BEL LIGHTING

COLLECTIONS 2019 • 2020

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Catalogue edition 07/2018

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The design, production and assembling are all made in the company.
We use solid and durable materials like stainless steel, aluminium, brass, copper, Belgian blue stone and the exotic wood “Iroko”.

BEL LIGHTING is certified with a quality management system in conformance with ISO 9001-2015.

The ISO standard specifies requirements for organizations of any type to demonstrate the ability to consistently provide services and products that consistently meet client requirements and aim to enhance customer satisfaction through application and improvement of the quality management system.
The ISO 9001:2015 Quality Management System provides a framework for implementation, maintenance, and continual improvement of quality best practices.

Bel Lighting offers you the possibility to extend the initial legal guarantee of 2 years from most of our lights in adding 3 more years. You should get, in total, 5 years guarantee !
Most of our lights have also 15 years guarantee against perforation.

For use in an aggressive environment (near the sea,...), we recommend to use our stainless steel fixtures with an electro-polishing treatment, see info pages.

To have access to the service, fill in the document online or send us back the card that you will find included in the product’s packing in the 3 months after your purchase.

More informations on **www.bel-lighting.com/en/extended-warranty**

WHO WE ARE

EN

Founded in 1991, BEL-LIGHTING is still to this day an independant family company with over fifty employees working here at our present factory in Megara (Greece) and headquarters in Saintes (Belgium). Lighting creator specialized in outdoor lighting, we constantly follow new developments in lighting technology and we are always attentive to the specific needs of our partners around the world to design and produce new innovative products that correspond to the requirements of our customers in the private or public domain.

Meanwhile, our technical department provides support for « customized » products, we provide assistance to architects and business partners on their projects together.

We also strengthen our products with recognized certifications, confirming the quality of our fixtures according to international standards. Likewise, we're providing our partners all the information needed about our products including photometric data accredited by a specialized laboratory to determine the performance of our lighting before their implementation through various simulation programs.

The creation, design and production is done in-house, we have firmly decided to build our reputation with high quality, that's why we always use first choice materials, some products are also manufactured with natural materials (aluminum , brass, stainless steel, copper, exotic iroko wood and Belgian stone) without coating and are fully integrated into their natural environment.

The technical quality and our exceptional design are the key priorities of our work in the development and manufacture of our products, with only proper use, installation and maintenance done by a specialist guarantee operational safety.

This edition of our catalog is more than an update of the full range of our lighting products, it is the result of the work of our research teams, design, technical contribution, production and marketing.

BEL LIGHTING, value added to the light!

Headquarters in Belgium

Factory in Greece

WHO WE ARE

NL

BEL LIGHTING gesticht in 1991 blijft tot op datum van vandaag nog steeds een onafhankelijk familiebedrijf met meer dan 50 werknemers actief in onze productie eenheid in Megara (Griekenland) en in onze hoofdzetel te Sint Renilde (Belgie). Als producent van hoofdzakelijk kwalitatieve buitenverlichtingstoestellen volgen we steeds de nieuwe tendensen op vlak van technologie en zijn steeds een luisterend oor voor wat onze verdelers wereldwijd specifiek nodig achten. Op deze manier blijven wij steeds nieuwe producten ontwikkelen die beantwoorden aan de vraag voor zowel privé als openbare domeinen.

Bovendien biedt onze technische dienst de mogelijkheid bepaalde producten “op maat“ te produceren en bieden we zo de mogelijkheid aan architecten en professionele verdelers om samen hun projecten te realiseren.

Wij verstrekken ook erkende certificaten van onze producten als bevestiging van de kwaliteit volgens de internationale normen. Bovendien bieden wij aan onze verdelers alle mogelijke informatie over onze producten aan alsook de foto metrische gegevens opgemaakt door een onafhankelijk laboratorium. Op deze manier kan de kwaliteit van onze producten vóór het in dienst nemen van het project in verschillende verlichtingssimulatieprogramma’s geïntegreerd worden.

Door het ontwerp, design en de productie in eigen beheer te hebben, hebben we besloten onze reputatie in het hogere gamma verder uit te bouwen. Dit is ook de reden dat we onze producten in edele materialen (aluminium, messing, inox en brons) en sommige in natuurlijke materialen (exotisch hout Iroko en Belgische blauwe hardsteen) produceren. Dit zonder bescherming zodat ze zich volledig in hun natuurlijke omgeving integreren.

De technische kwaliteit en een goed design zijn onze belangrijkste eisen in de ontwikkeling en de productie van onze producten, maar enkel een juist gebruik , de installatie en het onderhoud door een specialist uitgevoerd garandeert u een veilige omgeving.

Deze uitgave van onze cataloog is meer dan een upgrade van ons compleet gamma. Het is het resultaat van het werk van ons ontwikkeling, design, technisch, productie en marketingteam.

BEL LIGHTING, de meerwaarde aan het licht !

FR

Fondée en 1991, BEL LIGHTING reste à ce jour une société familiale, indépendante, avec plus d’une cinquantaine d’employés travaillant dans notre usine de Megara (Grèce) et au siège central de Saintes (Belgique). Créateur de luminaires spécialisé dans l’éclairage extérieur, nous suivons constamment les nouvelles évolutions en technologie de l’éclairage et nous sommes toujours à l’écoute des besoins spécifiques de nos partenaires du monde entier afin de créer et produire de nouveaux produits innovants qui viennent répondre aux exigences de nos clients pour le domaine privé ou public.

Parallèlement, notre département technique offre un support pour des produits « sur mesure » et nous venons en aide aux architectes et partenaires professionnels pour réaliser ensemble leurs projets.

Nous renforçons aussi nos produits avec des certifications reconnues, confirmant ainsi la qualité de nos luminaires selon les normes internationales. De même, nous mettons à la disposition de nos partenaires toutes les informations nécessaires sur nos produits, mais également les données photométriques accréditées par un laboratoire spécialisé afin d’établir la performance de nos éclairages avant leur mise en œuvre à travers divers programmes de simulation.

La création, le design et la production étant effectués en interne, nous avons fermement décidé de bâtir notre réputation dans le haut de gamme, c’est pourquoi nous utilisons toujours des matières premières nobles et certains produits sont aussi fabriqués dans des matières naturelles (aluminium, laiton, inox, cuivre, bois exotique iroko et pierre belge) sans protection de surface et qui s’intègrent totalement dans leur environnement naturel.

La qualité technique et un bon design sont les priorités essentielles de notre travail dans le développement et la fabrication de nos produits, mais seule une utilisation conforme, une installation et un entretien fait par un spécialiste garantissent la sécurité d’exploitation.

Cette édition de notre catalogue est, plus qu’une mise à jour de la gamme complète de nos luminaires, c’est le résultat du travail de nos équipes de recherche, design, contribution technique, production et marketing.

BEL LIGHTING, la valeur ajoutée à la lumière !

DE

Gegründet im Jahre 1991, BEL LIGHTING ist bis heute ein unabhängiges Familienunternehmen, mit mehr als fünfzig Angestellte, die sowohl in unserer Produktionsstätte Megara (Griechenland) als auch in unserem Hauptsitz, Saintes (Belgien) arbeiten. Als Hersteller von Leuchten, spezialisiert in Aussenleuchten, folgen wir kontinuierlich die technologischen Entwicklungen im Beleuchtungsbereich. Wir hören ständig auf die spezifischen Wünsche unserer internationalen Partner und entwerfen und produzieren neue Produkte, um den Ansprüchen unserer Kunden im privaten und im öffentlichen Bereich nachzukommen.

Gleichzeitig bietet unsere technische Abteilung Unterstützung für “massgeschneiderte” Produkte an und hilft Architekten und professionnelle Partner ihre Projekte gemeinsam durchzuführen.

Wir stärken unsere Produkte durch anerkannte Zertifikate, die somit die Qualität unserer Leuchten gemäss internationaler Normen, bestätigien. Für unsere Partner stellen wir nicht nur alle nötigen Informationen bezüglich unsere Produkte zur Verfügung, sondern ebenfalls photometrische Daten, akkreditiert durch ein spezialisiertes Labor, um vor Einsatz die Leistung unserer Leuchten durch diverse Simultationsprogramme zu bestimmen.

Da die Kreation, das Design und die Herstellung intern durchgeführt werden, haben wir fest beschlossen, unser Ansehen auf hochqualifizierte Produkte auszubauen. Aus diesem Grunde verwenden wir stets hochwertige Rohmaterialien. Einige Produkte werden aus natürlichen Rohmaterrialien hergestellt (Aluminium, Messing, Edelstahl, Kupfer, exotisches Holz Iroko und Belgischer Blaustein) ohne zusätzliche Schutzschichten, wodurch sie sich hervorragend in ihrer natürlichen Umgebung integrieren.

Die technische Qualität und ein herausragendes Design sind die wichtigsten Prioritäten unserer Arbeit in der Entwicklung und der Fertigung. Nur eine sachgerechte Verwendung, eine vom Fachmann sichergestelle Installation und Wartung, garantieren die Sicherheit der Benutzung.

Diese Ausgabe unseres Katalogs ist mehr als eine Aktualisierung unseres kompletten Beleuchtungssortiments, es ist das Ergebnis einer Team-Arbeit zwischen Forschung, Design, Technik, Produktion, und Marketing.

BEL LIGHTING, der zusätzliche Wert des Lichtes !

GR

Η εταιρεία BEL LIGHTING ιδρύθηκε το 1991, παραμένει μια ανεξάρτητη οικογενειακή επιχείρηση με περισσότερους από πενήντα εργαζόμενους στο εργοστάσιο παραγωγής μας στα Μέγαρα (Ελλάδα) και στο κέντρο διανομής μας στο Saintes (Βέλγιο). Σχεδιαστές φωτισμού ειδικεύονται στον φωτισμό εξωτερικού χώρου, ακολουθώντας συνεχώς την νέα αναπτυσσόμενη τεχνολογία στον φωτισμό και πάντα δίνοντας βάρος στις ιδιαίτερες ανάγκες των συνεργατών μας σε όλο τον κόσμο. Δημιουργούμε και παράγουμε νέα εξειδικευμένα προϊόντα, τα οποία ανταποκρίνονται στις απαιτήσεις των πελατών μας, επαγγελματιών και ιδιωτών.

Παράλληλα το τεχνικό μας τμήμα παρέχει ολοκληρωμένη υποστήριξη σε αρχιτέκτονες και επαγγελματίες φωτισμού για τη δημιουργία «customized» προϊόντων και την ολοκλήρωση ιδιαίτερων έργων.

Ακόμη ενδυναμώνουμε την παραγωγή μας κατοχυρώνοντας αναγνωρισμένες πιστοποιήσεις, που επιβεβαιώνουν την ποιότητα κατασκευής μας με βάση τα διεθνή πρότυπα. Παρέχουμε στους συνεργάτες μας όλες τις απαιτούμενες πληροφορίες για τα προϊόντα μας, όπως επίσης και τα φωτομετρικά στοιχεία, που έχουμε στη διάθεσή μας από πιστοποιημένο εργαστήριο φωτομετρίας, ώστε να μπορούν μέσω των διαφόρων προγραμμάτων προσομοίωσης να διαπιστώσουν την απόδοσή των φωτιστικών μας πριν την εφαρμογή.

Ο σχεδιασμός, η δημιουργία και η παραγωγή του συνόλου των προϊόντων μας γίνεται εξολοκλήρου στην κάθετη μονάδα παραγωγής μας και για τον λόγο αυτό έχουμε αποφασίσει να στηρίξουμε το όνομά μας στην άριστη κατασκευαστικά ποιότητα. Κάποια από τα προϊόντα μας είναι φτιαγμένα από φυσικά υλικά (μπρούτζο, φυσικό αλουμίνιο, ανοξείδωτο ατσάλι) χωρίς οποιαδήποτε επιπλέον επικάλυψη και απολύτως εναρμονισμένα με το φυσικό περιβάλλον.

Αυτή η έκδοση του καταλόγου μας είναι κάτι περισσότερο από μια εμπλουτισμένη παρουσίαση του συνόλου της γκάμας μας. Είναι το αποτέλεσμα του συνδυασμού της ποιοτικής και ομαδικής δουλειάς βελτιώνοντας τον σχεδιασμό, την κατασκευή, αλλά και την προώθηση των νέων υλικών μας.

BEL LIGHTING, the value added to the light

STEP INTO THE LIGHT

INTERIOR - CEILING - RECESSED

Faki R 24

Faki K 24

Star R 27

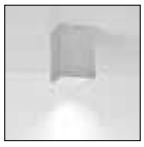
Star S 27

Tekno 28

INTERIOR - CEILING - SURFACE

Koba TR 30

Koba TB 30


Cube TR 31

Viva TR 33

Sounio 39

Zoom 40

Process 40

Micro TR 34

Rotor Mini 35

Rotor Maxi 34

Soled 36

Paco 39

Elipse 41

Zenith 7 41

Clip 42

Solid 42

Titan 1 42

Titan 2 43

Titan 3 43

Titan 4R 43

Titan 4K 43

INTERIOR - WALL - RECESSED

Faki K 47

Faki R 47

Quadris 56

Ziko 57

Krypto 1 50

Krypto 2 52

Krypto 3 53

Hydro 54

Disco 60

Aquadisc 62

Tango RV 64

Tango RH 64

Tango RX 64

Tango KV 65

Tango KH 65

Tango KX 65

Yorka A 48

Yorka B 48

Yorka C 48

Yorka D 48

Yorka E 48

Yorka F 48

Yorka G 48

Omega In 66

Omega In 66

Taf In 67

Taf In 67

INTERIOR - WALL - SURFACE

Micro 1 68

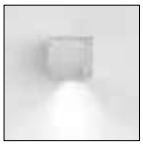
Micro 2 69

Koba 1 70

Koba 2 71

Okio 73

Okio 73


Cube 1L 74

Cube 2L 74

Viva 76

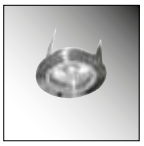
Taf 78

Omega 78

Omega 78

EXTERIOR - CEILING - RECESSED

Circo 82


Banio 85

Static 85

Vista GX 85

EXTERIOR - CEILING - SURFACE

Koba TR 88

Koba TB 88

Cube TR 89

Sounio 92

Squadra TR 97

Linus 2 97

Micro TR 86

Max TR 86

Soled 91

Paco 92

Ampas 93

Ringo A 96

Vodis B 94

Vodis B 94

Cobus B 95

Cobus A 95

Mani R 96

Lotus D 98

Lotus E 98

EXTERIOR - WALL - RECESSED

Quadris 111

Ziko 111

Kara 110

Twist 110

Krypto 1 102

Krypto 2 104

Krypto 3 104

Hydro 108

Disco 114

Aquadisc 115

Tango RV 112

Tango RH 112

Tango RX 112

Tango KV 112

Tango KH 112

Tango KX 112

Yorka A 106

Yorka B 106

Yorka C 106

Yorka D 106

Yorka E 106

Yorka F 106

Yorka G 106

Max 1-IN 117

Max 2-IN 117

Teka IN 117

Omega 1-IN 116

Omega 2-IN 116

Taf 1-IN 116

Taf 2-IN 116

EXTERIOR - FLOODLIGHT

Kozi S 198

Zita S 200

Mask 202

Prince S 204

Maxima-50 206

Maxima-65 208

Salsa 210

Saturn Led 212

Saturn HPL 214

Maxima-100 216

Eco 1A 222

Eco 1C 222

Eco 2A 223

Eco 2C 223

Maxima-GU 218

Cylinder S 220

Cylinder 1-IN 227

Cylinder 2-IN 227

Max-S1 224

Max-S2 224

Line-Up 228

Tex GZ 225

Tex 2 ON 225

Tex 1-IN 226

Tex 2-IN 226

Line-Up 228

EXTERIOR - WALL - SURFACE

Manix D 160

Manix G 160

Cubix D 158

Cubix G 159

Cubix K 159

Cubix Y 159

Poeme D 178

Onyx D 162

Onyx BIS 162

Onyx K 162

Onyx G 163

Soft D 178

Nobus D 166

Nobus G 166

Zebra D 171

Zebra G 170

Zebra Y 170

Atlantic D 169

Atlantic BIS 169

Atlantic G 169

Atrex G 164

Atrex D 164

Atrex Y 165

Atrex 100 D 175

Strida RD 177

Despo D 173

Sumo RD 174

Spirit KD 176

Sumo D 175

Spirit D 175

Spirit RD 176

Strida KD 176

Sounio 184

Linus 2 182

Squadra TR 182

Paco 184

Ringo A 185

Ringo C 185

Cobus A 187

Cobus B 187

Cobus C 187

Cobus D 187

Octus O 190

Octus X 190

Lotus A 192

Lotus B 192

Lotus C 192

Lotus D 194

Lotus E 194

Vodis B 180

Vodis A 180

Mani R 188

Cambridge A 179

Cambridge B 179

Marina-O 189

Marina-R 189

EXTERIOR - WALL - SURFACE

Koba 1 118

Koba 1B 120

Koba 2 119

Koba 2B 121

Okio 122

Okio 122

Sampa D 133

Cube 1L 124

Cube Bis 125

Cube 2L 127

Taf 129

Taf 129

Keyko 130

Torga D 132

Squadra D 134

Squadra G 135

SAMPA D-Pro 136

SAMPA S-Pro 136

Omega 1 139

Omega 2 139

Wally-S 140-141

Wally-XL 142-143

Mini astro 1 149

Mini astro 2 148

Astro 1 145

Astro 2 146

Recto 2 146

Micro 1 150

Micro 2 152

Max 154

Teka 157

EXTERIOR - GARDEN BOLLARD < 1,5M

Cubix FL 288

Manix FL 288

Onyx FL 291

Atrex FL 293

Nobus FL 294

Zebra FL 292

Atlantic FL 296

Zaxor Decor 300

Faros Nobus 295

Faros Atlantic 297

Sarm FL 284

Soft FL 290

Atrex 100 FL 305

Poeme FL 306

Sumo FL 299

Sumo RFL 308

Strida RFL 311

Spirit FL 302

Spirit RFL 311

Spirit KFL 313

Strida KFL 313

Cambridge FL316

Totem FL 314

Tex FL 269

Tex bis DL 268

Tex bis FL 268

Prince FL 273

Max FL 270

EXTERIOR - GARDEN BOLLARD < 1,5M

Sampa PRO 238

Sampa FL 237

Indy 233

Seven 244

Big Seven 247

Torga FL 250

Nomad 2 276

Strato 248

Goliath K 254

Goliath R 255

Alina 256

Vigo 274

Visio FL 277

Despo FL 278

Sami 259

Sami-flex 262

Salsa-S 266

Nocturn 263

Swapi 264

Ulyss FL 280

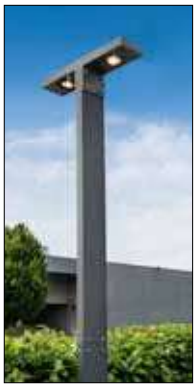
Sabri FL 286

EXTERIOR - GARDEN BOLLARD > 1,5M

Torga L 320

Artist 322

Sampa L1 324



Sampa L2 324

Nomad 1 326

Eros FL 328

Elyo FL 330

EXTERIOR - FLOOR UPLIGHTING - SURFACE

Cube TR

Max TR 334

Micro TR 334

EXTERIOR - FLOOR UPLIGHTING - RECESSED

Zona R 336

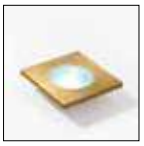
Zona S 336

Venus-R 345

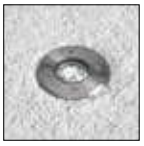
Venus-S 345

Xeno R 343

Xeno S 343


Genesis 344

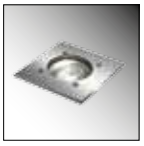
Zaxor Mini 347

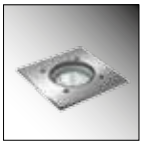

Bolas 350

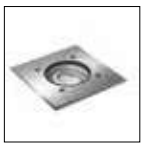
Bolas Led 352

Bolas HP led 354

Zaxor GZ 359


Zaxor GZ0 359


Zaxor Led 360


Zaxor Led-O 364

Zaxor 10° 362

Bolas O-HPL 366

Zaxor HP led 368

Zaxor O-HPL 370

Zona V 338

Zona H 338

Zona X 338

Bolas V 356

Bolas H 356

Bolas X 356

Zaxor U 348

Tango RV 340

Tango RH 340

Tango RX 340

Tango KV 340

Tango KH 340

Tango KX 340

Zaxor X 348

EXTERIOR - UNDERWATER

Bolas F 378

Kozi F 380

Saturn F 382

Xeno F 376-377

Zona F 374

THE VALUE ADDED TO THE LIGHT

Interior

Ceiling light	Recessed - Surfaced mounted	22
Wall light	Recessed - Surfaced mounted	44

Exterior

Ceiling light	Recessed - Surfaced mounted	80
Wall light	Recessed - Surfaced mounted	100
Flood light	Ceiling - Wall - Floor	196
Garden bollard - 1,5m		230
Garden bollard + 1,5m		318
Floor uplighting	Recessed - Surfaced mounted	332
Underwater lighting		372

Accessories	384
Information	398

A

i

Soled

CEILING light

Interior

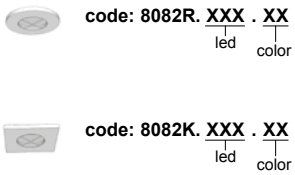
Faki R

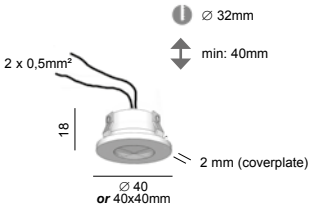
Faki K

IP40

350mA

IK09





LED

D10	1,2W - 5000K - 70°
D30	3,2W - 5000K - 70°
W10	1,2W - 2700K - 70°
W30	3,2W - 2700K - 70°

1,2W 3000K = on request
3,2W 3000K / 4000K = on request

COLOR

00	Natural brushed aluminum
01	White
22	Brown
39	Grey
48	Dark grey (RAL 7016 structured)

max. efficacity 120lm/W

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP40
Safety sandblasted plexiglass
Led 1,2W or 3,2W 350mA incorporated
Energy class EC: A+

ACCESSORIES

Recessed box - Pop 9a
Led driver 350mA CC

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper / ...)
Only for led 1,2W : 3000K
Only for led 3,2W : 3000K / 4000K
Other dimensions (customized)

Faki R

Reference	Price €
8082R.D10._ _	52.00
8082R.D30._ _	58.00
8082R.W10._ _	52.00
8082R.W30._ _	58.00

Faki K

Reference	Price €
8082K.D10._ _	53.00
8082K.D30._ _	59.50
8082K.W10._ _	53.00
8082K.W30._ _	59.50

LED

D11 1,2W - 5000K - 10°
D13 1,2W - 5000K - 35°
D31 3,2W - 5000K - 30°
D32 3,2W - 5000K - 45°
W11 1,2W - 2700K - 10°
W13 1,2W - 2700K - 35°
W31 3,2W - 2700K - 30°
W32 3,2W - 2700K - 45°

1,2W 3000K = on request
3,2W 3000K / 4000K = on request

For some applications, on request, led 1,2W can be used with a driver 500mA to obtain for example: 1,75W 10° - 5000K - 205 lumens

COLOR

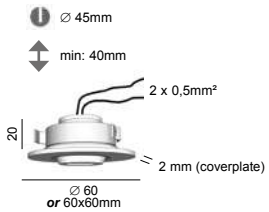
00 Natural brushed aluminum

max. efficacity 120lm/W

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

code: 8026. XXX . 00
led

code: 8027. XXX . 00
led



0,5
350mA
0,20

Star R

Star S

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP20 (3,2W) or IP40 (1,2W)
orientable 360° - 45°
Led 1,2W or 3,2W 350mA incorporated
Energy class EC: A+

ACCESSORIES

Led driver 350mA CC

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper / ...)
Other dimensions (customized)
Only for led 1,2W : 3000K
Only for led 3,2W : 3000K / 4000K

Star R

Reference	Price €
8026.D1_.00	69.70
8026.D3_.00	78.40
8026.W1_.00	69.70
8026.W3_.00	78.40

Star S

Reference	Price €
8027.D1_.00	69.70
8027.D3_.00	78.40
8027.W1_.00	69.70
8027.W3_.00	78.40

Tekno

IP40

350mA

IK09

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP40
Safety sandblasted plexiglass
Led 1,2W or 3,2W 350mA incorporated
Energy class EC: A+

ACCESSORIES

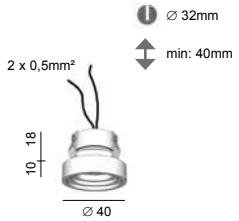
Recessed box - Pop 9a
Led driver 350mA CC

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper / stainless steel)
Only for led 1,2W : 3000K
Only for led 3,2W : 3000K / 4000K
Other dimensions (customized)

max. efficacity 120lm/W

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381



code: 8083R. XXX . XX
led color

LED

D10	1,2W - 5000K - 70°
D30	3,2W - 5000K - 70°
W10	1,2W - 2700K - 70°
W30	3,2W - 2700K - 70°

1,2W 3000K = on request
3,2W 3000K / 4000K = on request

COLOR

00	Natural brushed aluminum
01	White
39	Grey
48	Dark grey (RAL 7016 structured)

Tekno

Reference	Price €
8083R.D10._ _	57.00
8083R.D30._ _	63.50
8083R.W10._ _	57.00
8083R.W30._ _	63.50

Koba TR

0,5

IP65

IK09

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety plexiglass
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (not for 230V model)
Lens 10° - code: AC.8041.32

ON REQUEST

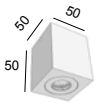
Other RAL colors or anodized black
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Other dimensions (customized)

max. efficacity 119lm/W

Typical luminous flux (lm)		
	3W	3,2W
2700 K	170	337
3000 K	170	354
4000 K		380
5000 K		381

0,25

code: 8047. XXX . XX
led color



LED

D32 3,2W 350mA - 5000K - 70°
W03 3W 230V - 2700K - 70°
W32 3,2W 350mA - 2700K - 70°

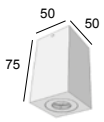
3W 230V 3000K = on request
3,2W 350mA 3000K / 4000K = on request

COLOR

01 White
02 Black
32 Anodized aluminum
39 Grey
48 Dark Grey (RAL 7016 structured)

0,40

code: 8048. XXX . XX
led color



LED

D32 3,2W 230V - 5000K - 70°
W32 3,2W 230V - 2700K - 70°

3000K / 4000K = on request

COLOR

01 White
02 Black
32 Anodized aluminum
39 Grey
48 Dark Grey (RAL 7016 structured)

Accessory
AC.8041.32
Lens 10°

Lens 01

Reference	Price €
AC.8041.32	33.50

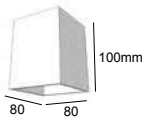
Koba TR

Reference	Price €
8047.D32._ _	116.50
8047.W03._ _	127.00
8047.W32._ _	116.50

Reference	Price €
8048.D32._ _	149.00
8048.W32._ _	149.00

Cube TR

Reference	Price €
906.EC.00	109.50
906.EC.01	109.50
906.EC.02	109.50
906.EC.39	109.50



DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP20
Energy class EC: A++/A

ON REQUEST

Other RAL colors or anodized black
Other dimensions (customized)

Cube TR

IP20

230V

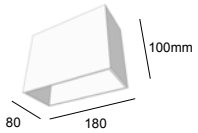
code: 906. EC . XX
color

BULB

EC GU10 LED (max. height 65mm)

COLOR

00 Natural brushed aluminum
01 White
02 Black
39 Grey



code: 149. EC . XX
color

BULB

EC	2 x GU10 LED (max. height 65mm)

COLOR

00	Natural brushed aluminum
01	White
02	Black
39	Grey

0,5

IP20

230V

0,50

Viva TR

DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP20
Energy class EC: A++/A

ON REQUEST

Other RAL colors
Other dimensions (customized)

Viva TR

Reference	Price €
149.EC.00	183.50
149.EC.01	183.50
149.EC.02	183.50
149.EC.39	183.50

Micro TR

IP65

IK09

DESCRIPTION

Body made in solid aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety plexiglass
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (not for 230V model)
Lens 10° - code: AC.8041.32

max. efficacity 119lm/W

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper)
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Other dimensions (customized)

Typical luminous flux (lm)		
	3W	3,2W
2700 K	170	337
3000 K	170	354
4000 K		380
5000 K		381

code: 1107. XXX . XX
XXX = led, XX = color

LED

D32	3,2W 350mA - 5000K - 70°
W03	3W 230V - 2700K - 70°
W32	3,2W 350mA - 2700K - 70°

3W 3000K = on request
3,2W 3000K / 4000K = on request

COLOR

01	White
02	Black
04	Brushed stainless steel
32	Anodized aluminum

Rotor Maxi

IP20

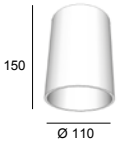
230V

DESCRIPTION

Body made in profile aluminum or stainless steel
Screws in stainless steel
Degree of protection IP20
Energy class EC: A++/A

ON REQUEST

Other RAL colors
Anodised aluminum or black
Other dimensions (customized)



code: 922 . E2 . XX
XX = color

BULB

E2	PAR30 E27 LED 230V (max. d. 99mm / height 100mm)

COLOR

00	Natural brushed aluminum	0.6
01	White	0.6
02	Black	0.6
04	Brushed stainless steel	1.5
39	Grey	0.6

Accessory

AC.8041.32

Lens 10°

Lens 01

Reference	Price €
AC.8041.32	33.50

Micro TR

Reference	Price €
1107.D32.04	127.00
1107.D32._ _	99.50
1107.W03.04	132.70
1107.W03._ _	106.00
1107.W32.04	127.00
1107.W32._ _	99.50

Rotor Maxi

Reference	Price €
922.E2.00	99.00
922.E2.01	99.00
922.E2.02	99.00
922.E2.04	139.00
922.E2.39	99.00

DESCRIPTION

Body made in aluminum, stainless steel, brass or copper
Degree of protection IP20
Energy class EC: A++/A

ACCESSORIES

Anti-glare ring - code: AC.7001.AG._ _

ON REQUEST

Other RAL colors
Anodised aluminum or black
Other dimensions (customized)

0.5

IP20

230V

Rotor Mini

code: 923 . GU . XX
color

BULB

GU GU10 LED (max. height 65mm)

COLOR

00	Natural brushed aluminum	0.3
01	White	0.3
02	Black	0.3
04	Brushed stainless steel	0.6
07	Brushed brass	0.8
21	Brushed copper	0.8
39	Grey	0.3

Rotor Mini

Reference	Price €
923.GU.00	89.00
923.GU.01	89.00
923.GU.02	89.00
923.GU.04	105.00
923.GU.07	133.00
923.GU.21	144.00
923.GU.39	89.00

IP65

230V

Soled

DESCRIPTION

Body made in profile aluminum
Degree of protection IP65
Safety clear glass
Dimmable Led 230V incorporated
Energy class EC: A

ACCESSORIES

Anti-glare honeycomb : Louver ref: X060.082.3

ON REQUEST

Other RAL colors or anodized black
Other materials (stainless steel, …)
Sandblasted glass
Other led color : 2700K
Other dimensions (customized)

max. efficacity 90lm/W

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

code: 8090. XX X . XX
led
°angle
color

DIMMABLE

LED

W2 6W - 3000K
W3 10W - 3000K

Led 2700K = on request
Led Dim-To-Warm 1800K-3000K = on request

ANGLE

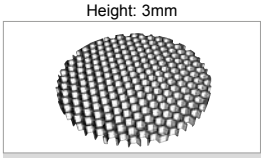
1 Reflector 16°
2 Reflector 40°

COLOR

01 White
02 Black
32 Anodized aluminum

Accessory

X060.082.3
Ø 82 mm
Height: 3mm

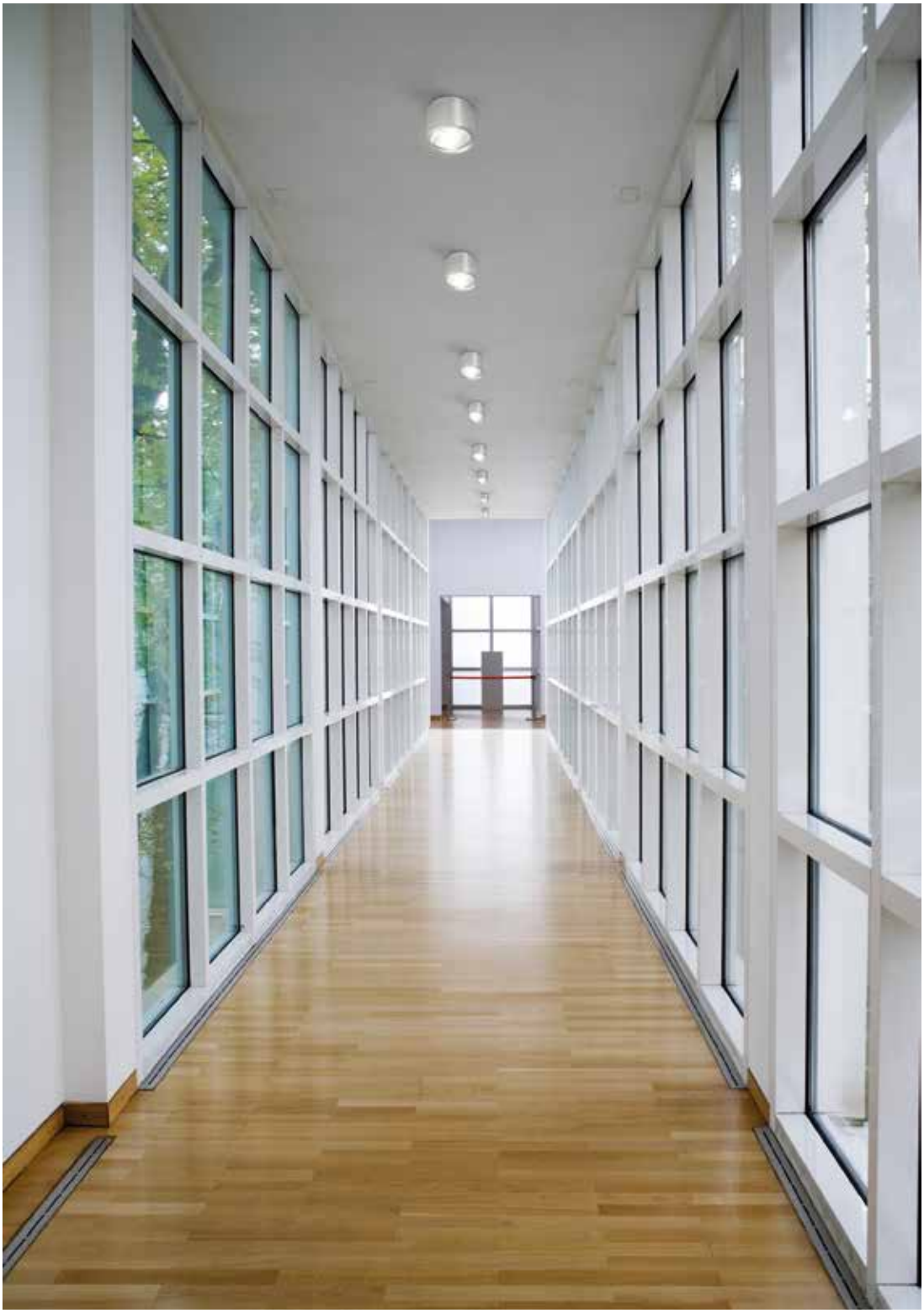


Louver

Reference	Price €
X060.082.3	15.90

Soled

Reference	Price €
8090.W2_._ _	199.00
8090.W3_._ _	209.00



DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP40
Safety sandblasted glass
Available with dimmable led 6W 230V incorporated
Energy class EC: A++/A

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / ...)
Led 6W 230V - 2700K
Available with lamp socket GX53

0,5

IP40

230V

DIMMABLE

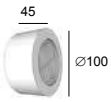
Paco

Sounio

max. efficacity 83lm/W

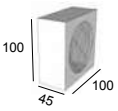
Typical luminous flux (lm)	
	6W
2700 K	480
3000 K	500

code: 909SA. XX . 00
led bulb



0,40

code: 908SA. XX . 00
led bulb



0,70

LED / BULB

G9 G9 LED (max. diameter 32mm / height 65mm)
W6 Led 6W 230V - 3000K

Led 6W 2700K = on request
Led Dim-To-Warm 1800K-3000K = on request

COLOR

00 Natural brushed aluminum

Paco

Reference	Price €
909SA.G9.00	97.00
909SA.W6.00	127.00

Sounio

Reference	Price €
908SA.G9.00	109.00
908SA.W6.00	139.00

Process

IP20

230V

0,25

DESCRIPTION

Body made in solid aluminum
Degree of protection IP20
Fixation with M8
For Led bulb GU10/230V
Energy class EC: A++/A

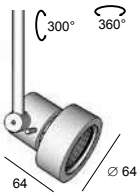
ACCESSORIES

Base Solid / Clip / Titan

ON REQUEST

Other lenght (customized)
Anodized black

code: 1186 . X . 00
height



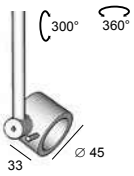
Zoom

IP20

230V

0,15

code: 1185 . X . 00
height



HEIGHT

1	50 mm
2	150 mm
4	250 mm
6	350 mm

COLOR

00	Natural brushed aluminum

Process

Reference	Price €
1186._.00	64.50

Zoom

Reference	Price €
1185._.00	51.00

Zenith 7

IP20
230V

DESCRIPTION

Body made in profile aluminum
Degree of protection IP20
Fixation with M8
led 230V incorporated
Energy class EC: A

ACCESSORIES

Base Solid / Clip / Titan

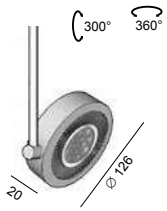
ON REQUEST

Other lenght (customized)
Anodized black

code: 1182 . XXXX . 00
height
led

max. efficacity 85lm/W

Typical luminous flux (lm)	
	23W
3000 K	1850
4000 K	1950



Elipse

IP20
12V

DESCRIPTION

Body made in profile aluminum
Degree of protection IP20
Fixation with M8
For Led bulb AR111 G53/12V
Energy class EC: A++/A

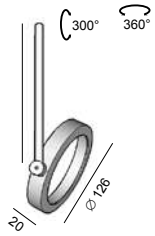
ACCESSORIES

Base Solid / Clip / Titan
electronic transformer 12V

ON REQUEST

Other lenght (customized)
Anodized black

code: 1184 . X . 00
height



HEIGHT

2	150 mm
4	250 mm
6	350 mm

LED

N75	23W 230V - 4000K - 24°
N76	23W 230V - 4000K - 40°
W75	23W 230V - 3000K - 24°
W76	23W 230V - 3000K - 40°

COLOR

00	Natural brushed aluminum

Zenith 7

Reference	Price €
1182._ _ _ _.00	128.50

Elipse

Reference	Price €
1184._.00	52.50

Solid

0,5

IP20

230V

0,15

DESCRIPTION

Body made in natural brushed aluminum
Degree of protection IP20
Spot fixation with M8

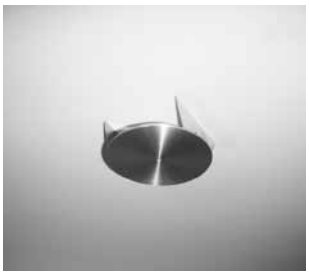
ACCESSORIES

spot Zenith 7 / Elipse / Zoom / Process

ON REQUEST

Anodized black

code: 260A . 00



Clip

0,5

IP20

230V

0,20

DESCRIPTION

Body made in natural brushed aluminum
Degree of protection IP20
Spot fixation with M8

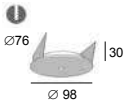
ACCESSORIES

spot Zenith 7 / Elipse / Zoom / Process

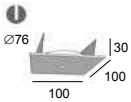
ON REQUEST

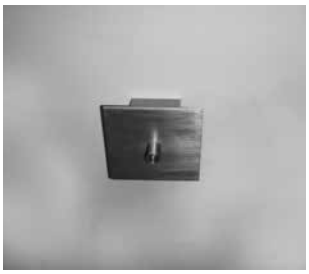
Anodized black

code: 28R . 00



code: 28K . 00





Titan 1

0,5

IP20

230V

0,25

DESCRIPTION

Body made in natural brushed aluminum
Degree of protection IP20
Spot fixation with M8

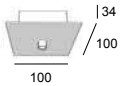
ACCESSORIES

spot Zenith 7 / Elipse / Zoom / Process

ON REQUEST

Anodized black

code: 261A . 00



Solid

Reference	Price €
260A.00	42.50

Clip

Reference	Price €
28K.00	43.50
28R.00	38.00

Titan 1

Reference	Price €
261A.00	53.50

Titan 2

IP20
230V
0,50

DESCRIPTION

Body made in natural brushed aluminum
Degree of protection IP20
Spot fixation with M8

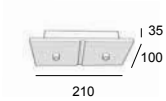
ACCESSORIES

spot Zenith 7 / Zoom / Process

ON REQUEST

Anodized black

code: 262A . 00



Titan 3

IP20
230V
0,60

DESCRIPTION

Body made in natural brushed aluminum
Degree of protection IP20
Spot fixation with M8

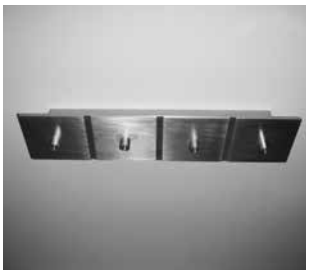
ACCESSORIES

spot Zenith 7 / Zoom / Process

ON REQUEST

Anodized black

code: 263A . 00



Titan 4R

IP20
230V
0,90

DESCRIPTION

Body made in natural brushed aluminum
Degree of protection IP20
Spot fixation with M8

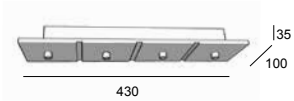
ACCESSORIES

spot Zenith 7 / Zoom / Process

ON REQUEST

Anodized black

code: 264A . 00



Titan 4K

IP20
230V
0,90

DESCRIPTION

Body made in natural brushed aluminum
Degree of protection IP20
Spot fixation with M8

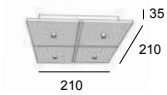
ACCESSORIES

spot Zenith 7 / Zoom / Process

ON REQUEST

Anodized black

code: 265A . 00



Titan 2

Reference	Price €
262A.00	84.00

Titan 3

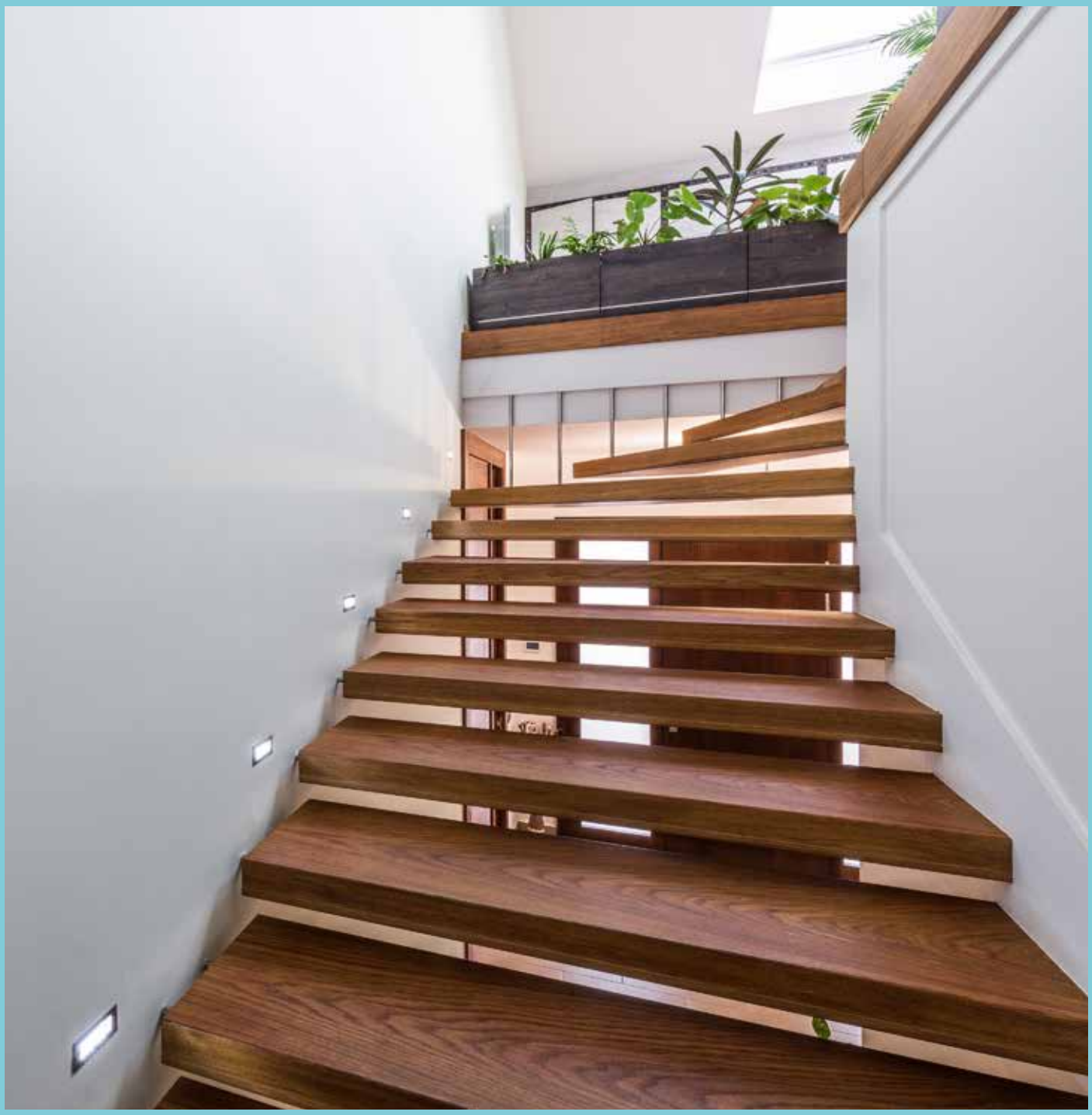
Reference	Price €
263A.00	99.00

Titan 4K

Reference	Price €
265A.00	115.50

Titan 4R

Reference	Price €
264A.00	120.00



Krypto 3

Cube 2L

Wall light

Interior

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP40
Safety sandblasted plexiglass
Led 1,2W or 3,2W 350mA incorporated
Energy class EC: A+

ACCESSORIES

Recessed box - Pop 9a
Led driver 350mA CC

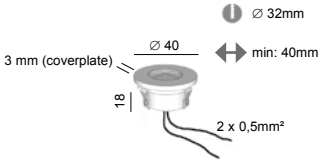
ON REQUEST

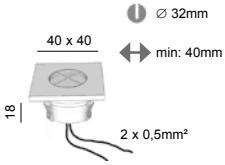
Other RAL colors or anodized black
Other materials (brass / copper / ...)
Only for led 1,2W : 3000K
Only for led 3,2W : 3000K / 4000K
Other dimensions (customized)

IP40
350mA
IK09

Faki R

Faki K





max. efficacity 120lm/W

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

code: 8082R. XXX . XX
led — color

code: 8082K. XXX . XX
led — color

LED

D10	1,2W - 5000K - 70°
D30	3,2W - 5000K - 70°
W10	1,2W - 2700K - 70°
W30	3,2W - 2700K - 70°

1,2W 3000K = on request
3,2W 3000K / 4000K = on request

COLOR

00	Natural brushed aluminum
01	White
22	Brown
39	Grey
48	Dark grey (RAL 7016 structured)

Faki R

Reference	Price €
8082R.D10._ _	52.00
8082R.D30._ _	58.00
8082R.W10._ _	52.00
8082R.W30._ _	58.00

Faki K

Reference	Price €
8082K.D10._ _	53.00
8082K.D30._ _	59.50
8082K.W10._ _	53.00
8082K.W30._ _	59.50

Accessory

X068A
Ø 37 mm
Length: 47mm

Pop 9a

Reference	Price €
X068A	0.90

Yorka A

code: 8010.XXX.XX

Yorka B

code: 8011.XXX.XX

Yorka C

code: 8057.XXX.XX

Yorka D

code: 8058.XXX.XX

DESCRIPTION

Body made in solid aluminum
Degree of protection IP65
Class 1 (230V) or Class 3 (350mA)
IK09 only for model C/D/E/F/G
Safety sandblasted glass
Led 1,2W 350mA or 3W 230V incorporated
Coverplate with thickness 7mm or 9mm
Provided with 20cm cable
Energy class EC: A+ (350mA) or A (230V)

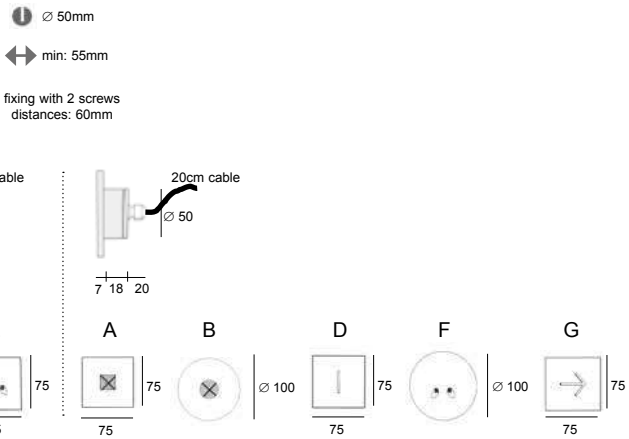
ACCESSORIES

To use with a standard box (depth minimum 55 mm)
Led driver 350mA CC for led 1,2W

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper / stainless steel)
led 1,2W 3000K or 3W 3000K
led 3,2W 350mA 2700K/3000K/4000K/5000K
Other dimensions (customized)

compatible for use with standard box



Yorka E

code: 8059.XXX.XX

Yorka F

code: 8060.XXX.XX

Yorka G

code: 8061.XXX.XX

0,5

IP65

0,24

CE

code: 80_ _ . XXX . XX
led color

max. efficacity 120lm/W

LED

D11	1,2W 350mA - 5000K
W11	1,2W 350mA - 2700K
W40	3W 230V - 2700K

COLOR

01	White
02	Black
32	Anodized aluminum
39	Grey

3000K = on request
3,2W 350mA 2700K / 3000K / 4000K / 5000K = on request

Typical luminous flux (lm)			
	350mA		230V
	1,2W	3,2W	3W
2700 K	125	337	170
3000 K	135	354	170
4000 K		380	
5000 K	145	381	

Yorka

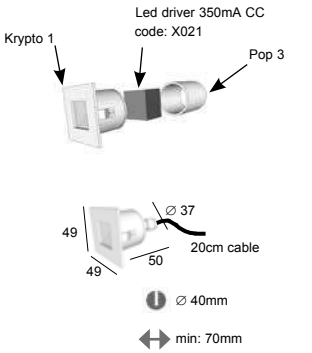
Reference	Price €
80_ _.D11._ _	135.00
80_ _.W11._ _	135.00
80_ _.W40._ _	140.00

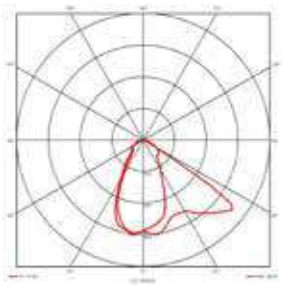
IP65

IK06

Krypto 1

Installation on 220-240V 50/60 Hz





DESCRIPTION

Body made in solid anodized aluminum
Degree of protection IP65
Safety clear plexiglass
Class 1 (230V) or Class 3 (350mA)
Provided with 20cm cable
Led 1,2W 350mA or 3W 230V incorporated

ACCESSORIES

Recessed box - Pop 3
Led driver 350mA CC (not for 230V model)

ON REQUEST

RAL colors
led 1,2W 3000K or 3W 3000K
Led 3,2W 350mA: 2700K / 3000K / 4000K / 5000K
Sandblasted plexiglass

code: 1187. XXX . XX
led — color

LED

D11	1,2W 350mA - 5000K
W11	1,2W 350mA - 2700K
W30	3W 230V - 2700K

1,2W 350mA 3000K = on request
3W 230V 3000K = on request

COLOR

02A	Anodized black
32	Anodized aluminum

max. efficacity 120lm/W

Typical luminous flux (lm)			
	350mA		230V
	1,2W	3,2W	3W
2700 K	125	337	170
3000 K	135	354	170
4000 K		380	
5000 K	145	381	

Krypto 1

Reference	Price €
1187.D11._ _	104.50
1187.W11._ _	104.50
1187.W30._ _	114.50

Accessory

X053
Ø 45 mm
Length: 55mm

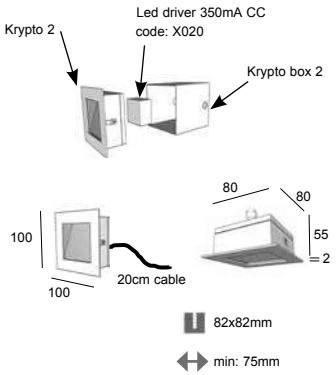
Pop 3

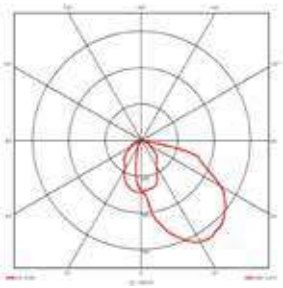
Reference	Price €
X053	2.60

Krypto 2

IP65
IK06

Installation on 220-240V 50/60 Hz





DESCRIPTION

Body made in solid anodized aluminum
Degree of protection IP65
Safety clear plexiglass
Class 1 (230V) or Class 3 (350mA)
Provided with 20cm cable
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Recessed box - Krypto box 2
Led driver 350mA CC (not for 230V model)

ON REQUEST

RAL colors
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Sandblasted plexiglass

code: 1188. XXX . XX
led color

code: 1189. XXX . XX
led color

max. efficacity 120lm/W

Typical luminous flux (lm)			
	350mA		230V
	1,2W	3,2W	3W
2700 K	125	337	170
3000 K	135	354	170
4000 K		380	
5000 K	145	381	

LED

D21 3,2W 350mA - 5000K
W21 3,2W 350mA - 2700K
W30 3W 230V - 2700K

3,2W 350mA 3000K / 4000K = on request
3W 230V 3000K = on request

COLOR

02A Anodized black
32 Anodized aluminum

Krypto 2

Reference	Price €
1188.D21._ _	165.00
1188.W21._ _	165.00
1188.W30._ _	173.50

Krypto 3

Reference	Price €
1189.D21._ _	138.00
1189.W21._ _	138.00
1189.W30._ _	146.50

Accessories

X064
94x94 mm
Length: 85mm

Krypto box 2

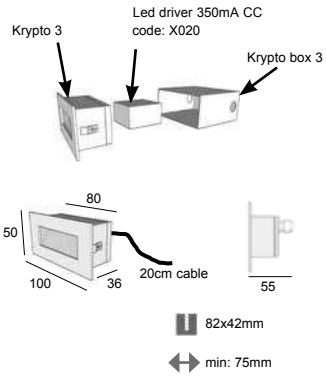
X065
94x46 mm
Length: 85mm

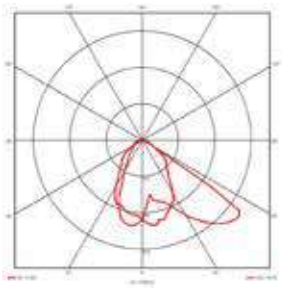
Krypto box 3

Reference	Price €
X064	13.90

Reference	Price €
X065	12.00

Installation on 220-240V 50/60 Hz





0,5

IP65

IK06

0,15

CE

Krypto 3

ACCESSORIES

Recessed box - Krypto box 3
Led driver 350mA CC (not for 230V model)

Hydro

IP65
IK09

DESCRIPTION

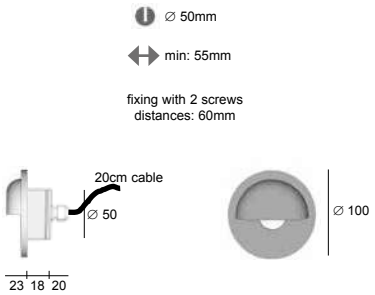
Body made in solid aluminum
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety sandblasted glass
Led 1,2W 350mA or 3W 230V incorporated
Coverplate with thickness 23mm
Provided with 20cm cable
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

To use with a standard box (depth minimum 55 mm)
Led driver 350mA CC for led 1,2W

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper / stainless steel)
led 1,2W 3000K or 3W 3000K
led 3,2W 350mA 2700K/3000K/4000K/5000K
Other dimensions (customized)



compatible for use with standard box

code: 8062. XXX . XX
led color

LED

D11	1,2W 350mA - 5000K
W11	1,2W 350mA - 2700K
W40	3W 230V - 2700K

COLOR

02	Black
24	Corten
39	Grey
48	Dark Grey (RAL 7016 structured)

3000K = on request
3,2W 350mA 2700K / 3000K / 4000K / 5000K = on request

max. efficacity 120lm/W

Typical luminous flux (lm)			
	350mA		230V
	1,2W	3,2W	3W
2700 K	125	337	170
3000 K	135	354	170
4000 K		380	
5000 K	145	381	

Hydro

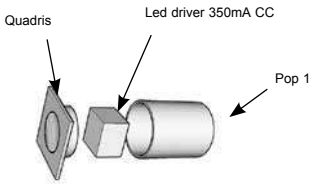
Reference	Price €
8062.D11._ _	135.00
8062.W11._ _	135.00
8062.W40._ _	140.00

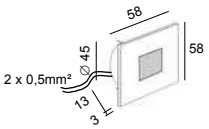
Quadris

IP65

350mA

Installation on 220-240V 50/60 Hz





Ø 50mm

min: 35mm

code: 1101. XXX . XX
led color

code: 1102. XXX . XX
led color

max. efficacity 120lm/W

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

LED

D11 1,2W - 5000K
W11 1,2W - 2700K

3000K = on request
3,2W 2700K / 3000K / 4000K / 5000K = on request

COLOR

04 Brushed stainless steel
07 Brushed brass

Quadris

Reference	Price €
1102._11._ _	99.00

DESCRIPTION

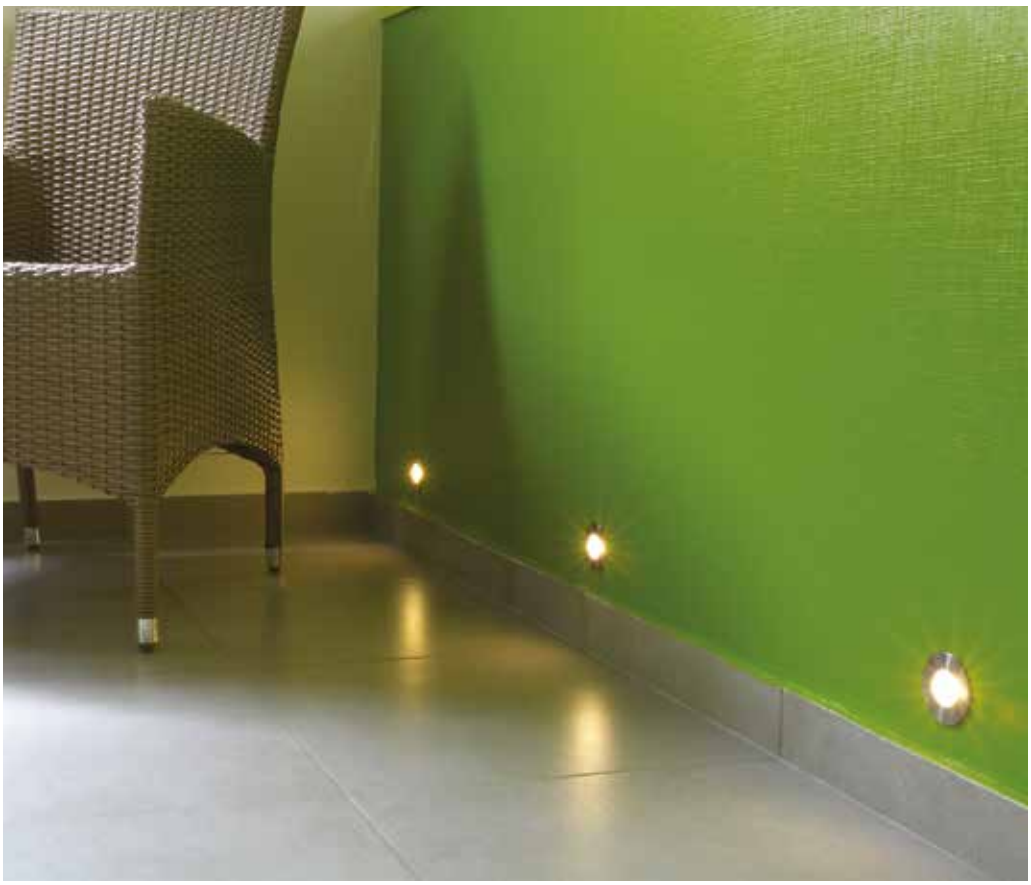
Body made in solid stainless steel
Cover plate 3mm in stainless steel or brass
Safety sandblasted glass
Degree of protection IP65
Led 350mA incorporated
Energy class EC: A+

ACCESSORIES

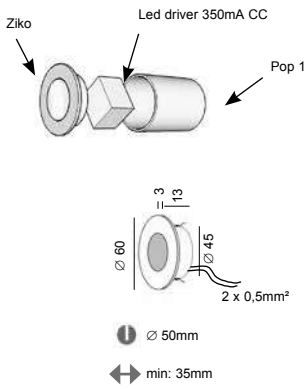
Recessed box - Pop 1a
Led driver 350mA CC

ON REQUEST

Other RAL colors or anodized black
Other led color: 3000K
Led 3,2W 2700K / 3000K / 40000K / 5000K
Other dimensions (customized)



Installation on 220-240V 50/60 Hz



0,5

IP65

350mA

0,15

Ziko

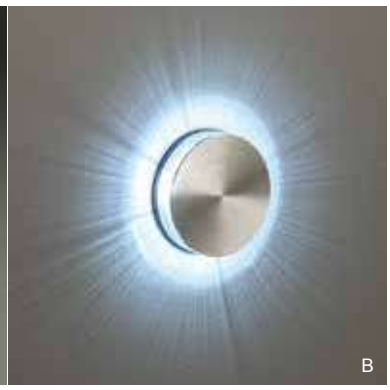
Accessory
X016A
Ø 55 mm
Length: 65mm

Pop 1a

Reference	Price €
X016A	2.80

Ziko

Reference	Price €
1101._11._ _	87.00



IP65

350mA

IK08

Disco

DESCRIPTION

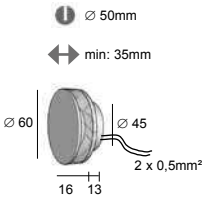
Body made in solid stainless steel
Degree of protection IP65 - IK08
Degree of protection IP65 - IK08
Mat or clear plexiglass
Led 350mA incorporated
Energy class EC: A+

ACCESSORIES

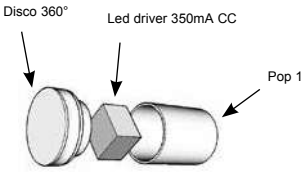
Recessed box - Pop 1a
Led driver 350mA CC

ON REQUEST

Other RAL colors or anodized black
Other led color: 3000K
Led 3,2W 350mA 2700K / 3000K / 4000K / 5000K
Other materials (aluminum / brass / copper)



Installation on 220-240V 50/60 Hz



max. efficacity 120lm/W

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

code: 1155X . XXX . 04
plexiglass
led

PLEXIGLASS

A Mat plexiglass
B Clear plexiglass

LED

D11 1,2W - 5000K
W11 1,2W - 2700K

COLOR

04 Brushed stainless steel

3000K = on request
3,2W 2700K / 3000K / 4000K / 5000K = on request

Disco

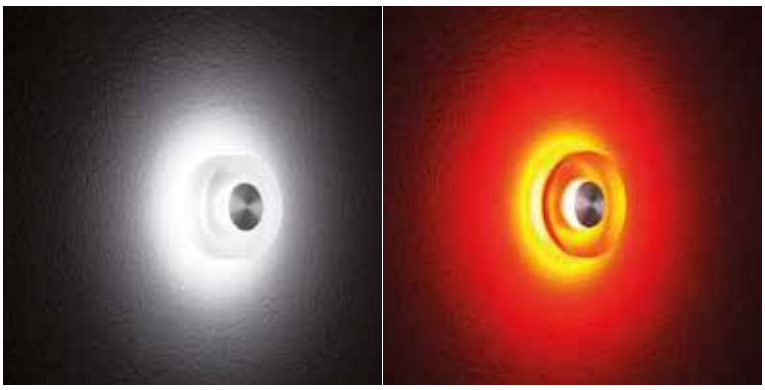
Reference	Price €
1155A._11._ _	126.50
1155B._11._ _	126.50

Accessory

X016A
Ø 55 mm
Length: 65mm

Pop 1a

Reference	Price €
X016A	2.80



Aquadisc

IP67

350mA

IK09

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP67 - IK09
Safety plexiglass
Led 3,2W - 350mA - 385lm incorporated
Energy class EC: A+

ACCESSORIES

Recessed box - Pop 9a or Pop 9b
Led driver 350mA CC

ON REQUEST

Blue plexiglass
Led 1,2W - 350mA - 125lm
Other dimensions (customized)

Accessory

X068A	X068B
Ø 37 mm Length: 47mm	Ø 37 mm Length: 150mm

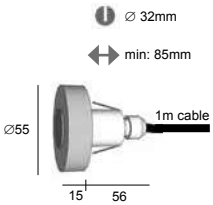
Pop 9a Pop 9b

Aquadisc

Reference	Price €
8089.D30.RP	119.00
8089.D30.WP	109.00

Reference	Price €
X068A	0.90
X068B	7.90

code: 8089. D30 . XX
color



COLOR

RP Red plexiglass
WP White plexiglass

Tango R

IP40

350mA

IK10

0,20

0,5

code: 8086H. XXX . XX

code: 8086V. XXX . XX

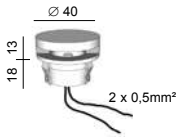
code: 8086X. XXX . XX

led

color

∅ 32mm

min: 40mm



max. efficacity 119lm/W

Typical luminous flux (lm)	
	3,2W
2700 K	337
3000 K	354
4000 K	380
5000 K	381

LED

D30 3,2W - 5000K
W30 3,2W - 2700K

3000K / 4000K = on request

COLOR

00 Natural brushed aluminum
01 White
22 Brown
39 Grey
48 Dark Grey (RAL 7016 structured)

Tango R

Reference	Price €
8086H._30._ _	90.00
8086V._30._ _	83.00
8086X._30._ _	102.00

Tango K

Reference	Price €
8088H._30._ _	90.00
8088V._30._ _	83.00
8088X._30._ _	102.00

DESCRIPTION

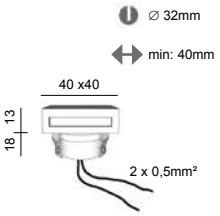
Body made in solid aluminum
Screws in stainless steel
Degree of protection IP40 - IK10
Safety clear plexiglass
Led 3,2W - 350mA incorporated
Energy class EC: A+

ACCESSORIES

Recessed box - Pop 9a
Led driver 350mA CC

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / ...)
Other led colors : 3000K / 4000K
Other dimensions (customized)



code: 8088H. XXX . XX

code: 8088V. XXX . XX

code: 8088X. XXX . XX
led color

IP40
350mA
IK10

Tango K

Accessory
X068A
Ø 37 mm
Length: 47mm

Pop 9a

Reference	Price €
X068A	0.90

Omega-IN

IP40

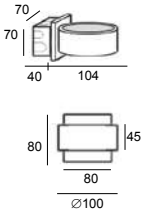
230V

0,50

DIMMABLE

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP40
Safety sandblasted glass
Available with dimmable led 6W 230V incorporated
Recessed box included
Energy class EC: A (led) or A++/A (G9)



ON REQUEST

Anodized black
Other RAL colors
Led 6W 230V 2700K (only ref. 911SA)
Led 10W 230V 2700K / 3000K (only ref. 911SA)

max. efficacity 90lm/W

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

code: 911SA. XX . 00
led bulb

LED / BULB

G9 G9 LED (max. diameter 32mm / height 60mm)
W6 Led 6W 230V - 3000K

Led 6W 2700K = on request
Led 10W 2700K / 3000K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

00 Natural brushed aluminum

code: 912SA. G9 . 00

BULB

G9 G9 LED (max. diameter 32mm / height 60mm)

COLOR

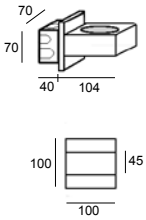
00 Natural brushed aluminum

Omega 1-IN

Reference	Price €
911SA.G9.00	138.00
911SA.W6.00	168.00

Omega 2-IN

Reference	Price €
912SA.G9.00	127.00



DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP40
Safety sandblasted glass
Available with dimmable led 6W 230V incorporated
Recessed box included
Energy class EC: A (led) or A++/A (G9)

ON REQUEST

Anodized black
Other RAL colors
Led 6W 230V 2700K (only ref. 915SA)
Led 10W 230V 2700K / 3000K (only ref. 915SA)

0,5
IP40
230V
0,70

Taf-IN

max. efficacity 90lm/W

DIMMABLE

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

code: 915SA. XX . 00
led bulb

LED / BULB

G9 G9 LED (max. diameter 32mm / height 60mm)
W6 Led 6W 230V - 3000K

Led 6W 2700K = on request
Led 10W 2700K / 3000K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

00 Natural brushed aluminum

code: 916SA. G9 . 00

BULB

G9 G9 LED (max. diameter 32mm / height 60mm)

COLOR

00 Natural brushed aluminum

Taf 1-IN

Reference	Price €
915SA.G9.00	149.00
915SA.W6.00	179.00

Taf 2-IN

Reference	Price €
916SA.G9.00	169.00

Micro 1

0,5

IP65

IK09

CE

DESCRIPTION

Body made in solid aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety plexiglass
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (not for 230V model)
Lens 10° - code: AC.8041.32

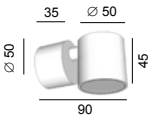
ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper)
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Other dimensions (customized)

max. efficacity 119lm/W

Typical luminous flux (lm)		
	3W	3,2W
2700 K	170	337
3000 K	170	354
4000 K		380
5000 K		381

code: 1105 . XXX . XX
led color



LED

D32	3,2W 350mA - 5000K - 70°
W03	3W 230V - 2700K - 70°
W32	3,2W 350mA - 2700K - 70°

3W 3000K = on request
3,2W 3000K / 4000K = on request

COLOR

01	White	0.3
02	Black	0.3
04	Brushed stainless steel	0.8
32	Anodized aluminum	0.3

Accessory
AC.8041.32
Lens 10°

Lens 01

Reference	Price €
AC.8041.32	33.50

Micro 1

Reference	Price €
1105._32.04	159.50
1105._32._ _	141.00
1105.W03.04	165.00
1105.W03._ _	146.50

DESCRIPTION

Body made in solid aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety plexiglass
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (not for 230V model)
Lens 10° - code: AC.8041.32

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper)
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Other dimensions (customized)

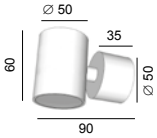
0,5 mm
IP65
IK09

Micro 2

max. efficacity 120lm/W

Typical luminous flux (lm)		
	2x 3W	2x 3,2W
2700 K	2x 170	2x 337
3000 K	2x 170	2x 354
4000 K		2x 380
5000 K		2x 381

code: 1106 . XXX . XX
led — color



LED

D32	2 x 3,2W 350mA - 5000K - 70°
W03	2 x 3W 230V - 2700K - 70°
W32	2 x 3,2W 350mA - 2700K - 70°

3W 3000K = on request
3,2W 3000K / 4000K = on request

COLOR

01	White	0.4
02	Black	0.4
04	Brushed stainless steel	0.8
32	Anodized aluminum	0.4

Micro 2

Reference	Price €
1106._32.04	202.00
1106._32._ _	175.50
1106.W03.04	213.00
1106.W03._ _	186.00

Koba 1

0,5

IP65

IK09

0,25

max. efficacity 119lm/W

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety plexiglass
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (not for 230V model)
Lens 10° - code: AC.8041.32

ON REQUEST

Other RAL colors or anodized black
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Other dimensions (customized)

Typical luminous flux (lm)		
	3W	3,2W
2700 K	170	337
3000 K	170	354
4000 K		380
5000 K		381

code: 8045 . XXX . XX
led color

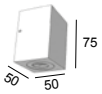
LED

D32	3,2W 350mA - 5000K - 70°
W03	3W 230V - 2700K - 70°
W32	3,2W 350mA - 2700K - 70°

3W 3000K = on request
3,2W 3000K / 4000K = on request

COLOR

01	White
02	Black
32	Anodized aluminum
39	Grey
48	Dark Grey (RAL 7016 structured)



Koba 1

Reference	Price €
8045.D32._ _	116.50
8045.W03._ _	127.50
8045.W32._ _	116.50

Accessory

AC.8041.32

Lens 10°

Lens 01

Reference	Price €
AC.8041.32	33.50

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety plexiglass
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (not for 230V model)
Lens 10° - code: AC.8041.32

ON REQUEST

Other RAL colors or anodized black
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Other dimensions (customized)

0,5

IP65

IK09

0,30

Koba 2

max. efficacity 120lm/W

Typical luminous flux (lm)		
	2x 3W	2x 3,2W
2700 K	2x 170	2x 337
3000 K	2x 170	2x 354
4000 K		2x 380
5000 K		2x 381

code: 8049 . XXX . XX
led color

LED

D32 2 x 3,2W 350mA - 5000K - 70°
W03 2 x 3W 230V - 2700K - 70°
W32 2 x 3,2W 350mA - 2700K - 70°

3W 3000K = on request
3,2W 3000K / 4000K = on request

COLOR

01 White
02 Black
32 Anodized aluminum
39 Grey
48 Dark Grey (RAL 7016 structured)

Koba 2

Reference	Price €
8049.D32._ _	159.50
8049.W03._ _	176.50
8049.W32._ _	159.50

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP65
Safety plexiglass
Dimmable led driver 230V & led incorporated
Energy class EC: A+

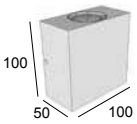
ACCESSORIES

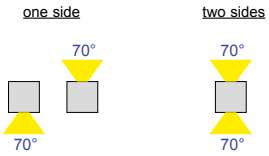
Lens 10° - code: AC.8041.32

ON REQUEST

Other RAL colors or anodized black
Other led colors : 3000K / 4000K

DIMMABLE





max. efficacity 119lm/W

Typical luminous flux (lm)	
	2x 3,2W
2700 K	2x 337
3000 K	2x 354
4000 K	2x 380
5000 K	2x 381

code: 8041. XXX . XX
led color

LED

D40	1 x 3,2W - 5000K
D80	2 x 3,2W - 5000K
W40	1 x 3,2W - 2700K
W80	2 x 3,2W - 2700K

3000K / 4000K = on request

COLOR

01	White
02	Black
32	Anodized aluminum
39	Grey
48	Dark Grey (RAL 7016 structured)

0,5

IP65

230V

IK09

1,00

Okio

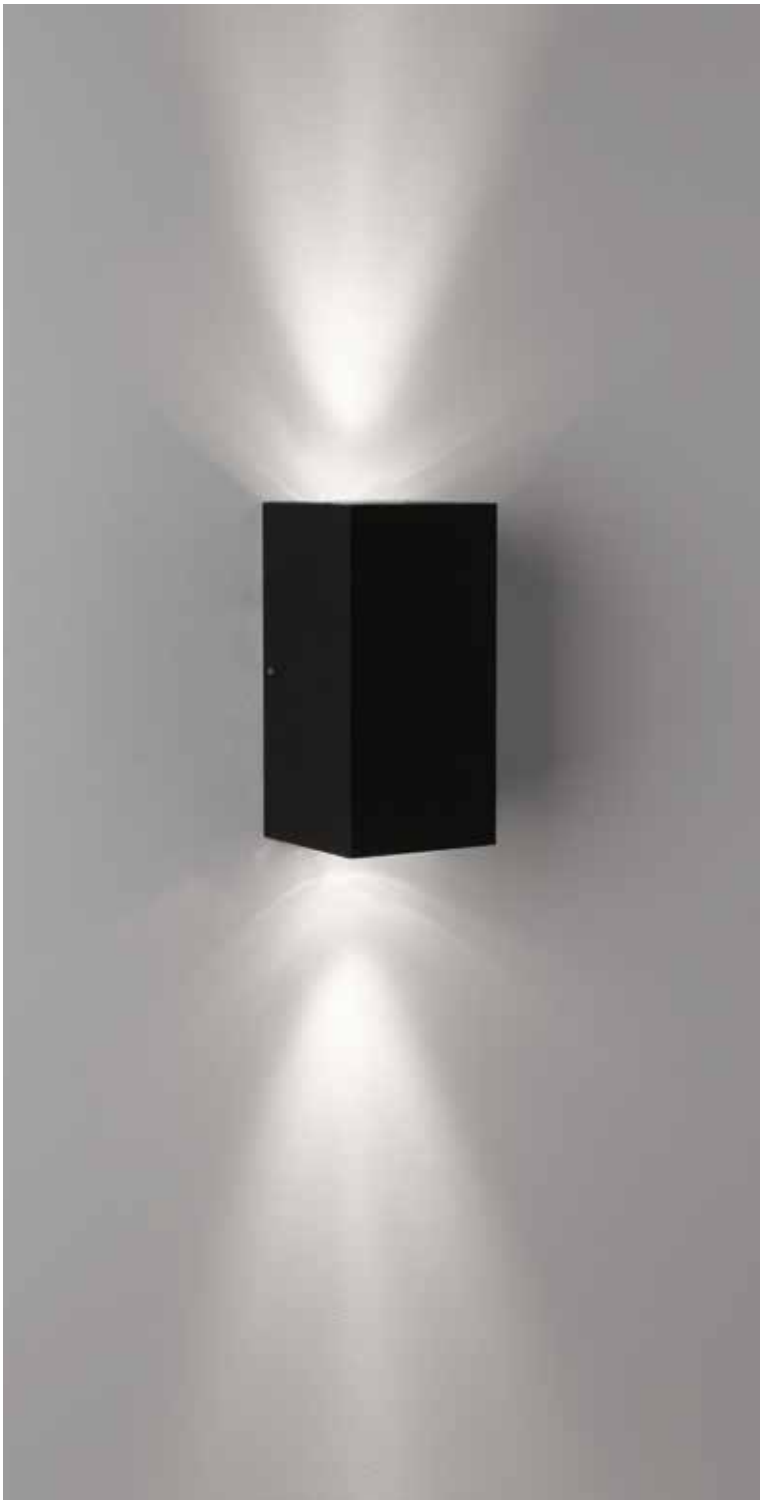
Accessory
AC.8041.32
Lens 10°

Lens 01

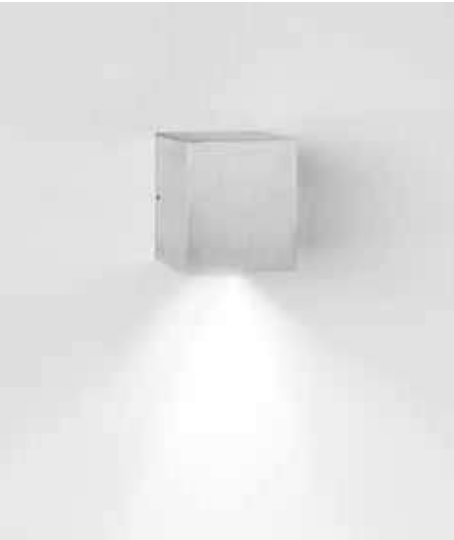
Reference	Price €
AC.8041.32	33.50

Okio

Reference	Price €
8041. _ 40._ _	249.00
8041. _ 80._ _	289.00



Cube 2L



Cube 1L

IP20

230V

0,50

DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP20
Energy class EC: A++/A

ON REQUEST

Other RAL colors or anodized black
Other dimensions (customized)

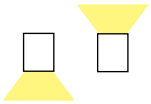
Cube 1L

Reference	Price €
902.EC._ _	108.00

Cube 2L

Reference	Price €
907.EC._ _	99.00

code: 902. EC . XX
color

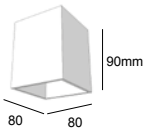


BULB

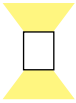
EC GU10 LED (max. height 70mm)

COLOR

00 Natural brushed aluminum
01 White
02 Black
39 Grey



code: 907. EC . XX
color

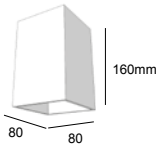


BULB

EC 2 x GU10 LED (max. height 60mm)

COLOR

00 Natural brushed aluminum
01 White
02 Black
39 Grey



Viva

DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP20
Available with dimmable led 230V incorporated
Only for led model: Safety sandblasted plexiglass
Energy class EC: A (led) or A++/A (GU)

ON REQUEST

Other RAL colors
Other dimensions (customized)
Other led color : 2700K

0,5

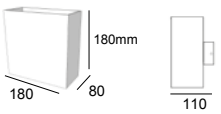
IP20

230V

CE

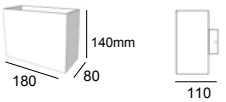
8021.EC._ _

1.9



8021.W_0._ _

1.6



max. efficacity 90lm/W

Typical luminous flux (lm)		
	2x 6W	2x 10W
2700 K	2x 480	2x 860
3000 K	2x 500	2x 900

code: 8021 . XX . XX
led bulb
color

LED / BULB

EC 4 x GU10 LED (max. height 60mm)
W20 2 x led 6W 230V - 3000K
W40 2 x led 10W 230V - 3000K

Led 2700K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

00 Natural brushed aluminum
01 White
02 Black
39 Grey

Viva

Reference	Price €
8021.EC.00	189.00
8021.EC.01/02/39	215.00
8021.W20.00	235.00
8021.W20.01/02/39	249.00
8021.W40.00	245.00
8021.W40.01/02/39	259.00

Omega

IP65

230V

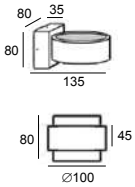
0,80

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP40
Safety sandblasted glass
Available with dimmable led 6W 230V incorporated
Energy class EC: A (led) or A++/A (G9)

ON REQUEST

Anodized black
Other RAL colors
Led 6W 230V 2700K (only ref. 910SA/914SA)
Led 10W 230V 2700K / 3000K (only ref. 910SA/914SA)

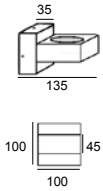


Taf

IP40

230V

1,20



DIMMABLE

code: 910SA. XX . 00 Omega 1
led bulb

code: 914SA. XX . 00 Taf 1
led bulb

LED / BULB

G9 G9 LED (max. diameter 32mm / height 60mm)
W6 Led 6W 230V - 3000K

Led 6W 2700K = on request
Led 10W 2700K / 3000K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

00 Natural brushed aluminum

max. efficacity 90lm/W

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

code: 913SA.G9.00 Omega 2

code: 917SA.G9.00 Taf 2

BULB

G9 G9 LED (max. diameter 32mm / height 60mm)

COLOR

00 Natural brushed aluminum

Omega 1

Reference	Price €
910SA.G9.00	157.00
910SA.W6.00	189.00

Omega 2

Reference	Price €
913SA.G9.00	145.50

Taf 1

Reference	Price €
914SA.G9.00	206.50
914SA.W6.00	239.00

Taf 2

Reference	Price €
917SA.G9.00	228.00

Circo

Exterior

Ceiling light

Circo

IP65

IK04

DESCRIPTION

Body made in solid anodized aluminum
Cover plate 4mm in anodised aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65
Class 1 (230V) or Class 3 (350mA)
Safety clear glass
Led incorporated
(available with dimmable led 6W 230V incorporated)
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (for led 3,2W/6,5W/9,5W)

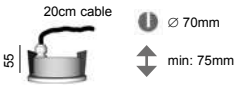
ON REQUEST

Other RAL colors or anodized black
Led 3,2W - 6,5W - 9,5W 350mA 3000K / 4000K
Led 6W 230V 2700K
Led 10W 230V 2700K / 3000K
IK10 with clear or sandblasted safety plexiglass

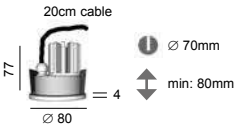
max. efficacity 152lm/W

Typical luminous flux (lm)				
230V		350mA		
	6,0W	3,2W	6,5W	9,5W
2700 K	480	337	807	1215
3000 K	500	354	845	1265
4000 K		380	877	1316
5000 K		381	959	1443

Led 3,2W
6,0W
6,5W



Led 9,5W



code: 1165. X XX . XX (led / power / color)

DIMMABLE

LED

D 5000K
W 2700K

3000K / 4000K = on request
Beam angle 20° = on request
Dim-To-Warm 1800K-3000K = on request

POWER

37 3,2W 350mA - 40°
38 6,5W 350mA - 40°
39 9,5W 350mA - 40°

COLOR

04 Brushed stainless steel
32 Anodized aluminum

LED

W 3000K

2700K = on request
Beam angle 20° = on request
10W 230V 2700K / 3000K = on request
Dim-To-Warm 1800K-3000K = on request

POWER

06 6,0W 230V - 40°

COLOR

04 Brushed stainless steel
32 Anodized aluminum

Circo

Reference	Price €
1165._37.04	149.50
1165._37.32	122.00
1165._38.04	152.00
1165._38.32	124.50
1165._39.04	175.00
1165._39.32	149.00

Circo

Reference	Price €
1165.W06.04	162.00
1165.W06.32	134.50

code: 1167.GX.16

DESCRIPTION

Body made in stainless steel 316L
Screws in stainless steel
Degree of protection IP20
Energy class EC: A++/A

IP20
12V

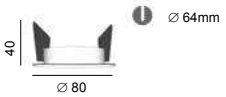
BULB

GX GU5,3 LED 12V

COLOR

16 Brushed stainless steel 316L

Vista GX



code: 1168.GX.16

DESCRIPTION

Body made in stainless steel 316L
Screws in stainless steel
Degree of protection IP20
Energy class EC: A++/A

IP20
12V

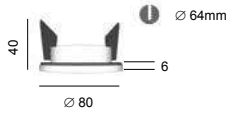
BULB

GX GU5,3 LED 12V

COLOR

16 Brushed stainless steel 316L

Static



code: 1166.GX.XX
color

DESCRIPTION

Body made in aluminum
Cover plate in stainless steel or Anodised aluminum
Screws in stainless steel
Safety clear glass
Degree of protection IP44
Energy class EC: A++/A

IP44
12V

ON REQUEST

Other RAL colors or anodized black

BULB

GX GU5,3 LED 12V

COLOR

04 Brushed stainless steel
32 Anodized aluminum

Banio

Accessory
CX.010
GU10 fitting - classe 2

Socket GU10

Reference	Price €
CX.010	0.90

Vista GX

Reference	Price €
1167.GX.16	96.00

Static

Reference	Price €
1168.GX.16	71.00

Banio

Reference	Price €
1166.GX.04	94.00
1166.GX.32	59.50

Micro TR

IP65
IK09

DESCRIPTION

Body made in solid aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety plexiglass
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (not for 230V model)
Lens 10° - code: AC.8041.32

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper)
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Other dimensions (customized)

max. efficacity 119lm/W

Typical luminous flux (lm)		
	3W	3,2W
2700 K	170	337
3000 K	170	354
4000 K		380
5000 K		381

code: 1107. XXX . XX
led — color

LED

D32	3,2W 350mA - 5000K - 70°
W03	3W 230V - 2700K - 70°
W32	3,2W 350mA - 2700K - 70°

3W 230V 3000K = on request
3,2W 350mA 3000K / 4000K = on request

COLOR

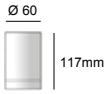
01	White
02	Black
04	Brushed stainless steel
32	Anodized aluminum

Max TR

IP65
230V
IK09

DESCRIPTION

Body made in aluminum, stainless steel, brass or copper
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear plexiglass
Energy class EC: A++/A



ACCESSORIES

Anti-glare ring - code: AC.7001.AG._ _

ON REQUEST

Other RAL colors
Anodised aluminum or black
Other dimensions (customized)

code: 756. GU . XX
color

BULB

GU	GU10 LED (max. height 58mm)

COLOR

00	Natural brushed aluminum	0.4
02	Black	0.4
04	Brushed stainless steel	0.6
07	Brushed brass	0.8
21	Brushed copper	0.8
39	Grey	0.4

Accessory

AC.7001.AG._ _

Ø 65 mm
Height 85mm

Anti-glare 02

Reference	Price €
AC.7001.AG.02A	28.00
AC.7001.AG.32	28.00

Accessory

AC.8041.32

Lens 10°

Lens 01

Reference	Price €
AC.8041.32	33.50

Micro TR

Reference	Price €
1107.D32.04	127.00
1107.D32._ _	99.50
1107.W03.04	132.70
1107.W03._ _	106.00
1107.W32.04	127.00
1107.W32._ _	99.50

Max TR

Reference	Price €
756.GU.00	103.50
756.GU.02	110.00
756.GU.04	129.00
756.GU.07	151.50
756.GU.21	162.50
756.GU.39	110.00

Photographie: Rizou Konstandinou

Koba TR

0,5

IP65

IK09

DESCRIPTION

Body made in solid aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety plexiglass
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (not for 230V model)
Lens 10° - code: AC.8041.32

ON REQUEST

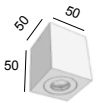
Other RAL colors or anodized black
Other materials (brass / copper)
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Other dimensions (customized)

max. efficacity 119lm/W

Typical luminous flux (lm)		
	3W	3,2W
2700 K	170	337
3000 K	170	354
4000 K		380
5000 K		381

0,25

code: 8047. XXX . XX
led color



LED

D32 3,2W 350mA - 5000K - 70°
W03 3W 230V - 2700K - 70°
W32 3,2W 350mA - 2700K - 70°

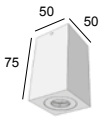
3W 230V 3000K = on request
3,2W 350mA 3000K / 4000K = on request

COLOR

01 White
02 Black
32 Anodized aluminum
39 Grey
48 Dark Grey (RAL 7016 structured)

0,40

code: 8048. XXX . XX
led color



LED

D32 3,2W 230V - 5000K - 70°
W32 3,2W 230V - 2700K - 70°

3000K / 4000K = on request

COLOR

01 White
02 Black
32 Anodized aluminum
39 Grey
48 Dark Grey (RAL 7016 structured)

Accessory

AC.8041.32
Lens 10°

Lens 01

Reference	Price €
AC.8041.32	33.50

Koba TR

Reference	Price €
8047.D32._ _	116.50
8047.W03._ _	127.00
8047.W32._ _	116.50

Reference	Price €
8048.D32._ _	149.00
8048.W32._ _	149.00

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65
Safety clear glass
Energy class EC: A++/A

ON REQUEST

IK09 with clear or sandblasted safety plexiglass

0,5

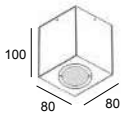
IP65

230V

IK04

1,30

Cube TR



code: 906.GU.XX
color

BULB

GU GU10 LED (max. height 52mm)

COLOR

02A Anodized black
32 Anodized aluminum

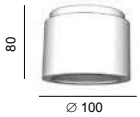
Cube TR

Reference	Price €
906.GU.02A	239.00
906.GU.32	239.00

IP65

230V

Soled



DESCRIPTION

Body made in profile aluminum
Degree of protection IP65
Safety clear glass
Dimmable Led 230V incorporated
Energy class EC: A

ACCESSORIES

Anti-glare honeycomb : Louver ref: X060.082.3

ON REQUEST

Other RAL colors or anodized black
Other materials (stainless steel, …)
Sandblasted glass
Other led color : 2700K
Other dimensions (customized)

max. efficacity 90lm/W

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

code: 8090. XX X . XX
led
°angle
color

DIMMABLE

LED

W2 6W - 3000K
W3 10W - 3000K

Led 2700K = on request
Led Dim-To-Warm 1800K-3000K = on request

ANGLE

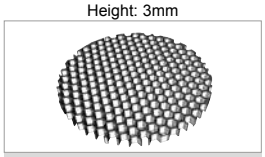
1 Reflector 16°
2 Reflector 40°

COLOR

01 White
02 Black
32 Anodized aluminum

Accessory

X060.082.3
Ø 82 mm
Height: 3mm



Louver

Soled

Reference	Price €
8090.W2_._ _	199.00
8090.W3_._ _	209.00

Reference	Price €
X060.082.3	15.90

Paco

Sounio

0.5

IP65

230V

DESCRIPTION

Body made in profile aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Available with dimmable led 6W 230V incorporated
Energy class EC: A++/A

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / ...)
Led 6W 230V - 2700K
Available with lamp socket GX53

max. efficacity 83lm/W

Typical luminous flux (lm)	
	6W
2700 K	480
3000 K	500

code: 909SA. XX . XX
led bulb
color

DIMMABLE

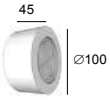
LED / BULB

G9 G9 LED (max. diameter 32mm / height 65mm)
W6 Led 6W 230V - 3000K

Led 6W 2700K = on request
Led Dim-To-Warm 1800K-3000K = on request

COLOR

04 Brushed stainless steel 0.6
32 Anodized aluminum 0.4



code: 908SA. XX . 32
led bulb

DIMMABLE

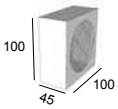
LED / BULB

G9 G9 LED (max. diameter 32mm / height 65mm)
W6 Led 6W 230V - 3000K

Led 6W 2700K = on request
Led Dim-To-Warm 1800K-3000K = on request

COLOR

32 Anodized aluminum 0.7



Paco

Reference	Price €
909SA.G9.04	138.00
909SA.G9.32	104.00
909SA.W6.04	168.00
909SA.W6.32	134.00

Sounio

Reference	Price €
908SA.G9.32	119.00
908SA.W6.32	149.00

DESCRIPTION

Body made in stainless steel
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Available with dimmable led 230V incorporated
Energy class EC: A++/A

ON REQUEST

Other RAL colors
Other led colors : 2700K

IP65
230V

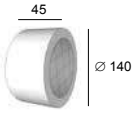
Ampas

max. efficacity 90lm/W

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

code: 8015. XXX . 04
led bulb

DIMMABLE



LED / BULB

G9 2 x G9 LED (max. diameter 20mm / lenght 95mm)
W80 Led 6W 230V - 3000K
W90 Led 10W 230V - 3000K

Led 2700K = on request
Led Dim-To-Warm 1800K-3000K = on request

COLOR

04 Brushed stainless steel

Ampas

Reference	Price €
8015.G9.04	165.00
8015.W80.04	195.00
8015.W90.04	205.00

Vodis A

Vodis B

0,5

IP54

230V

IK02

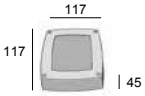
DESCRIPTION

Body made in cast aluminum or brass
Screws in stainless steel
Degree of protection IP54
Sandblasted white glass
Energy class EC: A++/A

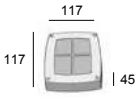
ON REQUEST

Other RAL colors

code: 1139 . XX
color



code: 1140 . XX
color



BULB

G9 LED (max. diameter 17mm / lenght 56mm)

COLOR

00 Natural aluminum
07 Natural brass

0.4
0.8

Vodis A

Reference	Price €
1139.00	54.00
1139.07	82.50

Vodis B

Reference	Price €
1140.00	54.00
1140.07	82.50

DESCRIPTION

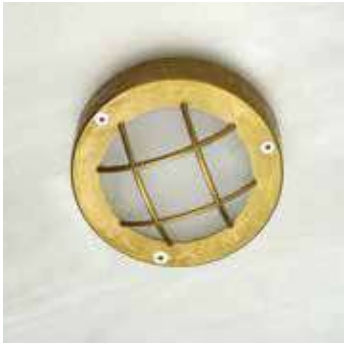
Body made in cast aluminum or brass
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Available with led 3W 230V incorporated
Energy class EC: A++/A

ON REQUEST

Other RAL colors
Led 3W 230V 3000K

IP65
230V
IK03

Cobus A

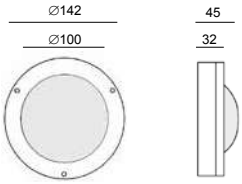


Cobus B

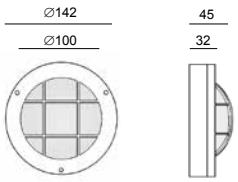
max. efficacity 40lm/W

Typical luminous flux (lm)	
	3W
2700 K	170
3000 K	170

code: 1134 . XXX . XX
led bulb
color



code: 1138 . XXX . XX
led bulb
color



LED / BULB

G9 G9 LED (max. diameter 20mm / lenght 65mm)
W40 Led 3W 230V - 2700K

LED 3W 3000K = on request

COLOR

00 Natural aluminum 0.5
01 White 0.5
02 Black 0.5
07 Natural brass 1.1
39 Grey 0.5

Cobus A

Reference	Price €
1134.G9.00	55.00
1134.G9.01	65.00
1134.G9.02	65.00
1134.G9.07	86.50
1134.G9.39	65.00
1134.W40.00	99.00
1134.W40.01	109.00
1134.W40.02	109.00
1134.W40.07	132.50
1134.W40.39	109.00

Cobus B

Reference	Price €
1138.G9.00	55.00
1138.G9.01	65.00
1138.G9.02	65.00
1138.G9.07	86.50
1138.G9.39	65.00
1138.W40.00	99.00
1138.W40.01	109.00
1138.W40.02	109.00
1138.W40.07	132.50
1138.W40.39	109.00

Ringo A

IP54

230V

IK02

0,70

DESCRIPTION

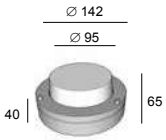
Body made in cast aluminum
Screws in stainless steel
Degree of protection IP54
Safety sandblasted glass
Available with dimmable led 6W 230V incorporated
Energy class EC: A++/A

ON REQUEST

Other RAL colors
Led 6W 230V 2700K

code: 504. XX . XX
led color

DIMMABLE



LED / BULB

T2 GX53 LED (max. diameter 80mm / height 26mm)
W1 Led 6W 230V - 3000K

Led 6W 2700K = on request
Led Dim-To-Warm 1800K-3000K = on request

COLOR

00 Natural aluminum
01 White
02 Black
48 Dark Grey (RAL 7016 structured)

Mani R

IP45

230V

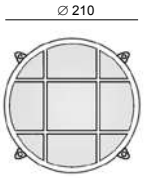
DESCRIPTION

Body made in cast aluminum or brass
Screws in stainless steel
Degree of protection IP45
Safety sandblasted glass
Energy class EC: A++/A

ON REQUEST

Other RAL colors

code: 111 . XX
color



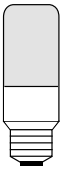
BULB

E27 LED (max. diameter 45mm / height 137mm)

COLOR

00 Natural aluminum 1.1
07 Natural brass 2.4

Accessory



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

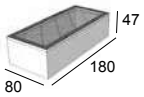
Reference	Price €
LED.E201.10830	9.90

Ringo A

Reference	Price €
504.T2.00	78.00
504.T2.01	88.00
504.T2.02	88.00
504.T2.48	88.00
504.W1.00	118.00
504.W1.01	128.00
504.W1.02	128.00
504.W1.48	128.00

Mani R

Reference	Price €
111.00	59.00
111.07	126.00



DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety sandblasted plexiglass
Dimmable led 230V incorporated
Energy class EC: A

ON REQUEST

Other RAL colors
Other led colors : 2700K

IP65
230V
IK09

Squadra TR

code: 8039 . XXX . XX
led bulb
color

LED

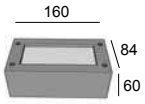
W80 Led 6W 230V - 3000K
W90 Led 10W 230V - 3000K

2700K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

01 White
02 Black
39 Grey
48 Dark Grey (RAL 7016 structured)

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900



DESCRIPTION

Body made in cast aluminum
Screws in stainless steel
Degree of protection IP54
Safety sandblasted glass
Energy class EC: A++/A

ON REQUEST

Other RAL colors

IP54
230V
IK02

Linus 2

code: 595. XX
color

BULB

G9 LED (max. diameter 17mm / lenght 85mm)

COLOR

00 Natural brushed aluminum
01 White
02 Black
48 Dark Grey (RAL 7016 structured)

Squadra TR

Reference	Price €
8039.W80._ _	175.00
8039.W90._ _	185.00

Linus 2

Reference	Price €
595._ _	89.00

Lotus D

Lotus E

0,5

IP54

230V

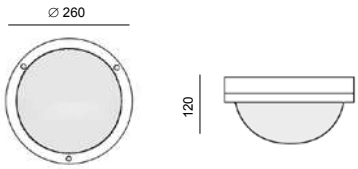
IK02

1,70

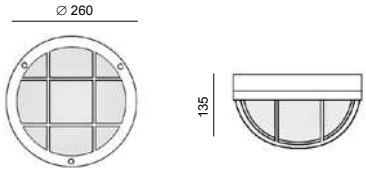
max. efficacity 107lm/W

Typical luminous flux (lm)		
	6W	14W
2700 K	480	
3000 K	500	1500
4000 K		1500

code: 134 . XXX . XX
led bulb
color



code: 138 . XXX . XX
led bulb
color



LED / BULB

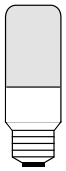
E27 E27 LED (max. diameter 45mm / height 137mm)
W40 Led 6W 230V - 3000K
W80 Led 14W 230V - 3000K
WD1 Led 14W 230V - 3000K with detector

Led 6W 2700K = on request
Led 14W 4000K = on request
Led Dim-To-Warm 1800K-3000K = on request

COLOR

00 Natural aluminum
01 White
02 Black

Accessory



code: LED.E203.16830

Led bulb E27 16W 3000K 240V
diameter 45mm / height 136mm

LED E27 16W 1521 lumen

Reference	Price €
LED.E203.16830	19.90

Lotus D

Reference	Price €
134.E27._ _	89.00
134.W40._ _	159.00
134.W80._ _	199.00
134.WD1._ _	249.00

Lotus E

Reference	Price €
138.E27._ _	99.00
138.W40._ _	169.00
138.W80._ _	209.00
138.WD1._ _	259.00

Achtung: Die Serie LOTUS wird nicht nach Deutschland geliefert.

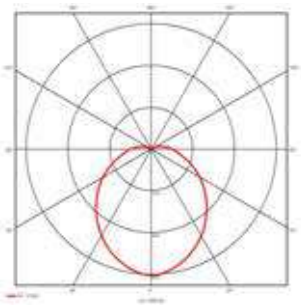
Lotus LED with detector

DESCRIPTION

Body made in cast aluminum
Screws in stainless steel
Degree of protection IP54
Safety sandblasted glass
Available with led 230V incorporated
Energy class EC: A++/A

ON REQUEST

Other RAL colors
Only for led 6W 230V : 2700K
Only for led 14W 230V : 4000K



Advantages

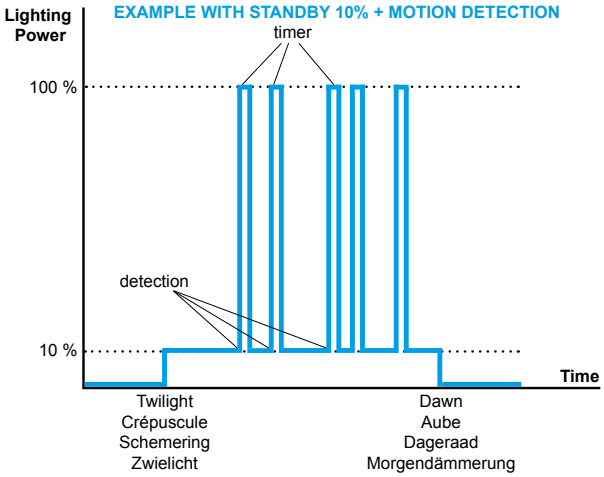
- Timeless design
- Also available with motion detector for:
  - significant energy savings
  - a reduction of light pollution
  - a convenient and secure function to the site
  - an extension to the LED lifetime

Applications

- Footpath
- Car park
- Building entrance
- PRM area

With led 14W

- Motion detector (around 8m) with:
  - standby function with orientation lighting of 10%
  - timer 10 sec. to 15 min.
  - Twilight function



Yorka A

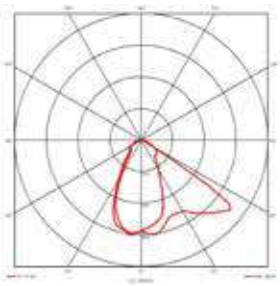
Astro 2

Exterior

Wall light

Krypto 1

IP65
IK06



DESCRIPTION

Body made in solid anodized aluminum
Degree of protection IP65
Safety clear plexiglass
Class 1 (230V) or Class 3 (350mA)
Provided with 20cm cable
Led 1,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

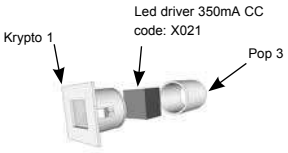
ACCESSORIES

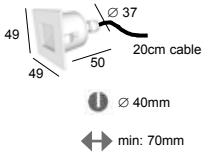
Recessed box - Pop 3
Led driver 350mA CC (not for 230V model)

ON REQUEST

RAL colors
led 1,2W 3000K or 3W 3000K
Led 3,2W 350mA: 2700K / 3000K / 4000K / 5000K
Sandblasted plexiglass

Installation on 220-240V 50/60 Hz





max. efficacity 120lm/W

Typical luminous flux (lm)			
	350mA		230V
	1,2W	3,2W	3W
2700 K	125	337	170
3000 K	135	354	170
4000 K		380	
5000 K	145	381	

code: 1187. XXX . XX
led color

LED

D11 1,2W 350mA - 5000K
W11 1,2W 350mA - 2700K
W30 3W 230V - 2700K

1,2W 350mA 3000K = on request
3W 230V 3000K = on request

COLOR

02A Anodized black
32 Anodized aluminum

Krypto 1

Reference	Price €
1187.D11._ _	104.50
1187.W11._ _	104.50
1187.W30._ _	114.50

Accessory

X053
Ø 45 mm
Length: 55mm

Pop 3

Reference	Price €
X053	2.60

Krypto 2

0,5

IP65

IK06

0,20

DESCRIPTION

Body made in solid anodized aluminum
Degree of protection IP65
Safety clear plexiglass
Class 1 (230V) or Class 3 (350mA)
Provided with 20cm cable
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

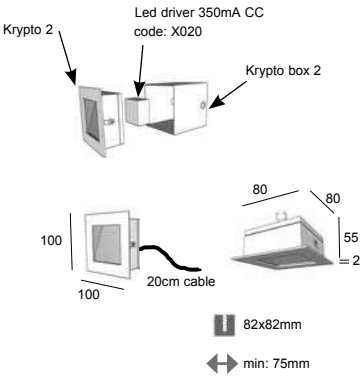
ACCESSORIES

Recessed box - Krypto box 2
Led driver 350mA CC (not for 230V model)

ON REQUEST

RAL colors
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Sandblasted plexiglass

Installation on 220-240V 50/60 Hz



Krypto 3

0,5

IP65

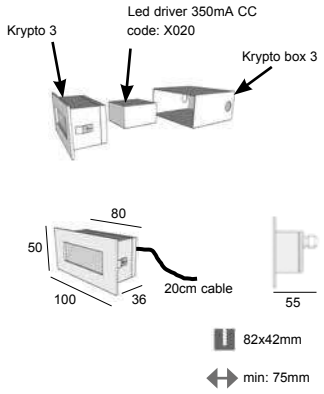
IK06

0,15

ACCESSORIES

Recessed box - Krypto box 3
Led driver 350mA CC (not for 230V model)

Installation on 220-240V 50/60 Hz



code: 1188. XXX . XX
led color

code: 1189. XXX . XX
led color

max. efficacity 120lm/W

Typical luminous flux (lm)			
	350mA		230V
	1,2W	3,2W	3W
2700 K	125	337	170
3000 K	135	354	170
4000 K		380	
5000 K	145	381	

LED

D21 3,2W 350mA - 5000K
W21 3,2W 350mA - 2700K
W30 3W 230V - 2700K

3,2W 350mA 3000K / 4000K = on request
3W 230V 3000K = on request

COLOR

02A Anodized black
32 Anodized aluminum

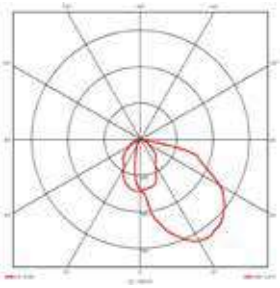
Krypto 2

Reference	Price €
1188.D21._ _	165.00
1188.W21._ _	165.00
1188.W30._ _	173.50

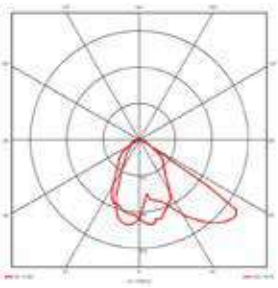
Krypto 3

Reference	Price €
1189.D21._ _	138.00
1189.W21._ _	138.00
1189.W30._ _	146.50

Krypto 2



Krypto 3



Accessories

X064
94x94 mm
Length: 85mm

Krypto box 2

Reference	Price €
X064	13.90

X065
94x46 mm
Length: 85mm

Krypto box 3

Reference	Price €
X065	12.00

Yorka A

code: 8010.XXX.XX

Yorka B

code: 8011.XXX.X

Yorka C

code: 8057.XXX.XX

Yorka D

code: 8058.XXX.XX

Yorka E

code: 8059.XXX.XX

Yorka F

code: 8060.XXX.XX

Yorka G

code: 8061.XXX.XX

IP65
IK09

DESCRIPTION

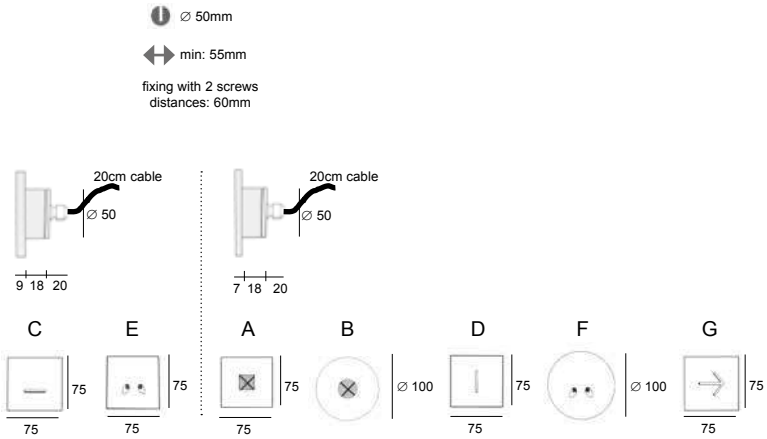
Body made in solid aluminum
Degree of protection IP65
Class 1 (230V) or Class 3 (350mA)
IK09 only for model C/D/E/F/G
Safety sandblasted glass
Led 1,2W 350mA or 3W 230V incorporated
Coverplate with thickness 7mm or 9mm
Provided with 20cm cable
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

To use with a standard box (depth minimum 55 mm)
Led driver 350mA CC for led 1,2W

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper / stainless steel)
led 1,2W 3000K or 3W 3000K
led 3,2W 350mA 2700K/3000K/4000K/5000K
Other dimensions (customized)



compatible for use with standard box

max. efficacity 120lm/W

Typical luminous flux (lm)			
	350mA		230V
	1,2W	3,2W	3W
2700 K	125	337	170
3000 K	135	354	170
4000 K		380	
5000 K	145	381	

code: 80_ _ . XXX . XX
led color

LED

D11	1,2W 350mA - 5000K
W11	1,2W 350mA - 2700K
W40	3W 230V - 2700K

COLOR

01	White
02	Black
32	Anodized aluminum
39	Grey

3000K = on request
3,2W 350mA 2700K / 3000K / 4000K / 5000K = on request

Yorka

Reference	Price €
80_ _.D11._ _	135.00
80_ _.W11._ _	135.00
80_ _.W40._ _	140.00

0,5

IP65

IK09

0,30

Hydro

DESCRIPTION

Body made in solid aluminum
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety sandblasted glass
Led 1,2W 350mA or 3W 230V incorporated
Coverplate with thickness 23mm
Provided with 20cm cable
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

To use with a standard box (depth minimum 55 mm)
Led driver 350mA CC for led 1,2W

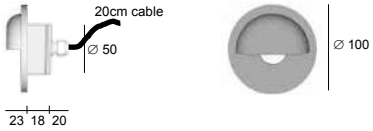
ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper / stainless steel)
led 1,2W 3000K or 3W 3000K
led 3,2W 350mA 2700K/3000K/4000K/5000K
Other dimensions (customized)

∅ 50mm

min: 55mm

fixing with 2 screws
distances: 60mm



compatible for use with standard box

code: 8062. XXX . XX
led color

LED

D11	1,2W 350mA - 5000K
W11	1,2W 350mA - 2700K
W40	3W 230V - 2700K

COLOR

02	Black
24	Corten
39	Grey
48	Dark Grey (RAL 7016 structured)

3000K = on request
3,2W 350mA 2700K / 3000K / 4000K / 5000K = on request

max. efficacity 120lm/W

Typical luminous flux (lm)			
	350mA		230V
	1,2W	3,2W	3W
2700 K	125	337	170
3000 K	135	354	170
4000 K		380	
5000 K	145	381	

Hydro

Reference	Price €
8062.D11._ _	135.00
8062.W11._ _	135.00
8062.W40._ _	140.00

Kara

Twist

IP65

230V

DESCRIPTION

Body made in solid anodized aluminum
Cover plate 3mm in stainless steel or brass
Safety sandblasted glass
Degree of protection IP65
Provided with 20cm cable
Available with dimmable led 6W 230V incorporated
Energy class EC: A (led) or A++/A (G9)

ACCESSORIES

Recessed box - Pop 2
IP68 connection : Connex 2 / Connex 3

ON REQUEST

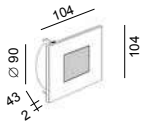
Other RAL colors or anodized black
Other dimensions (customized)
Sandblasted plexiglass (IK07)
Other cable length (customized)
Available with lamp socket GX53

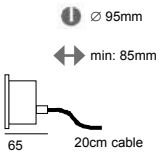
max. efficacity 83lm/W

Typical luminous flux (lm)	
	6W
2700 K	480
3000 K	500

code: 1103 . XX . XX
led bulb
color

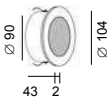
0,45

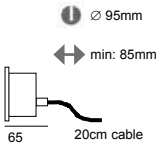




code: 1104 . XX . XX
led bulb
color

0,40





LED / BULB

G9 G9 LED (max. diameter 32mm / height 60mm)
W6 Led 6W 230V - 3000K

Led 6W 2700K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

04 Brushed stainless steel
07 Brushed brass

Accessory

X017
Ø 100 mm
Length: 65mm

Pop 2

Reference	Price €
X017	4.10

Kara

Reference	Price €
1103.G9._ _	168.00
1103.W6._ _	198.00

Twist

Reference	Price €
1104.G9._ _	155.00
1104.W6._ _	185.00

DESCRIPTION

Body made in solid stainless steel
Cover plate 3mm in stainless steel or brass
Safety sandblasted glass
Degree of protection IP65
Led 350mA incorporated
Energy class EC: A+

ACCESSORIES

Recessed box - Pop 1a
Led driver 350mA CC

ON REQUEST

Other RAL colors or anodized black
Other led color: 3000K
Led 3,2W 2700K / 3000K / 40000K / 5000K
Other dimensions (customized)

Quadris

Ziko

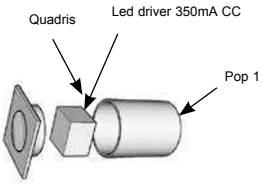
IP65

350mA

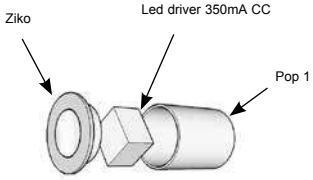
max. efficacity 120lm/W

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

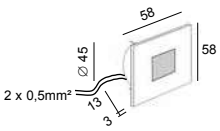
Installation on 220-240V 50/60 Hz



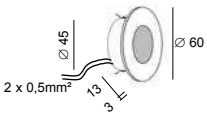
Installation on 220-240V 50/60 Hz



code: 1101. XXX . XX
led color



Ø 50mm
min: 35mm



Ø 50mm
min: 35mm

code: 1102. XXX . XX
led color

LED

D11 1,2W - 5000K
W11 1,2W - 2700K

3000K = on request
3,2W 2700K / 3000K / 4000K / 5000K = on request

COLOR

04 Brushed stainless steel
07 Brushed brass

Accessory

X016A
Ø 55 mm
Length: 65mm

Pop 1a

Quadris

Reference	Price €
1102._11._ _	99.00

Ziko

Reference	Price €
1101._11._ _	87.00

Reference	Price €
X016A	2.80

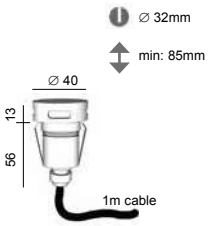
Tango R

IP67
350mA
IK10

code: 8085H. XXX . XX

code: 8085V. XXX . XX

code: 8085X. XXX . XX
led color



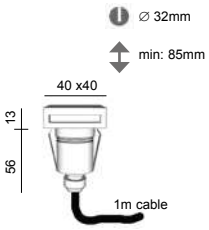
Tango K

IP67
350mA
IK10

code: 8087H. XXX . XX

code: 8087V. XXX . XX

code: 8087X. XXX . XX
led color



max. efficacity 119lm/W

Typical luminous flux (lm)	
	3,2W
2700 K	337
3000 K	354
4000 K	380
5000 K	381

LED

D30 3,2W - 5000K
W30 3,2W - 2700K

3000K / 4000K = on request

COLOR

01 White
22 Brown
39 Grey
48 Dark Grey (RAL 7016 structured)

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP67 - IK10
Safety clear plexiglass
Led 3,2W - 350mA incorporated
Provided with 1m cable
Energy class EC: A+

ACCESSORIES

Recessed box - Pop 9a or Pop 9b
Led driver 350mA CC
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / ...)
Other led colors : 3000K / 4000K
Other dimensions (customized)
Other cable length (customized)

Tango K

Reference	Price €
8087H._ _ _._ _	111.00
8087V._ _ _._ _	105.00
8087X._ _ _._ _	123.00

Tango R

Reference	Price €
8085H._ _ _._ _	110.00
8085V._ _ _._ _	103.00
8085X._ _ _._ _	122.00

Accessory

X068A	X068B
Ø 37 mm	Ø 37 mm
Length: 47mm	Length: 150mm

Pop 9a Pop 9b

Reference	Price €
X068A	0.90
X068B	7.90

Disco

IP65

350mA

IK08

DESCRIPTION

Body made in solid stainless steel
Screws in stainless steel
Degree of protection IP65 - IK08
Mat or clear plexiglass
Led 350mA incorporated
Energy class EC: A+

ACCESSORIES

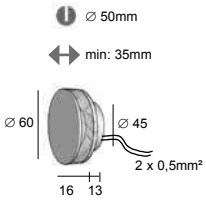
Recessed box - Pop 1a
Led driver 350mA CC

ON REQUEST

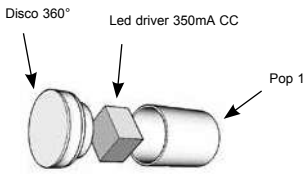
Other RAL colors or anodized black
Other led color: 3000K
Led 3,2W 350mA 2700K / 3000K / 4000K / 5000K
Other materials (aluminum / brass / copper)

max. efficacity 120lm/W

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381



Installation on 220-240V 50/60 Hz



code: 1155X . XXX . 04
plexiglass
led

PLEXIGLASS

A Mat plexiglass
B Clear plexiglass

LED

D11 1,2W - 5000K
W11 1,2W - 2700K

COLOR

04 Brushed stainless steel

3000K = on request
3,2W 2700K / 3000K / 4000K / 5000K = on request

Disco

Reference	Price €
1155A._11._ _	126.50
1155B._11._ _	126.50

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP67 - IK09
Safety plexiglass
Led 3,2W - 350mA - 385lm incorporated
Energy class EC: A+

ACCESSORIES

Recessed box - Pop 9a or Pop 9b
Led driver 350mA CC

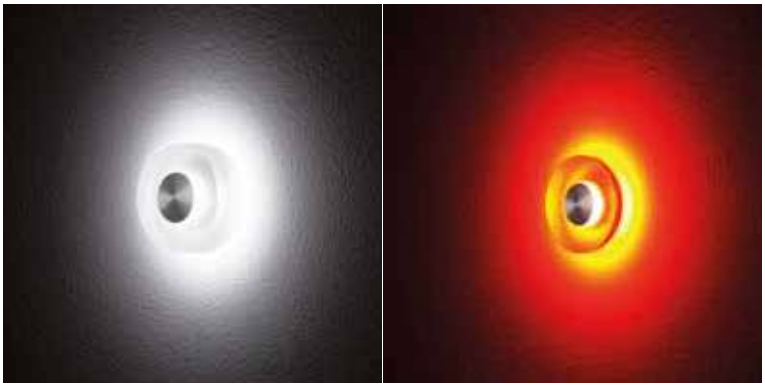
ON REQUEST

Blue plexiglass
Led 1,2W - 350mA - 125lm
Other dimensions (customized)

IP67

350mA

IK09



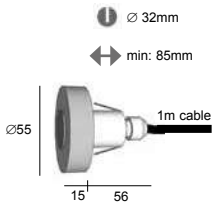
Aquadisc

code: 8089. D30 . XX
color

efficacity 120lm/W

COLOR

RP Red plexiglass
WP White plexiglass



Aquadisc

Reference	Price €
8089.D30.RP	119.00
8089.D30.WP	109.00

Omega-IN

IP44

230V

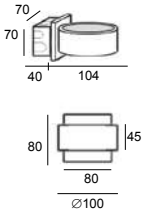
0,60

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP44 (head = IP65)
Safety sandblasted glass
Available with dimmable led 6W 230V incorporated
Recessed box included
Energy class EC: A (led) or A+/D (G9)

ON REQUEST

Anodized black
Other RAL colors
Led 6W 230V 2700K (only ref. 911SA/915SA)
Led 10W 230V 3000K (only ref. 911SA/915SA)

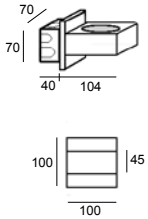


Taf-IN

IP44

230V

0,80



max. efficacity 90lm/W

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

code: 911SA. XX . 32
led bulb

LED / BULB		COLOR	
G9	G9 LED (max. diameter 32mm / height 60mm)	**32**	Anodized aluminum
W6	Led 6W 230V - 3000K		

Led 6W 2700K = on request
Led 10W 2700K / 3000K = on request
Dim-To-Warm 1800K-3000K = on request

code: 912SA. G9 . 32

BULB		COLOR	
G9	G9 LED (max. diameter 32mm / height 60mm)	**32**	Anodized aluminum

code: 915SA. XX . 32
led bulb

LED / BULB		COLOR	
G9	G9 LED (max. diameter 32mm / height 60mm)	**32**	Anodized aluminum
W6	Led 6W 230V - 3000K		

Led 6W 2700K = on request
Led 10W 2700K / 3000K = on request
Dim-To-Warm 1800K-3000K = on request

code: 916SA. G9 . 32

BULB		COLOR	
G9	G9 LED (max. diameter 32mm / height 60mm)	**32**	Anodized aluminum

Omega 1-IN

Reference	Price €
911SA.G9.32	168.00
911SA.W6.32	198.00

Omega 2-IN

Reference	Price €
912SA.G9.32	151.00

Taf 1-IN

Reference	Price €
915SA.G9.32	191.00
915SA.W6.32	221.00

Taf 2-IN

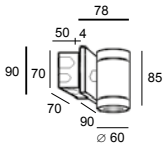
Reference	Price €
916SA.G9.32	209.00

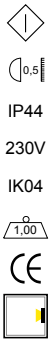
DESCRIPTION

Body made in stainless steel
Screws in stainless steel
Degree of protection IP44 (floodlight = IP65)
Safety clear glass
Recessed box included
Energy class EC: A++/A

ON REQUEST

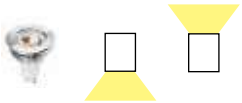
Other materials (aluminum, brass, copper, ...)
Other RAL colors or anodized black
Other dimensions (customized)





Max 1-IN

code: 928.GU.04

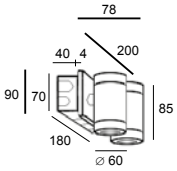


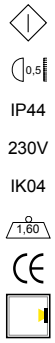
BULB

GU GU10 LED (max. height 56mm)

COLOR

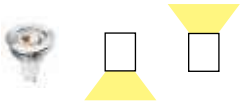
04 Brushed stainless steel





Max 2-IN

code: 929.GU.04

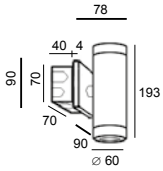


BULB

GU 2 x GU10 LED (max. height 56mm)

COLOR

04 Brushed stainless steel



Teka IN

code: 7521.GU.04

BULB

GU 2 x GU10 LED (max height 65mm)

COLOR

04 Brushed stainless steel

Max 1-IN

Reference	Price €
928.GU.04	159.00

Max 2-IN

Reference	Price €
929.GU.04	306.00

Teka IN

Reference	Price €
7521.GU.04	189.00

Koba 1

IP65
IK09

max. efficacity 119lm/W

Typical luminous flux (lm)		
	3W	3,2W
2700 K	170	337
3000 K	170	354
4000 K		380
5000 K		381

code: 8045 . XXX . XX
led color

LED

D32	3,2W 350mA - 5000K - 70°
W03	3W 230V - 2700K - 70°
W32	3,2W 350mA - 2700K - 70°

3W 3000K = on request
3,2W 3000K / 4000K = on request

COLOR

01	White
02	Black
32	Anodized aluminum
39	Grey
48	Dark Grey (RAL 7016 structured)

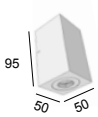
Koba 2

0,5

IP65

IK09

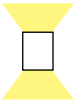
0,30



max. efficacity 120lm/W

Typical luminous flux (lm)		
	2x 3W	2x 3,2W
2700 K	2x 170	2x 337
3000 K	2x 170	2x 354
4000 K		2x 380
5000 K		2x 381

code: 8049 . XXX . XX
led color



LED

D32	2 x 3,2W 350mA - 5000K - 70°
W03	2 x 3W 230V - 2700K - 70°
W32	2 x 3,2W 350mA - 2700K - 70°

3W 3000K = on request
3,2W 3000K / 4000K = on request

COLOR

01	White
02	Black
32	Anodized aluminum
39	Grey
48	Dark Grey (RAL 7016 structured)

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety plexiglass
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (not for 230V model)
Lens 10° - code: AC.8041.32

ON REQUEST

Other RAL colors or anodized black
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Other dimensions (customized)

Accessory

AC.8041.32
Lens 10°

Lens 01

Reference	Price €
AC.8041.32	33.50

Koba 1

Reference	Price €
8045.D32._ _	116.50
8045.W03._ _	127.50
8045.W32._ _	116.50

Koba 2

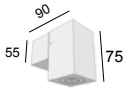
Reference	Price €
8049.D32._ _	159.50
8049.W03._ _	176.50
8049.W32._ _	159.50

Koba 1B

IP65

230V

IK09



max. efficacity 119lm/W

Typical luminous flux (lm)	
	3,2W
2700 K	337
3000 K	354
4000 K	380
5000 K	381

code: 8046 . XXX . XX
led color

LED

D32 3,2W 230V - 5000K - 70°
W32 3,2W 230V - 2700K - 70°

3000K / 4000K = on request

COLOR

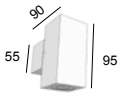
01 White
02 Black
32 Anodized aluminum
39 Grey
48 Dark Grey (RAL 7016 structured)

Koba 2B

IP65

230V

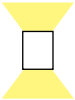
IK09



max. efficacity 119lm/W

Typical luminous flux (lm)	
	2x 3,2W
2700 K	2x 337
3000 K	2x 354
4000 K	2x 380
5000 K	2x 381

code: 8050 . XXX . XX
led color



LED

D32 2 x 3,2W 230V - 5000K - 70°
W32 2 x 3,2W 230V - 2700K - 70°

3000K / 4000K = on request

COLOR

01 White
02 Black
32 Anodized aluminum
39 Grey
48 Dark Grey (RAL 7016 structured)

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety plexiglass
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

Lens 10° - code: AC.8041.32

ON REQUEST

Other RAL colors or anodized black
Other led colors : 3000K / 4000K
Other dimensions (customized)

Accessory

AC.8041.32
Lens 10°

Lens 01

Reference	Price €
AC.8041.32	33.50

Koba 1B

Reference	Price €
8046.D32._ _	189.00
8046.W32._ _	189.00

Koba 2B

Reference	Price €
8050.D32._ _	235.00
8050.W32._ _	235.00

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP65
Safety plexiglass
Dimmable led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

Lens 10° - code: AC.8041.32

ON REQUEST

Other RAL colors or anodized black
Other led colors : 3000K / 4000K

Okio

0,5

IP65

230V

IK09

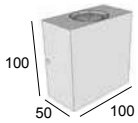
1,00

DIMMABLE

Accessory
AC.8041.32
Lens 10°

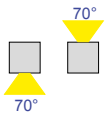
Lens 01

Reference	Price €
AC.8041.32	33.50



code: 8041. XXX . XX
led color

one side



two sides

max. efficacity 119lm/W

LED

D40	1 x 3,2W - 5000K
D80	2 x 3,2W - 5000K
W40	1 x 3,2W - 2700K
W80	2 x 3,2W - 2700K

3000K / 4000K = on request

COLOR

01	White
02	Black
32	Anodized aluminum
39	Grey
48	Dark Grey (RAL 7016 structured)

Typical luminous flux (lm)	
	2x 3,2W
2700 K	2x 337
3000 K	2x 354
4000 K	2x 380
5000 K	2x 381

Okio

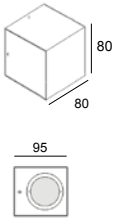
Reference	Price €
8041. _ 40._ _	249.00
8041. _ 80._ _	289.00

Cube 1L

IP65

230V

IK04



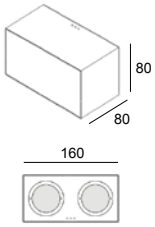
code: 902.GU.XX
color

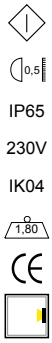
BULB

GU	GU10 LED (max. height 52mm)

COLOR

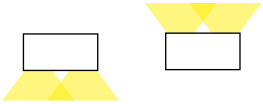
02A	Anodized black
32	Anodized aluminum





Cube Bis

code: 904.GU.XX
color



BULB

GU 2 x GU10 LED (max. height 52mm)

COLOR

02A Anodized black
32 Anodized aluminum

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65
Safety clear glass
Energy class EC: A++/A

ON REQUEST

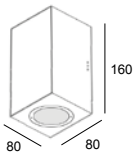
IK09 with clear or sandblasted safety plexiglass

Cube 1L

Reference	Price €
902.GU.02A	239.00
902.GU.32	239.00

Cube Bis

Reference	Price €
904.GU.02A	359.00
904.GU.32	359.00



DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65
Safety clear glass
Energy class EC: A++/A

ON REQUEST

IK09 with clear or sandblasted safety plexiglass

0,5

IP65

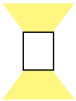
230V

IK04

1,90

Cube 2L

code: 907.GU.XX
color



BULB

GU 2 x GU10 LED (max. height 52mm)

COLOR

02A Anodized black
32 Anodized aluminum

Cube 2L

Reference	Price €
907.GU.02A	359.00
907.GU.32	359.00

Taf

IP65

230V

1,20

0,5

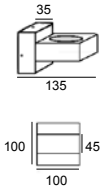
DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Available with dimmable led 6W or 10W 230V incorporated
Energy class EC: A (led) or A++/A (G9)

ON REQUEST

Other RAL colors
Other Led color: 2700K (only ref. 914SA)

DIMMABLE



max. efficacity 90lm/W

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

code: 914SA. XX . XX
led | bulb | color

LED / BULB

G9 G9 LED (max. diameter 32mm / height 60mm)
W6 Led 6W 230V - 3000K
W7 Led 10W 230V - 3000K

2700K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

02A Anodized black
32 Anodized aluminum

code: 917SA. G9 . XX
color

BULB

G9 G9 LED (max. diameter 32mm / height 60mm)

COLOR

02A Anodized black
32 Anodized aluminum

Taf

Reference	Price €
914SA.G9._ _	249.00
914SA.W6._ _	279.00
914SA.W7._ _	289.00

Taf

Reference	Price €
917SA.G9._ _	269.00

Keyko

IP65

230V

IK09

DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety sandblasted plexiglass
Led driver 230V & led incorporated
Energy class EC: A+

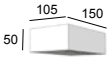
ON REQUEST

Other RAL colors
Other led colors : 3000K / 4000K
Led 9,5W : 2700K / 3000K / 4000K / 5000K
Other dimensions (customized)

max. efficacity 147lm/W

Typical luminous flux (lm)		
	6,5W	9,5W
2700 K	807	1120
3000 K	845	1143
4000 K	877	1218
5000 K	959	1332

code: 8056.1 XXX . XX
led color



LED

D37 6,5W - 5000K
W37 6,5W - 2700K

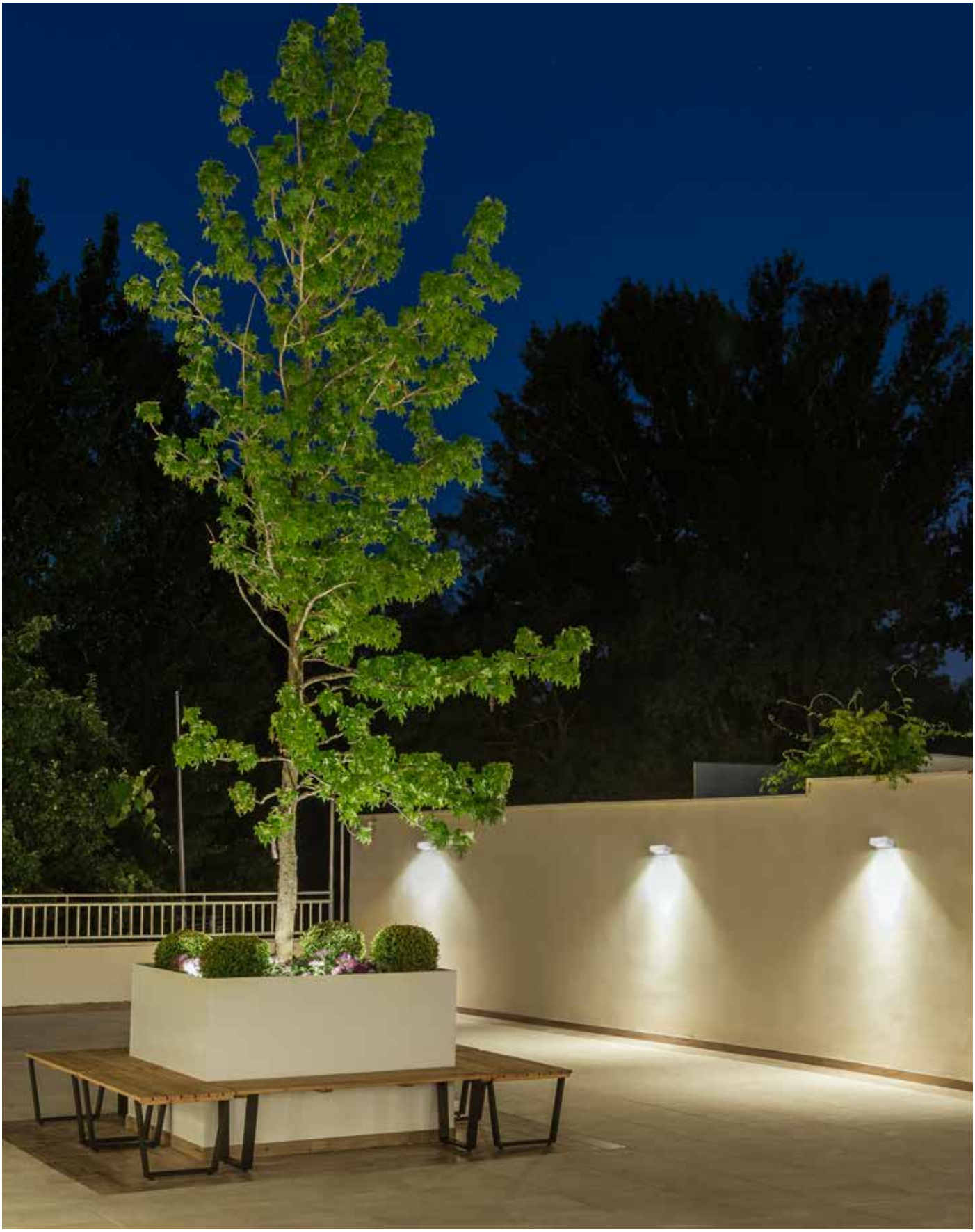
COLOR

01 White
02 Black
24 Corten
39 Grey
48 Dark Grey (RAL 7016 structured)

3000K / 4000K = on request
9,5W 2700K / 3000K / 4000K / 5000K = on request
Dim-To-Warm 1800K-3000K = on request

Keyko

Reference	Price €
8056.1_ _ _._ _	259.00



Torga D

IP65

230V

IK09

DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety sandblasted plexiglass
Led driver 230V & led incorporated
Energy class EC: A+

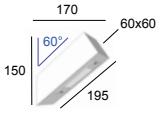
ON REQUEST

Other RAL colors
Other led colors : 3000K / 4000K
Led 9,5W : 2700K / 3000K / 4000K / 5000K
Other dimensions (customized)

max. efficacity 147lm/W

Typical luminous flux (lm)		
	6,5W	9,5W
2700 K	807	1120
3000 K	845	1143
4000 K	877	1218
5000 K	959	1332

code: 8008.1 XXX . XX
led color



LED

D37 6,5W - 5000K
W37 6,5W - 2700K

COLOR

02 Black
24 Corten
39 Grey
48 Dark Grey (RAL 7016 structured)

3000K / 4000K = on request
9,5W 2700K / 3000K / 4000K / 5000K = on request
Dim-To-Warm 1800K-3000K = on request

Torga D

Reference	Price €
8008.1_ _ _._ _	269.00

DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety sandblasted plexiglass
Led driver 230V & led incorporated
Energy class EC: A+

ON REQUEST

Other RAL colors
Other led colors : 3000K / 4000K
Led 9,5W : 2700K / 3000K / 4000K / 5000K
Other dimensions (customized)

0,5

IP65

230V

IK09

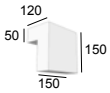
1,00

Sampa D

max. efficacity 147lm/W

Typical luminous flux (lm)		
	6,5W	9,5W
2700 K	807	1120
3000 K	845	1143
4000 K	877	1218
5000 K	959	1332

code: 8036.1 XXX . XX
led color



LED

D37 6,5W - 5000K
W37 6,5W - 2700K

COLOR

02 Black
24 Corten
39 Grey
48 Dark Grey (RAL 7016 structured)

3000K / 4000K = on request
9,5W 2700K / 3000K / 4000K / 5000K = on request
Dim-To-Warm 1800K-3000K = on request

Sampa D

Reference	Price €
8036.1_ _ _._ _	279.00

IP65

230V

IK09

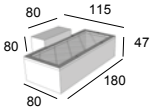
Squadra D

DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety sandblasted plexiglass
Dimmable led 230V incorporated
Energy class EC: A

ON REQUEST

Other RAL colors
Other led colors : 2700K



code: 8038 . XXX . XX
led
color

DIMMABLE

max. efficacity 90lm/W

LED

W80 Led 6W 230V - 3000K
W90 Led 10W 230V - 3000K

COLOR

01 White
02 Black
39 Grey
48 Dark Grey (RAL 7016 structured)

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

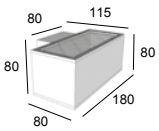
2700K = on request
Dim-To-Warm 1800K-3000K = on request

Squadra D

Reference	Price €
8038.W80._ _	229.00
8038.W90._ _	239.00

IP65
230V
IK09

Squadra G



DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety sandblasted plexiglass
Dimmable led 230V incorporated (2x)
Energy class EC: A

ON REQUEST

Other RAL colors
Other led colors : 2700K

code: 8040 . XXX . XX
led
color

DIMMABLE

max. efficacity 90lm/W

LED

W80 Led 2 x 6W 230V - 3000K
W90 Led 2 x 10W 230V - 3000K

COLOR

01 White
02 Black
39 Grey
48 Dark Grey (RAL 7016 structured)

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

2700K = on request
Dim-To-Warm 1800K-3000K = on request

Squadra G

Reference	Price €
8040.W80._ _	335.00
8040.W90._ _	355.00

SAMPA D-Pro

SAMPA S-Pro

IP65

230V

IK08

DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Sampa S-Pro: Stirrup in stainless steel 316L
Asymmetrical silicone lens anti-UV, efficiency 89%
Mechanical strength of the luminaire: IK08
Degree of protection IP65
Led driver 230V & led incorporated
Energy class EC: A+

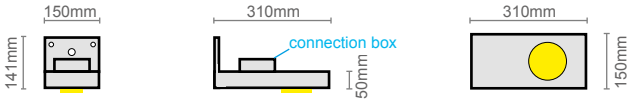
ON REQUEST

Other RAL colors or dimensions (customized)
Other led colors: 2700K / 5000K
Led 6,5W or 30W: 2700K / 3000K / 4000K / 5000K
Other Lens (symmetrical 100°)
Presence or motion detector (around 8m)

code: 7020. XXX . XX
led color

SAMPA D-Pro

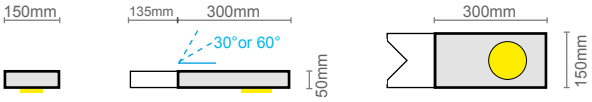
connection box included
with 1x cable gland M20 for cable 6-12mm



code: 7023. XXX . XX
led color

SAMPA S-Pro

with corner fixation 90°
with 2 adjustable levels (30°- 60°)
provided with 1m cable



LED

N2	9,5W - 4000K
N3	15W - 4000K
W2	9,5W - 3000K
W3	15W - 3000K

COLOR

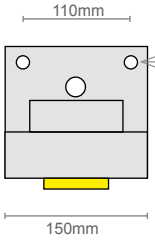
02	Black
24	Corten
39	Grey
48	Dark Grey (RAL 7016 structured)

max. efficacity 152lm/W

Typical luminous flux (lm)	6,5W	9,5W	15W
2700 K	807	1215	1887
3000 K	845	1265	1966
4000 K	877	1316	2084
5000 K	959	1443	2103

2700K / 5000K = on request
6,5W, 30W or more : 2700K / 3000K / 4000K / 5000K = on request

Sampa D-Pro: Base Fixation



2x Ø14mm
for 2 anchor bolts M10 (not supplied)
pour 2 tiges de scellement M10 (non fournies)
voor 2 ankerbouten M10 (niet meegeleverd)
für 2 Ankerschrauben M10 (nicht enthalten)

SAMPA D-Pro

Reference	Price €
7020P1.N2._ _	449.00
7020P1.N3._ _	479.00
7020P1.W2._ _	449.00
7020P1.W3._ _	479.00

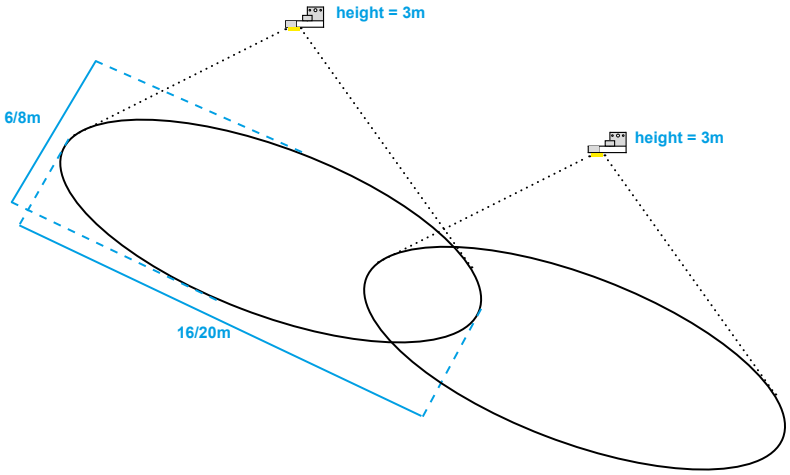
SAMPA S-Pro

Reference	Price €
7023P1.N2._ _	459.00
7023P1.N3._ _	489.00
7023P1.W2._ _	459.00
7023P1.W3._ _	489.00

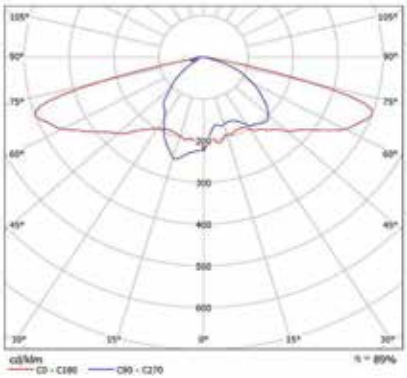
Sampa PRO
Led wall lamp

Applications
- Footpath
- Car park
- Park
- Building entrance
- Bicycle path
- PRM area

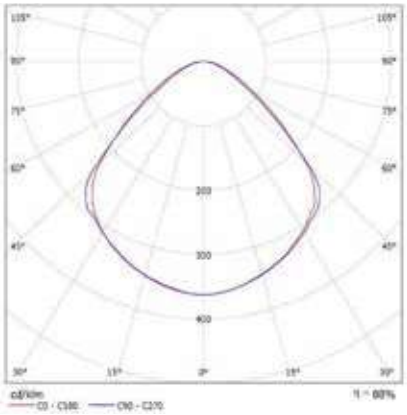
Advantages
- Timeless design & robust (IK08)
- Lighting level conforms to PRM standards
- Also available with presence or motion detector for:
  - standby function with orientation lighting of 10%
  - significant energy savings
  - a reduction of light pollution
  - a convenient and secure function to the site
  - an extension to the LED lifetime
- Also available with driver 0-10V dimmable 0 - 100%



Standard Lens (asymmetrical)



On request: symmetrical lens



On request

detector

remote control

Description	Reference	Price €
Presence detector kit - DIM Master	DET.D1	350.00
Presence detector kit - DIM Slave	DET.D2	270.00
Motion detector kit - On/Off	DET.D3	250.00
Infrared remote control for detector DIM	DET.IR.D1	50.00
Infrared remote control for detector On/Off	DET.IR.D3	50.00

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Available with dimmable led 6W or 10W 230V incorporated
Energy class EC: A (led) or A++/A (G9)

ON REQUEST

Other RAL colors
Other Led color: 2700K (only ref. 910SA)

0,5
IP65
230V
0,90
DIMMABLE

Omega 1

0,5
IP65
230V
0,80

Omega 2

code: 910SA. XX . XX
led bulb
color

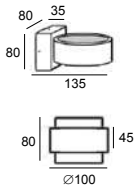
LED / BULB

G9 G9 LED (max. diameter 32mm / height 60mm)
W6 Led 6W 230V - 3000K
W7 Led 10W 230V - 3000K

2700K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

02A Anodized black
32 Anodized aluminum



code: 913SA. G9 . XX
color

BULB

G9 G9 LED (max. diameter 32mm / height 60mm)

COLOR

02A Anodized black
32 Anodized aluminum

Omega 1

Reference	Price €
910SA.G9._ _	179.00
910SA.W6._ _	209.00
910SA.W7._ _	219.00

Omega 2

Reference	Price €
913SA.G9._ _	169.00

Wally-S

0,5

IP65

230V

IK04

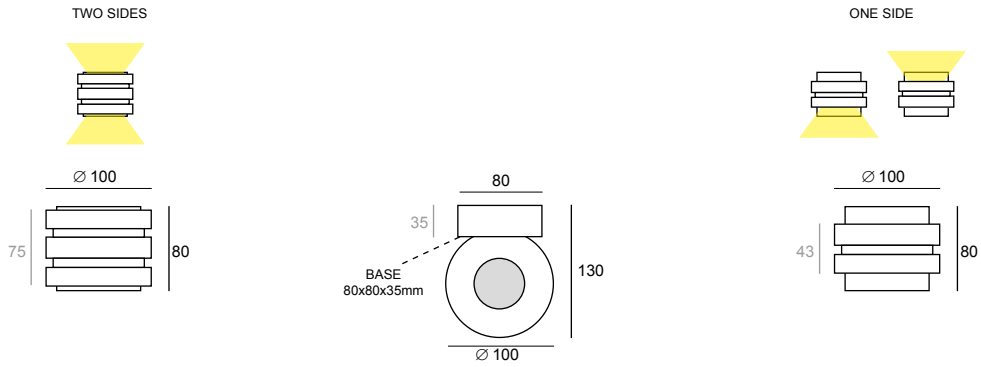
1,20

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Safety clear glass
Degree of protection IP65
Dimmable Led 220-240V incorporated
Energy class EC: A+

ON REQUEST

Other RAL colors
Other beam angle: 25°
Other led color: 2700K
IK09 with clear or sandblasted safety plexiglass



code: 7011. XXX . XX
led
color

LED

W11 6W - 3000K - 45°
W12 10W - 3000K - 45°
W21 2x 6W - 3000K - 45°
W22 2x 10W - 3000K - 45°

Beam angle 25° = on request
2700K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

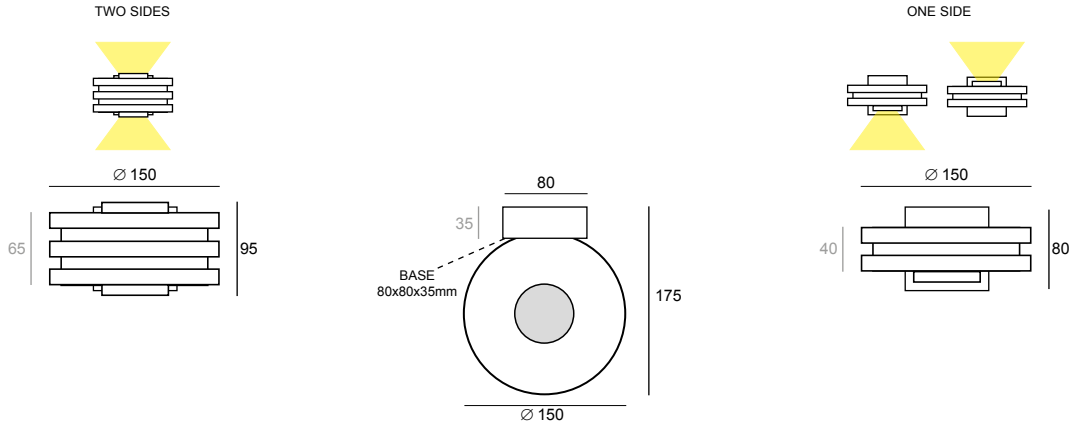
02A Anodized black
32 Anodized aluminum

max. efficacity 90lm/W

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

Wally-S

Reference	Price €
7011.W11._ _	275.00
7011.W12._ _	285.00
7011.W21._ _	379.00
7011.W22._ _	399.00



code: 7012. XXX . XX
led
color

LED

W12	10W - 3000K - 45°
W13	20W - 3000K - 45°
W22	2x 10W - 3000K - 45°
W23	2x 20W - 3000K - 45°

COLOR

02A	Anodized black
32	Anodized aluminum

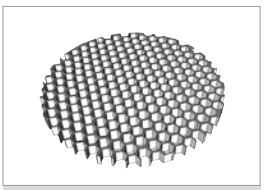
max. efficacity 90lm/W

Typical luminous flux (lm)		
	10W	20W
2700 K	860	
3000 K	900	1780

Beam angle 25° = on request
Led 10W 2700K = on request
Dim-To-Warm 1800K-3000K = on request

Accessories

X060.050.3
Ø 50 mm
Height: 3mm



Louver

AC.7012.1.XX
Ø 65 mm
Height: 55mm

Lens 02

Louver

Reference	Price €
X060.050.3	12.50

Lens 02

Reference	Price €
AC.7012.1.02A	79.00
AC.7012.1.32	79.00

Wally-XL

Reference	Price €
7012.W12._ _	389.00
7012.W13._ _	399.00
7012.W22._ _	529.00
7012.W23._ _	549.00

with accessory “Lens 02”
on the top

0,5

IP65

230V

IK04

2,30

Wally-XL

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Safety clear glass
Degree of protection IP65
Dimmable Led 220-240V incorporated
Energy class EC: A+

ACCESSORIES

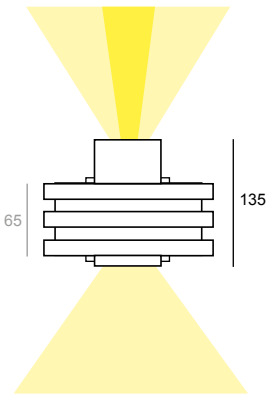
Adjustable lens 30° --> 5° - code: AC.7012.1._ _
Anti-glare honeycomb : Louver ref: X060.050.3

ON REQUEST

Other RAL colors
Other beam angle: 25°
Only for led 10W : 2700K
IK09 with clear or sandblasted safety plexiglass

EXAMPLE
with accessory “Lens 02”
on the top

ADJUSTABLE beam angle
30° to 5°



max. efficacity 158lm/W

Typical luminous flux (lm)			
	6,5W	9,5W	16,5W
2700 K	807	1215	2196
3000 K	845	1265	2285
4000 K	877	1316	2373
5000 K	959	1443	2609

DESCRIPTION

Body made in aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety extra clear glass
Led driver 230V & led incorporated
Energy class EC: A+

ON REQUEST

Other RAL colors
Other led colors: 3000K / 4000K

Astro 1

0,5

IP65

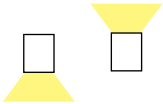
230V

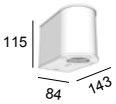
IK09

1,90

code: 8053 . XXX . XX

led
power
angle
color





LED		POWER		ANGLE		COLOR	
D	5000K	**0**	6,5W	**1**	20°	**01**	White
W	2700K	**1**	9,5W	**3**	40°	**02**	Black
		2	16,5W			**32**	Anodized aluminum

3000K - 4000K = on request
Dim-To-Warm 1800K-3000K = on request

Astro 1

Reference	Price €
8053.D0_._ _	309.00
8053.D1_._ _	319.00
8053.D2_._ _	374.00
8053.W0_._ _	309.00
8053.W1_._ _	319.00
8053.W2_._ _	374.00

Astro 2

Recto 2

0,5

IP65

230V

IK09

2,35

DESCRIPTION

Body made in aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety extra clear glass
Led driver 230V & led incorporated
Energy class EC: A+

ON REQUEST

Other RAL colors
Other led colors: 3000K / 4000K

Astro 2

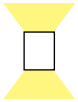
Reference	Price €
8034.D0_._ _	459.00
8034.D1_._ _	469.00
8034.D2_._ _	555.00
8034.W0_._ _	459.00
8034.W1_._ _	469.00
8034.W2_._ _	555.00

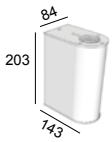
Recto 2

Reference	Price €
8035.D0_._ _	459.00
8035.D1_._ _	469.00
8035.D2_._ _	555.00
8035.W0_._ _	459.00
8035.W1_._ _	469.00
8035.W2_._ _	555.00

code: 8034 . XXX . XX

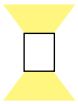
led
power
angle
color

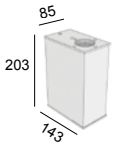




code: 8035 . XXX . XX

led
power
angle
color





max. efficacity 158lm/W

	Typical luminous flux (lm)		
	2x 6,5W	2x 9,5W	2x 16,5W
2700 K	2x 807	2x 1215	2x 2196
3000 K	2x 845	2x 1265	2x 2285
4000 K	2x 877	2x 1316	2x 2373
5000 K	2x 959	2x 1443	2x 2609

LED

D	5000K
W	2700K

POWER

0	2 x 6,5W
1	2 x 9,5W
2	2 x 16,5W

ANGLE

1	20°
3	40°

COLOR

01	White
02	Black
32	Anodized aluminum

3000K - 4000K = on request
Dim-To-Warm 1800K-3000K = on request

Mini astro 2

IP65

230V

IK06

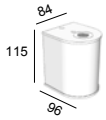
1,90

DESCRIPTION

Body made in aluminum
Screws in stainless steel
Degree of protection IP65 - IK06
Safety extra clear glass
Led driver 230V & led incorporated
Energy class EC: A+

ON REQUEST

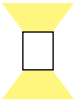
Other RAL colors
Other led colors: 3000K / 4000K



max. efficacity 119lm/W

Typical luminous flux (lm)	
	2x 3,2W
2700 K	2x 337
3000 K	2x 354
4000 K	2x 380
5000 K	2x 381

code: 8054 . XXX . XX
led
angle
color



LED

D3	2x 3,2W - 5000K
W3	2x 3,2W - 2700K

3000K - 4000K = on request

ANGLE

1	30°
2	45°

COLOR

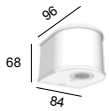
01	White
02	Black
32	Anodized aluminum

Mini astro 1

IP65

230V

IK06

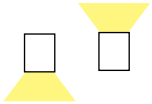


max. efficacity 119lm/W

Typical luminous flux (lm)	
	3,2W
2700 K	337
3000 K	354
4000 K	380
5000 K	381

code: 8055 . XXX . XX

led / angle / color



LED

D3	3,2W - 5000K
W3	3,2W - 2700K

3000K - 4000K = on request

ANGLE

1	30°
2	45°

COLOR

01	White
02	Black
32	Anodized aluminum

Mini astro 2

Reference	Price €
8054.D3_._ _	299.00
8054.W3_._ _	299.00

Mini astro 1

Reference	Price €
8055.D3_._ _	229.00
8055.W3_._ _	229.00

Micro 1

IP65
IK09

DESCRIPTION

Body made in solid aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety plexiglass
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (not for 230V model)
Lens 10° - code: AC.8041.32

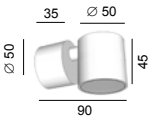
ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper)
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Other dimensions (customized)

max. efficacity 119lm/W

Typical luminous flux (lm)		
	3W	3,2W
2700 K	170	337
3000 K	170	354
4000 K		380
5000 K		381

code: 1105 . XXX . XX
led color



LED

D32	3,2W 350mA - 5000K - 70°
W03	3W 230V - 2700K - 70°
W32	3,2W 350mA - 2700K - 70°

3W 230V 3000K = on request
3,2W 350mA 3000K / 4000K = on request

COLOR

01	White	0.3
02	Black	0.3
04	Brushed stainless steel	0.8
32	Anodized aluminum	0.3

Micro 1

Reference	Price €
1105._32.04	159.50
1105._32._ _	141.00
1105.W03.04	165.00
1105.W03._ _	146.50

Accessory

AC.8041.32
Lens 10°

Lens 01

Reference	Price €
AC.8041.32	33.50

IP65
IK09

Micro 2

DESCRIPTION

Body made in solid aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety plexiglass
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (not for 230V model)
Lens 10° - code: AC.8041.32

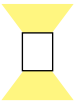
ON REQUEST

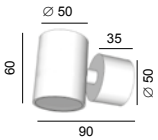
Other RAL colors or anodized black
Other materials (brass / copper)
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Other dimensions (customized)

max. efficacity 120lm/W

Typical luminous flux (lm)		
	2x 3W	2x 3,2W
2700 K	2x 170	2x 337
3000 K	2x 170	2x 354
4000 K		2x 380
5000 K		2x 381

code: 1106 . XXX . XX
led color





LED

D32	2 x 3,2W 350mA - 5000K - 70°
W03	2 x 3W 230V - 2700K - 70°
W32	2 x 3,2W 350mA - 2700K - 70°

3W 230V 3000K = on request
3,2W 350mA 3000K / 4000K = on request

COLOR

01	White	0.4
02	Black	0.4
04	Brushed stainless steel	0.8
32	Anodized aluminum	0.4

Micro 2

Reference	Price €
1106._32.04	202.00
1106._32._ _	175.50
1106.W03.04	213.00
1106.W03._ _	186.00

Accessory

AC.8041.32
Lens 10°

Lens 01

Reference	Price €
AC.8041.32	33.50

IP65

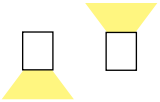
230V

IK04

Max

code: 753. GU . XX

color



BULB

GU	GU10 LED (max. height 56mm)

COLOR

00	Natural brushed aluminum	0.7
02	Black	0.7
04	Brushed stainless steel	1.0
07	Brushed brass	1.6
09	Bronze	1.6
21	Brushed copper	0.8
39	Grey	0.7

on request

Max

Reference	Price €
753.GU.00	115.00
753.GU.02	126.00
753.GU.04	160.00
753.GU.07	224.00
753.GU.09	224.00
753.GU.21	224.00
753.GU.39	126.00

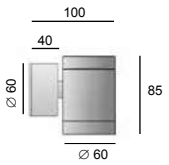
DESCRIPTION

Body made in aluminum, stainless steel, brass or copper
Screws in stainless steel
Degree of protection IP65
Safety clear glass
Energy class EC: A++/A

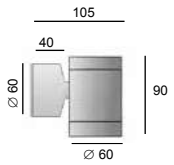
ON REQUEST

Other RAL colors
Anodised aluminum or black
Other dimensions (customized)
IK09 with clear or sandblasted safety plexiglass

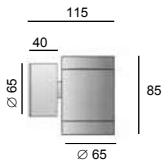
color code: 21



color code: 04



color code: 00-02-07-09-39



Villages Nature® Paris - Photographe : Isabelle SMOLINSKI

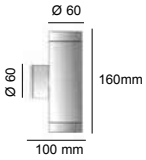
DESCRIPTION

Body made in aluminum, stainless steel, brass or copper
Screws in stainless steel
Degree of protection IP65
Safety clear glass
Energy class EC: A++/A

ON REQUEST

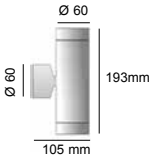
Other RAL colors
Anodised aluminum
Other dimensions (customized)
IK09 with clear or sandblasted safety plexiglass

color code: 21



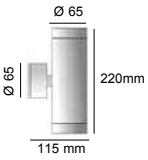
max. height
56mm

color code: 04



max. height
65mm

color code: 00-02-07-09-39



max. height
80mm

IP65

230V

Teka

code: 752. GU . XX

color

BULB

GU	2 x GU10 LED (max height 56 - 80mm)

COLOR

00	Natural brushed aluminum	1.5
02	Black	1.5
04	Brushed stainless steel	1.6
07	Brushed brass	2.5
09	Bronze	2.5
21	Brushed copper	1.4
39	Grey	1.5

Teka

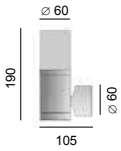
Reference	Price €
752.GU.00	175.00
752.GU.02	195.00
752.GU.04	195.00
752.GU.07	274.00
752.GU.09	274.00
752.GU.21	274.00
752.GU.39	195.00

IP65

230V

Cubix D

774.E2.04



DESCRIPTION

Body made in stainless steel
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

Led Bulb E27

ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

code: 774. E2 . 04

BULB

E2 E27 LED (max. diameter 52mm / height 125mm)

Other socket for LED (G9, G4, E14,...) = on request

COLOR

04 Brushed stainless steel

Accessory

code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

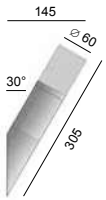
Cubix D

Reference	Price €
774.E2.04	205.00

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

775.E2.04



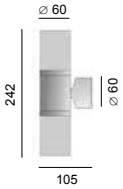
0,5
IP65
230V
1,50

Cubix Y

code: 775. E2 . 04

BULB		COLOR	
E2	E27 LED (max. diameter 52mm / height 125mm)	**04**	Brushed stainless steel

Other socket for LED (G9, G4, E14,...) = on request

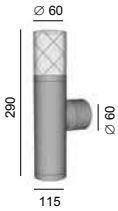


0,5
IP65
230V
1,20

Cubix K

code: 776. G9 . 04

BULB		COLOR	
G9	2 x G9 LED (max. diameter 52mm / height 82mm)	**04**	Brushed stainless steel



0,5
IP65
230V
1,80

Cubix G

code: 932. 2G . 04

BULB		COLOR	
2G	1x G9 + 1x GU10 LED (max height 65mm)	**04**	Brushed stainless steel

Cubix Y

Reference	Price €
775.E2.04	219.00

Cubix K

Reference	Price €
776.G9.04	229.00

Cubix G

Reference	Price €
932.2G.04	229.00

Manix D

IP65

230V

1,40

DESCRIPTION

Body made in stainless steel
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

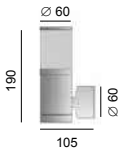
ACCESSORIES

Led Bulb E27

ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

942.E2.04



code: 942. E2 . 04

BULB

E2 E27 LED (max. diameter 52mm / height 125mm)

Other socket for LED (G9, G4, E14,...) = on request

COLOR

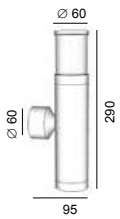
04 Brushed stainless steel

Manix G

IP65

230V

1,80



code: 944. 2G . 04

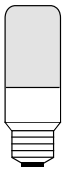
BULB

2G 1x G9 + 1x GU10 LED (max height 65mm)

COLOR

04 Brushed stainless steel

Accessory



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

Manix D

Reference	Price €
942.E2.04	205.00

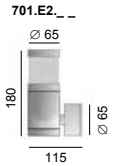
Manix G

Reference	Price €
944.2G.04	229.00

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

Onyx D



0,5

IP65

230V

CE

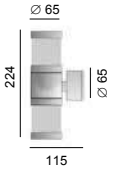
code: 701. E2 . XX

color

BULB		COLOR		
E2	E27 LED (max. diameter 48mm / height 125mm)	**00**	Natural brushed aluminum	0.7
		02	Black	0.7
		07	Brushed brass	1.9
		09	Bronze	1.9

Other socket for LED (G9, G4, E14,...) = on request

Onyx K



0,5

IP65

230V

1,10

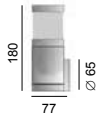
CE

code: 702. G9 . XX

color

BULB		COLOR	
G9	2 x G9 LED (max. diameter 48mm / height 75mm)	**00**	Natural brushed aluminum
		02	Black

Onyx BIS



0,5

IP65

230V

CE

code: 704. E2 . XX

color

BULB		COLOR		
E2	2 x E27 LED (max. diameter 48mm / height 125mm)	**00**	Natural brushed aluminum	1.6
		07	Brushed brass	4.2
		09	Bronze	4.2

Other socket for LED (G9, G4, E14,...) = on request

Onyx D

Reference	Price €
701.E2.00	155.00
701.E2.02	175.00
701.E2.07	279.00
701.E2.09	279.00

Onyx K

Reference	Price €
702.G9.00	189.00
702.G9.02	209.00

Onyx BIS

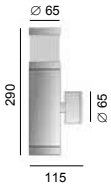
Reference	Price €
704.E2.00	299.00
704.E2.07	479.00
704.E2.09	479.00

DESCRIPTION

Body made in aluminum or brass
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

ON REQUEST

Other RAL colors
Anodised aluminum
Other dimensions (customized)



0,5

IP65

230V

Onyx G

code: 703. 2G . XX
color

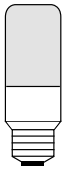
BULB

2G	1x G9 + 1x GU10 LED (max height 80mm)

COLOR

00	Natural brushed aluminum	1.7
02	Black	1.7
07	Brushed brass	3.8
09	Bronze	3.8

Accessory



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

Onyx G

Reference	Price €
703.2G.00	219.00
703.2G.02	249.00
703.2G.07	349.00
703.2G.09	349.00

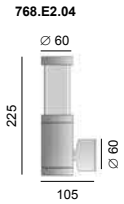
Atrex D

IP65

230V

1,60

code: 768. E2 .04



BULB		COLOR	
E2	E27 LED (max. diameter 37mm / height 160mm)	**04**	Brushed stainless steel

Other socket for LED (G9, G4, E14,...) = on request

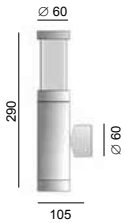
Atrex G

IP65

230V

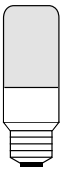
2,70

code: 770. 2G .04



BULB		COLOR	
2G	1x G9 + 1x GU10 LED (max height 65mm)	**04**	Brushed stainless steel

Accessory



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

Atrex D

Reference	Price €
768.E2.04	255.00

Atrex G

Reference	Price €
770.2G.04	279.00

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

IP65

230V

Atrex Y

DESCRIPTION

Body made in stainless steel
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

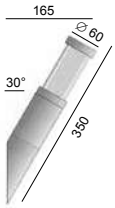
ACCESSORIES

Led Bulb E27

ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

769.E2.04



code: 769. E2 .04

BULB

E2 E27 LED (max. diameter 37mm / height 160mm)

COLOR

04 Brushed stainless steel

Other socket for LED (G9, G4, E14,...) = on request

Atrex Y

Reference	Price €
769.E2.04	270.00

DESCRIPTION

Body made in aluminum or brass
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

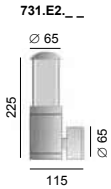
Led Bulb E27

ON REQUEST

Other RAL colors
Anodised aluminum
Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

Nobus D

IP65
230V



code: 731. E2 . XX
color

BULB

E2	E27 LED (max. diameter 37mm / height 160mm)

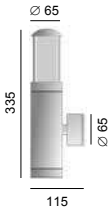
Other socket for LED (G9, G4, E14,...) = on request

COLOR

00	Natural brushed aluminum	0.9
02	Black	0.9
07	Brushed brass	2.5
09	Bronze	2.5

Nobus G

IP65
230V



code: 171. 2G . XX
color

BULB

2G	1x G9 + 1x GU10 LED (max height 80mm)

COLOR

00	Natural brushed aluminum	1.8
02	Black	1.8
07	Brushed brass	4.1
09	Bronze	4.1

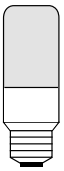
Nobus D

Reference	Price €
731.E2.00	162.00
731.E2.02	185.00
731.E2.07	279.00
731.E2.09	279.00

Nobus G

Reference	Price €
171.2G.00	220.00
171.2G.02	259.00
171.2G.07	339.00
171.2G.09	339.00

Accessory



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

DESCRIPTION

Body made in aluminum or brass
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

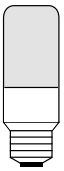
ACCESSORIES

Led Bulb E27

ON REQUEST

Other RAL colors
Anodised aluminum
Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

Accessory

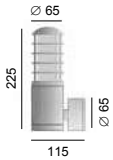


code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90



code: 729. E2 . XX

color

Atlantic D

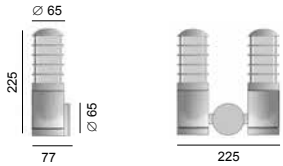
BULB

E2 E27 LED (max. diameter 37mm / height 160mm)

Other socket for LED (G9, G4, E14,...) = on request

COLOR

00 Natural brushed aluminum 0.9
02 Black 0.9
07 Brushed brass 2.5
09 Bronze 2.5



code: 737. E2 . XX

color

Atlantic BIS

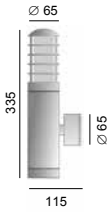
BULB

E2 2 x E27 LED (max. diameter 37mm / height 160mm)

Other socket for LED (G9, G4, E14,...) = on request

COLOR

00 Natural brushed aluminum 2.0
07 Brushed brass 4.5
09 Bronze 4.5



code: 173. 2G . XX

color

Atlantic G

BULB

2G 1x G9 + 1x GU10 LED (max height 80mm)

COLOR

00 Natural brushed aluminum 1.8
02 Black 1.8
07 Brushed brass 4.1
09 Bronze 4.1

Atlantic D

Reference	Price €
729.E2.00	162.00
729.E2.02	185.00
729.E2.07	279.00
729.E2.09	279.00

Atlantic BIS

Reference	Price €
737.E2.00	328.00
737.E2.07	498.00
737.E2.09	498.00

Atlantic G

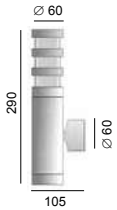
Reference	Price €
173.2G.00	220.00
173.2G.02	259.00
173.2G.07	339.00
173.2G.09	339.00

Zebra G

IP65

230V

2,00



code: 798. 2G .04

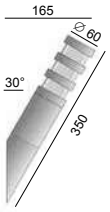
BULB		COLOR	
2G	1x G9 + 1x GU10 LED (max height 65mm)	**04**	Brushed stainless steel

Zebra Y

IP65

230V

2,20

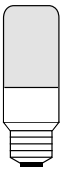


code: 762. E2 .04

BULB		COLOR	
E2	E27 LED (max. diameter 37mm / height 160mm)	**04**	Brushed stainless steel

Other socket for LED (G9, G4, E14,...) = on request

Accessory



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

Zebra G

Reference	Price €
798.2G.04	325.00

Zebra Y

Reference	Price €
762.E2.04	309.00

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

IP65

230V

2.00

Zebra D

DESCRIPTION

Body made in stainless steel
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

Led Bulb E27

ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

code: 761. E2 .04

BULB

E2 E27 LED (max. diameter 37mm / height 160mm)

Other socket for LED (G9, G4, E14,...) = on request

COLOR

04 Brushed stainless steel

Zebra D

Reference	Price €
761.E2.04	295.00

Despo D

IP65

230V

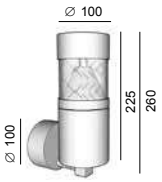
IK09

DESCRIPTION

Body made in stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear polycarbonate
Led driver 230V & led incorporated
Energy class EC: A+

ON REQUEST

Other RAL colors
Other led colors : 3000K
Led 9,5W : 2700K / 3000K / 4000K / 5000K
Other dimensions (customized)



max. efficacity 158lm/W

Typical luminous flux (lm)		
	9,5W	16,5W
2700 K	1215	2196
3000 K	1265	2285
4000 K	1316	2373
5000 K	1443	2609

code: 993XX . 04
led

LED

D4 16,5W - 5000K
N4 16,5W - 4000K
W4 16,5W - 2700K

COLOR

04 Brushed stainless steel

Despo D

Reference	Price €
993_4.04	690.00

Sumo RD

0,5

IP65

230V

IK07

DESCRIPTION

Body made in stainless steel with belgian stone or exotic wood
Screws in stainless steel
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Energy class EC: A++/A

ACCESSORIES

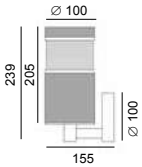
Led Bulb E27

ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

code: 962. E2 .XX

color



BULB

E2 E27 LED (max. diameter 52mm / height 137mm)

Other socket for LED (G9, G4, E14,...) = on request

COLOR

41 Belgian stone 4.9
42 Exotic wood (Iroko) 3.5

DESCRIPTION

Body made in stainless steel
Screws in stainless steel
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Energy class EC: A++/A

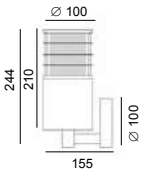
ACCESSORIES

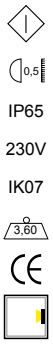
Led Bulb E27

ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

code: 970. E2 .04

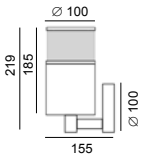


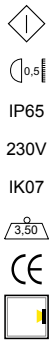


Spirit D

BULB		COLOR	
E2	E27 LED (max. diameter 49mm / height 160mm)	**04**	Brushed stainless steel

Other socket for LED (G9, G4, E14,...) = on request



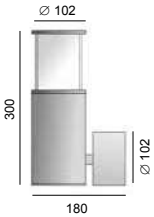


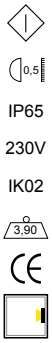
Sumo D

code: 972. E2 .04

BULB		COLOR	
E2	E27 LED (max. diameter 49mm / height 137mm)	**04**	Brushed stainless steel

Other socket for LED (G9, G4, E14,...) = on request





Atrex 100 D

code: 790A. E2. 04

BULB		COLOR	
E2	E27 LED (max. diameter 65mm / height 170mm)	**04**	Brushed stainless steel

Other socket for LED (G9, G4, E14,...) = on request

Sumo RD

Reference	Price €
962.E2.41	495.00
962.E2.42	425.00

Spirit D

Reference	Price €
970.E2.04	495.00

Sumo D

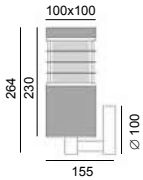
Reference	Price €
972.E2.04	450.00

Atrex 100 D

Reference	Price €
790A.E2.04	420.00

Spirit KD

IP65
230V
IK07



code: 950. E2 .XX
color

BULB

E2 E27 LED (max. diameter 52mm / height 160mm)

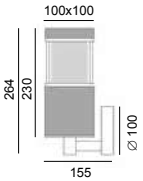
Other socket for LED (G9, G4, E14,...) = on request

COLOR

41 Belgian stone 6.1
42 Exotic wood (Iroko) 4.2

Strida KD

IP65
230V
IK07



code: 956. E2 .XX
color

BULB

E2 E27 LED (max. diameter 52mm / height 160mm)

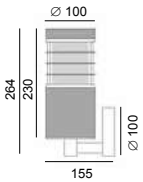
Other socket for LED (G9, G4, E14,...) = on request

COLOR

41 Belgian stone 5.9
42 Exotic wood (Iroko) 4.0

Spirit RD

IP65
230V
IK07



code: 953. E2 .XX
color

BULB

E2 E27 LED (max. diameter 52mm / height 160mm)

Other socket for LED (G9, G4, E14,...) = on request

COLOR

41 Belgian stone 5.0
42 Exotic wood (Iroko) 3.6

Spirit KD

Reference	Price €
950.E2.41	589.00
950.E2.42	519.00

Strida KD

Reference	Price €
956.E2.41	569.00
956.E2.42	499.00

Spirit RD

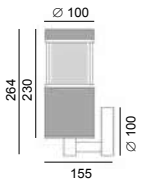
Reference	Price €
953.E2.41	545.00
953.E2.42	475.00

IP65
230V
IK07

Strida RD

DESCRIPTION

Body made in stainless steel with belgian stone or exotic wood
Screws in stainless steel
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Energy class EC: A++/A



ACCESSORIES

Led Bulb E27

ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

code: 959. E2 .XX

color

BULB

E2 E27 LED (max. diameter 52mm / height 160mm)

Other socket for LED (G9, G4, E14,...) = on request

COLOR

41 Belgian stone 5.0
42 Exotic wood (Iroko) 3.6

Strida RD

Reference	Price €
959.E2.41	520.00
959.E2.42	450.00

Accessory

code: LED.E203.16830

Led bulb E27 16W 3000K 240V
diameter 45mm / height 136mm

LED E27 16W 1521 lumen

Reference	Price €
LED.E203.16830	19.90

Soft D

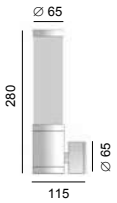
IP65

230V

1,00

DESCRIPTION

Body made in aluminum
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A



ACCESSORIES

Led Bulb E27

ON REQUEST

Other RAL colors
Anodised aluminum
Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

code: 718. E2 . XX
color

BULB

E2 E27 LED (max. diameter 48mm / height 215mm)

Other socket for LED (G9, G4, E14,...) = on request

COLOR

00 Natural brushed aluminum
02 Black

Poeme D

IP65

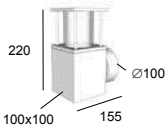
230V

IK07

1,70

DESCRIPTION

Body made in aluminum
Screws in stainless steel
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Energy class EC: A++/A



ACCESSORIES

Led Bulb E27

ON REQUEST

Other RAL colors
Other socket for LED (G9, G4, E14 …)

code: 8019 . XX
color

BULB

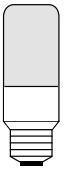
E27 LED (max. diameter 53mm / height 145mm)

Other socket for LED (G9, G4, E14,...) = on request

COLOR

02 Black
39 Grey

Accessory



code: LED.E203.16830

Led bulb E27 16W 3000K 240V
diameter 45mm / height 136mm

LED E27 16W 1521 lumen

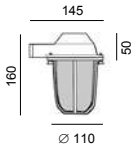
Reference	Price €
LED.E203.16830	19.90

Soft D

Reference	Price €
718.E2.00	156.50
718.E2.02	179.00

Poeme D

Reference	Price €
8019.02	245.00
8019.39	245.00



DESCRIPTION

Body made in cast brass
Screws in brass
Degree of protection IP45
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

Led Bulb E27

ON REQUEST

Other socket for LED (G9, G4, E14 …)

IP45
230V
1,60

Cambridge A

code: 114.5.07

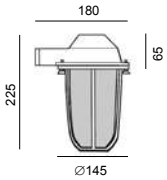
BULB

E27 LED (max. diameter 50mm / height 137mm)

COLOR

07 Natural brass

Other socket for LED (G9, G4, E14,...) = on request



DESCRIPTION

Body made in cast brass
Screws in brass
Degree of protection IP45
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

Led Bulb E27

ON REQUEST

Other socket for LED (G9, G4, E14 …)

IP45
230V
2,55

Cambridge B

code: 117.5.07

BULB

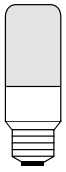
E27 LED (max. diameter 65mm / height 170mm)

COLOR

07 Natural brass

Other socket for LED (G9, G4, E14,...) = on request

Accessory



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

Cambridge A

Reference	Price €
114.5.07	89.00

Cambridge B

Reference	Price €
117.5.07	129.00

Vodis A

Vodis B

0,5

IP54

230V

IK02

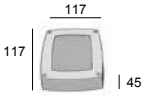
DESCRIPTION

Body made in cast aluminum or brass
Screws in stainless steel
Degree of protection IP54
Sandblasted white glass
Energy class EC: A++/A

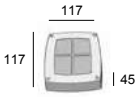
ON REQUEST

Other RAL colors

code: 1139 . XX
color



code: 1140 . XX
color



BULB

G9 LED (max. diameter 17mm / lenght 56mm)

COLOR

00	Natural aluminum	0.4
07	Natural brass	0.8

Vodis A

Reference	Price €
1139.00	54.00
1139.07	82.50

Vodis B

Reference	Price €
1140.00	54.00
1140.07	82.50

Linus 2

IP54

230V

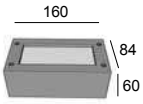
IK02

DESCRIPTION

Body made in cast aluminum
Screws in stainless steel
Degree of protection IP54
Safety sandblasted glass
Energy class EC: A++/A

ON REQUEST

Other RAL colors



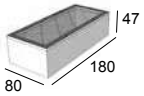
code: 595. XX
color

BULB

G9 LED (max. diameter 17mm / lenght 85mm)

COLOR

00	Natural brushed aluminum
01	White
02	Black
48	Dark Grey (RAL 7016 structured)



DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety sandblasted plexiglass
Dimmable led 230V incorporated
Energy class EC: A

ON REQUEST

Other RAL colors
Other led colors : 2700K

IP65
230V
IK09

Squadra TR

code: 8039 . XXX . XX
led
color

DIMMABLE

LED

W80 Led 6W 230V - 3000K
W90 Led 10W 230V - 3000K

2700K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

01 White
02 Black
39 Grey
48 Dark Grey (RAL 7016 structured)

max. efficacity 90lm/W

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

Linus 2

Reference	Price €
595._ _	89.00

Squadra TR

Reference	Price €
8039.W80._ _	175.00
8039.W90._ _	185.00

Paco

Sounio

IP65

230V

max. efficacity 83lm/W

DESCRIPTION

Body made in profile aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Available with dimmable led 6W 230V incorporated
Energy class EC: A++/A

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / ...)
Led 6W 230V - 2700K
Available with lamp socket GX53

Typical luminous flux (lm)	
	6W
2700 K	480
3000 K	500

code: 909SA. XX . XX
led bulb
color

DIMMABLE

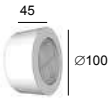
LED / BULB

G9 G9 LED (max. diameter 32mm / height 65mm)
W6 Led 6W 230V - 3000K

Led 6W 2700K = on request
Led Dim-To-Warm 1800K-3000K = on request

COLOR

04 Brushed stainless steel 0.6
32 Anodized aluminum 0.4



code: 908SA. XX . 32
led bulb

DIMMABLE

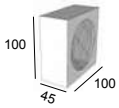
LED / BULB

G9 G9 LED (max. diameter 32mm / height 65mm)
W6 Led 6W 230V - 3000K

Led 6W 2700K = on request
Led Dim-To-Warm 1800K-3000K = on request

COLOR

32 Anodized aluminum 0.7

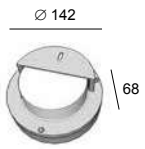


Paco

Reference	Price €
909SA.G9.04	138.00
909SA.G9.32	104.00
909SA.W6.04	168.00
909SA.W6.32	134.00

Sounio

Reference	Price €
908SA.G9.32	119.00
908SA.W6.32	149.00



DESCRIPTION

Body made in cast aluminum
Screws in stainless steel
Degree of protection IP54
Safety sandblasted glass
Available with dimmable led 6W 230V incorporated
Energy class EC: A++/A

ON REQUEST

Other RAL colors
Led 6W 230V 2700K

IP54
230V
IK02

Ringo C

code: 591. XX . XX
led color

DIMMABLE

LED / BULB

T2 GX53 LED (max. diameter 80mm / height 26mm)
W1 Led 6W 230V - 3000K

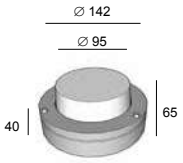
Led 6W 2700K = on request
Led Dim-To-Warm 1800K-3000K = on request

COLOR

00 Natural aluminum
01 White
02 Black
48 Dark Grey (RAL 7016 structured)

max. efficacity 83lm/W

Typical luminous flux (lm)	
	6W
2700 K	480
3000 K	500



IP54
230V
IK02

Ringo A

code: 504. XX . XX
led color

DIMMABLE

LED / BULB

T2 GX53 LED (max. diameter 80mm / height 26mm)
W1 Led 6W 230V - 3000K

Led 6W 2700K = on request
Led Dim-To-Warm 1800K-3000K = on request

COLOR

00 Natural aluminum
01 White
02 Black
48 Dark Grey (RAL 7016 structured)

Ringo C

Reference	Price €
591.T2.00	89.00
591.T2.01	99.00
591.T2.02	99.00
591.T2.48	99.00
591.W1.00	139.00
591.W1.01	149.00
591.W1.02	149.00
591.W1.48	149.00

Ringo A

Reference	Price €
504.T2.00	78.00
504.T2.01	88.00
504.T2.02	88.00
504.T2.48	88.00
504.W1.00	118.00
504.W1.01	128.00
504.W1.02	128.00
504.W1.48	128.00

DESCRIPTION

Body made in cast aluminum or brass
Screws in stainless steel
Degree of protection IP65
Safety sandblasted glass
Available with led 3W 230V incorporated
Energy class EC: A++/A

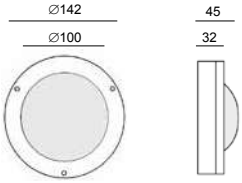
ON REQUEST

Other RAL colors
Led 3W 230V 3000K

max. efficacity 40lm/W

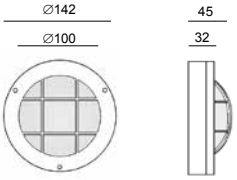
Typical luminous flux (lm)	
	3W
2700 K	170
3000 K	170

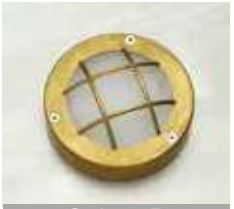
code: 1134 . XXX . XX
led bulb
color



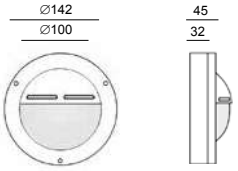
Cobus A

code: 1138 . XXX . XX
led bulb
color



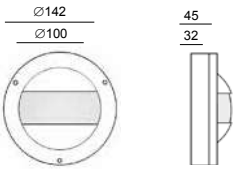

Cobus B

code: 1135 . XXX . XX
led bulb
color



Cobus C

code: 1137 . XXX . XX
led bulb
color



Cobus D

LED / BULB

G9 G9 LED (max. diameter 20mm / lenght 65mm)
W40 Led 3W 230V - 2700K

LED 3W 3000K = on request

COLOR

00	Natural aluminum	0.5
01	White	0.5
02	Black	0.5
07	Natural brass	1.1
39	Grey	0.5

0,5

IP65

230V

IK03

Cobus A

Reference	Price €
1134.G9.00	55.00
1134.G9.01	65.00
1134.G9.02	65.00
1134.G9.07	86.50
1134.G9.39	65.00
1134.W40.00	99.00
1134.W40.01	109.00
1134.W40.02	109.00
1134.W40.07	132.50
1134.W40.39	109.00

Cobus B

Reference	Price €
1138.G9.00	55.00
1138.G9.01	65.00
1138.G9.02	65.00
1138.G9.07	86.50
1138.G9.39	65.00
1138.W40.00	99.00
1138.W40.01	109.00
1138.W40.02	109.00
1138.W40.07	132.50
1138.W40.39	109.00

Cobus C

Reference	Price €
1135.G9.00	55.00
1135.G9.01	65.00
1135.G9.02	65.00
1135.G9.07	86.50
1135.G9.39	65.00
1135.W40.00	99.00
1135.W40.01	109.00
1135.W40.02	109.00
1135.W40.07	132.50
1135.W40.39	109.00

Cobus D

Reference	Price €
1137.G9.00	55.00
1137.G9.01	65.00
1137.G9.02	65.00
1137.G9.07	86.50
1137.G9.39	65.00
1137.W40.00	99.00
1137.W40.01	109.00
1137.W40.02	109.00
1137.W40.07	132.50
1137.W40.39	109.00

Mani R

IP45

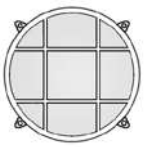
230V

DESCRIPTION

Body made in cast aluminum or brass
Screws in stainless steel
Degree of protection IP45
Safety sandblasted glass
Energy class EC: A++/A

ON REQUEST

Other RAL colors



code: 111 . XX
color

BULB

E27 LED (max. diameter 45mm / height 137mm)

COLOR

00	Natural aluminum
07	Natural brass

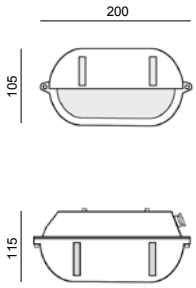
Accessory

code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

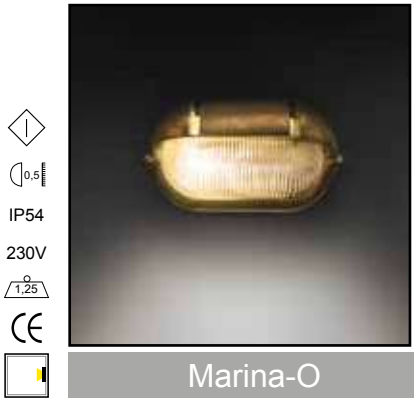
LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90



DESCRIPTION

Body made in cast brass
Screws in stainless steel
Degree of protection IP54
Safety clear glass
Energy class EC: A++/A



Marina-O

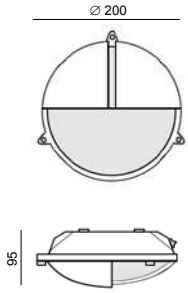
code: 709. E2 .07

BULB

E2 E27 LED (max. diameter 40mm / height 120mm)

COLOR

07 Natural brass



DESCRIPTION

Body made in cast brass
Screws in stainless steel
Degree of protection IP54
Safety clear glass
Energy class EC: A++/A

Marina-R

code: 725. E2 .07

BULB

E2 E27 LED (max. diameter 40mm / height 120mm)

COLOR

07 Natural brass

Mani R

Reference	Price €
111.00	59.00
111.07	126.00

Marina-O

Reference	Price €
709.E2.07	95.00

Marina-R

Reference	Price €
725.E2.07	119.00

Octus O

Octus X

IP45

230V

IK02

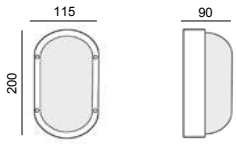
DESCRIPTION

Body made in cast aluminum or brass
Screws in stainless steel
Degree of protection IP45
Safety sandblasted glass
Energy class EC: A++/A

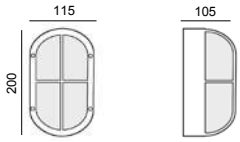
ON REQUEST

Other RAL colors

code: 1120A . XX
color



code: 1122A . XX
color



BULB

E2 E27 LED (max. diameter 40mm / height 120mm)

COLOR

00 Natural brushed aluminum 0.9
07 Natural brass 1.4

Accessory

code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

Octus O

Reference	Price €
1120A.00	44.50
1120A.07	79.50

Octus X

Reference	Price €
1122A.00	45.00
1122A.07	96.50

EXTERIOR LIGHTING
WALL LIGHT - Surface

Lotus A

Lotus B

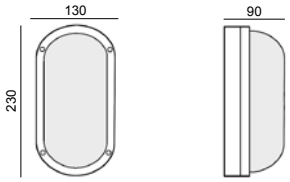
Lotus C

IP54

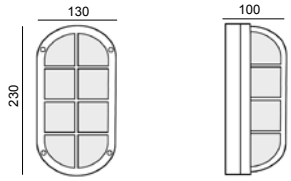
230V

IK02

code: 120 . XXX . XX
led bulb
color



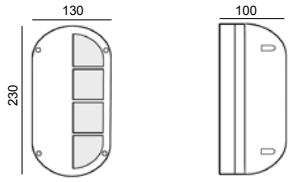
code: 122 . XXX . XX
led bulb
color



max. efficacity 88lm/W

Typical luminous flux (lm)		
	6W	9W
2700 K	480	
3000 K	500	780
4000 K		800

code: 125 . XXX . XX
led bulb
color



LED / BULB

E27 E27 LED (max. diameter 45mm / height 120mm)
W40 Led 6W 230V - 3000K
W80 Led 9W 230V - 3000K

Led 6W 2700K = on request
Led 9W 4000K = on request
Led Dim-To-Warm 1800K-3000K = on request

COLOR

00 Natural aluminum
01 White
02 Black

Lotus A

Reference	Price €
120.E27._ _	47.50
120.W40._ _	98.50
120.W80._ _	138.00

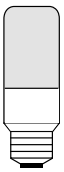
Lotus B

Reference	Price €
122.E27._ _	52.50
122.W40._ _	104.00
122.W80._ _	144.00

Lotus C

Reference	Price €
125.E27._ _	55.00
125.W40._ _	107.00
125.W80._ _	149.00

Accessory



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

Achtung: Die Serie LOTUS wird nicht nach Deutschland geliefert.

DESCRIPTION

Body made in cast aluminum
Screws in stainless steel
Degree of protection IP54
Safety sandblasted glass
Available with led 230V incorporated
Energy class EC: A++/A

ON REQUEST

Other RAL colors
Only for led 6W 230V : 2700K
Only for led 9W 230V : 4000K

Lotus D

Lotus E

IP54

230V

IK02

DESCRIPTION

Body made in cast aluminum
Screws in stainless steel
Degree of protection IP54
Safety sandblasted glass
Available with led 230V incorporated
Energy class EC: A++/A

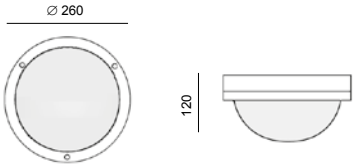
ON REQUEST

Other RAL colors
Only for led 6W 230V : 2700K
Only for led 14W 230V : 4000K

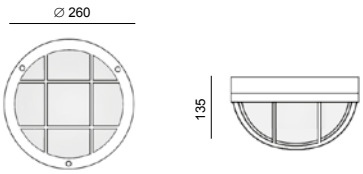
max. efficacity 107lm/W

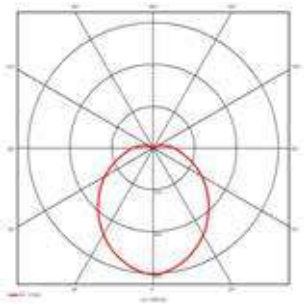
Typical luminous flux (lm)		
	6W	14W
2700 K	480	
3000 K	500	1500
4000 K		1500

code: 134 . XXX . XX
led bulb
color



code: 138 . XXX . XX
led bulb
color





LED / BULB

E27 E27 LED (max. diameter 45mm / height 137mm)
W40 Led 6W 230V - 3000K
W80 Led 14W 230V - 3000K
WD1 Led 14W 230V - 3000K with detector

Led 6W 2700K = on request
Led 14W 4000K = on request
Led Dim-To-Warm 1800K-3000K = on request

COLOR

00 Natural aluminum
01 White
02 Black

Lotus D

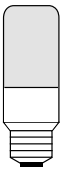
Reference	Price €
134.E27._ _	89.00
134.W40._ _	159.00
134.W80._ _	199.00
134.WD1._ _	249.00

Lotus E

Reference	Price €
138.E27._ _	99.00
138.W40._ _	169.00
138.W80._ _	209.00
138.WD1._ _	259.00

Achtung: Die Serie LOTUS wird nicht nach Deutschland geliefert.

Accessory



code: LED.E203.16830

Led bulb E27 16W 3000K 240V
diameter 45mm / height 136mm

LED E27 16W 1521 lumen

Reference	Price €
LED.E203.16830	19.90

Lotus LED with detector

Advantages

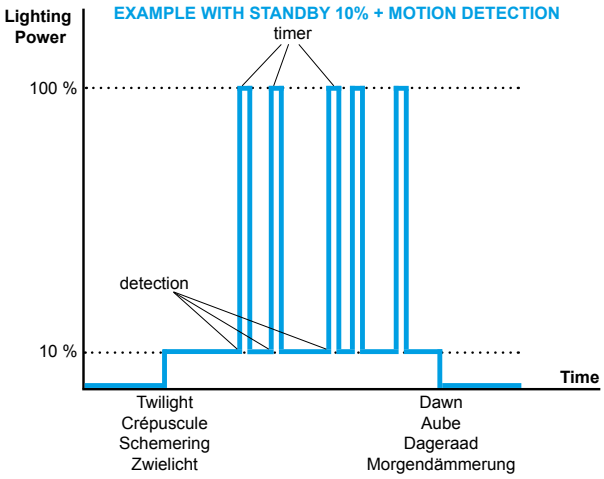
- Timeless design
- Also available with motion detector for:
  - significant energy savings
  - a reduction of light pollution
  - a convenient and secure function to the site
  - an extension to the LED lifetime

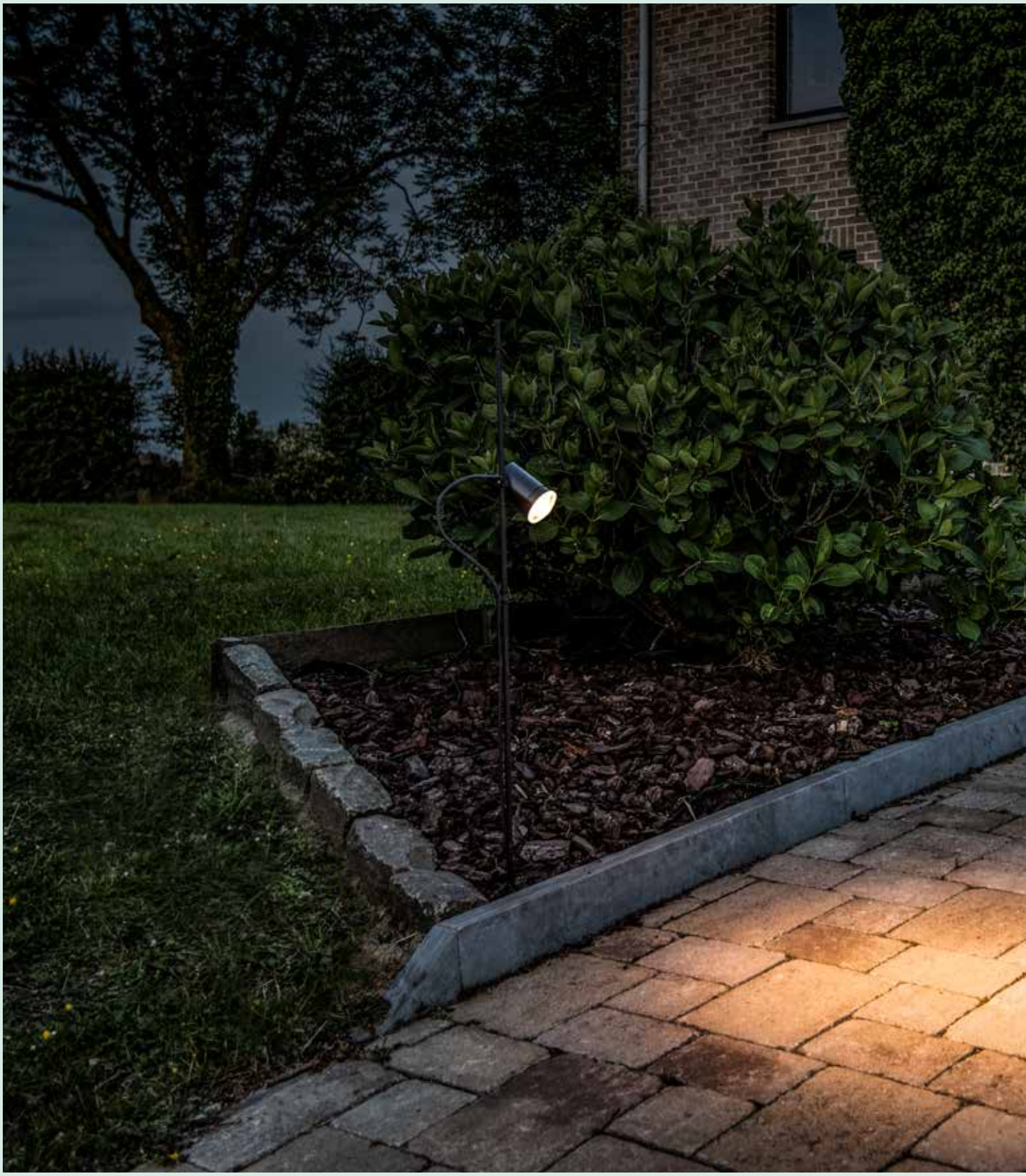
Applications

- Footpath
- Car park
- Building entrance
- PRM area

With led 14W

- Motion detector (around 8m) with:
  - standby function with orientation lighting of 10%
  - timer 10 sec. to 15 min.
  - Twilight function





Maxima-GU

Exterior

Flood light

Kozi S

IP68

350mA

IK06

350mA
1,2W - 3,2W

DESCRIPTION

Body made in solid stainless steel, brass, copper or aluminum
Screws in stainless steel
Degree of protection IP68, water depth up to 1m
Safety clear glass
Led 350mA incorporated
Provided with 1m cable
Energy class EC: A+

ACCESSORIES

Led driver 350mA CC
Base & stem for ground/wall/ceiling
Stem with spike for ground fixing: Stem B
Anti-glare ring

ON REQUEST

Anodized aluminum or Other RAL colors
Only for led 3,2W : 3000K / 4000K
Other cable length (customized)

code: 8042. XXX . XX
led color

max. efficacity 120lm/W

LED

D11	1,2W - 5000K - 10°
D13	1,2W - 5000K - 35°
D31	3,2W - 5000K - 30°
D32	3,2W - 5000K - 45°
W11	1,2W - 2700K - 10°
W13	1,2W - 2700K - 35°
W31	3,2W - 2700K - 30°
W32	3,2W - 2700K - 45°

COLOR

02A	Anodized black	0.25
04	Brushed stainless steel	0.4
07	Brushed brass	0.8
21	Brushed copper	0.8

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

1,2W 3000K = on request
3,2W 3000K / 4000K = on request

For some applications, on request, led 1,2W can be used with a driver 500mA to obtain for example: 1,75W 10° - 5000K - 200 lumens

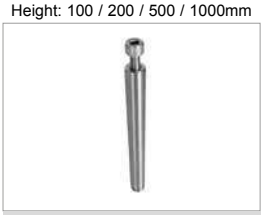
Kozi S

Reference	Price €
8042._ _ _.02A	129.00
8042._ _ _.04	129.00
8042._ _ _.07	165.00
8042._ _ _.21	175.00

Accessories (see more details in accessories pages)

TI._ _0.M10A._ _

Ø 10 mm & M10
Height: 100 / 200 / 500 / 1000mm



Stem A

Reference	Price €
TI.010.M10A.02A/04/32	19.00
TI.010.M10A.07	21.50
TI.010.M10A.21	21.50
TI.020.M10A.02A/04/32	22.50
TI.020.M10A.07	25.50
TI.020.M10A.21	25.50
TI.050.M10A.02A/04/32	25.50
TI.050.M10A.07	35.00
TI.050.M10A.21	43.50
TI.100.M10A.02A/04/32	36.50
TI.100.M10A.07	49.00
TI.100.M10A.21	67.50

BASE.060A._ _

Ø 60 mm & M10
Thickness 5mm

Base 60-A

Reference	Price €
BASE.060A.02A	23.50
BASE.060A.04	25.50
BASE.060A.07	32.00
BASE.060A.21	37.00
BASE.060A.32	23.50

BASE.100A._ _

Ø 100 mm & M10
Thickness 5mm

Base 100-A

Reference	Price €
BASE.100A.02A	34.50
BASE.100A.04	36.50

BASE.060B._ _

IP65 - Ø 60 mm & M10
Height 40mm + cable gland

Base 60-B

Reference	Price €
BASE.060B.02A	65.00
BASE.060B.04	72.50
BASE.060B.07	89.00
BASE.060B.21	119.00
BASE.060B.32	65.00

Accessories (see more details in accessories pages)

AC.FX01.02A

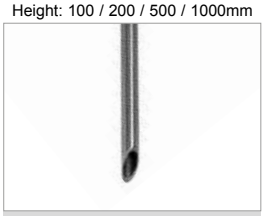
Ø 40 mm & M10
Thickness 15mm

Base Strap

Reference	Price €
AC.FX01.02A	39.50

TI._ _0.SPK._ _

Ø 10 mm with Spike for ground fixing
Height: 100 / 200 / 500 / 1000mm



Stem B

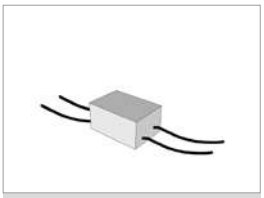
Reference	Price €
TI.010.SPK.02A/04/32	19.00
TI.010.SPK.07	21.50
TI.010.SPK.21	21.50
TI.020.SPK.02A/04/32	22.50
TI.020.SPK.07	25.50
TI.020.SPK.21	25.50
TI.050.SPK.02A/04/32	25.50
TI.050.SPK.07	35.00
TI.050.SPK.21	43.50
TI.100.SPK.02A/04/32	36.50
TI.100.SPK.07	49.00
TI.100.SPK.21	67.50

AC.8042.AG._ _

Ø 40 mm
Height 50mm

Anti-glare 01

Reference	Price €
AC.8042.AG.02A	16.00
AC.8042.AG.04	16.00
AC.8042.AG.07	39.50
AC.8042.AG.21	51.50



Led driver 350mA

Make your selection on the accessory pages

extra cable 1 meter
type H05RN-F 2x 0,5mm²

Cable 01

Reference	Price €
SUP.001	3.80

Zita S

IP65

350mA

IK06

0,30

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65 - IK06
Safety clear lens
Led 350mA incorporated
Provided with 1m cable
Energy class EC: A+

ACCESSORIES

Led driver 350mA CC
Base & stem for ground/wall/ceiling
Stem with spike for ground fixing: Stem B

ON REQUEST

Anodized black
Other material: stainless steel, copper or brass
Other Led color: 3000K / 4000K
Other cable length (customized)

350mA
3,2W

code: 7013. XX . 32
led

LED

D3 3,2W - 5000K
W3 3,2W - 2700K

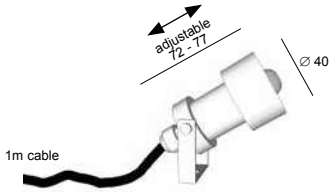
3,2W 3000K / 4000K = on request

COLOR

32 Anodized aluminum

max. efficacity 119lm/W

Typical luminous flux (lm)	
	3,2W
2700 K	337
3000 K	354
4000 K	380
5000 K	381

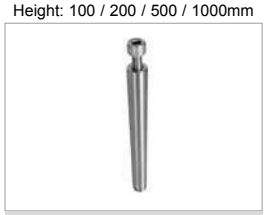


Zita S

Reference	Price €
7013.D3.32	145.00
7013.W3.32	145.00

Accessories (see more details in accessories pages)

TI._ _0.M10A._ _
Ø 10 mm & M10
Height: 100 / 200 / 500 / 1000mm



Stern A

Reference	Price €
TI.010.M10A.02A/04/32	19.00
TI.020.M10A.02A/04/32	22.50
TI.050.M10A.02A/04/32	25.50
TI.100.M10A.02A/04/32	36.50

BASE.060A._ _
Ø 60 mm & M10
Thickness 5mm

Base 60-A

Reference	Price €
BASE.060A.02A	23.50
BASE.060A.04	25.50
BASE.060A.32	23.50

BASE.100A._ _
Ø 100 mm & M10
Thickness 5mm

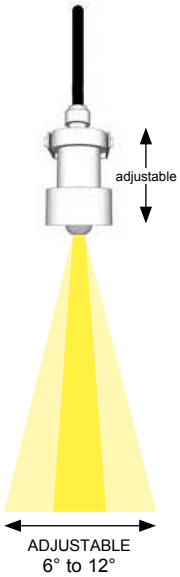
Base 100-A

Reference	Price €
BASE.100A.02A	34.50
BASE.100A.04	36.50

BASE.060B._ _
IP65 - Ø 60 mm & M10
Height 40mm + cable gland

Base 60-B

Reference	Price €
BASE.060B.02A	65.00
BASE.060B.04	72.50
BASE.060B.32	65.00



Accessories (see more details in accessories pages)

AC.FX01.02A

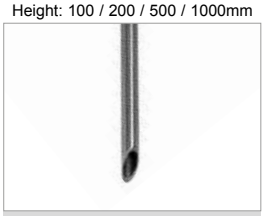
Ø 40 mm & M10
Thickness 15mm

Base Strap

Reference	Price €
AC.FX01.02A	39.50

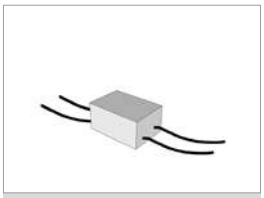
TI._ _0.SPK._ _

Ø 10 mm with Spike for ground fixing
Height: 100 / 200 / 500 / 1000mm



Stem B

Reference	Price €
TI.010.SPK.02A/04/32	19.00
TI.020.SPK.02A/04/32	22.50
TI.050.SPK.02A/04/32	25.50
TI.100.SPK.02A/04/32	36.50



Led driver 350mA

Make your selection on the accessory pages

On request

SUP.001

extra cable 1 meter
type H05RN-F 2x 0,5mm²

Cable 01

Reference	Price €
SUP.001	3.80

Mask

230V
3W

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65 - IK06
Safety plexiglass
Led 230V incorporated
Provided with 1m cable
Energy class EC: A

IP65
230V
IK06

ACCESSORIES

Accessory Lens 10°

ON REQUEST

Led 230V 3000K
Led 3,2 or 6,5W 350mA : 2700K / 3000K / 4000K / 5000K
Other material: brass
Provided with 3m cable + plug IP44
Other cable length (customized)

code: 7005. W27 . XX
color

max. efficacity 40lm/W

LED

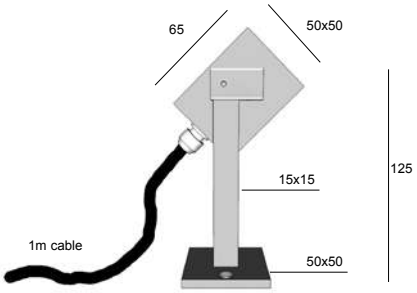
W27 3W 230V - 2700K - 70°

COLOR

02A Anodized black
32 Anodized aluminum

Typical luminous flux (lm)	
	3W
2700 K	170
3000 K	170

3000K = on request
3,2W or 6,5W 350mA 2700K / 3000K / 4000K / 5000K = on request



Mask

Reference	Price €
7005.W27.02A	219.00
7005.W27.32	209.00

Accessories	On request	
AC.8041.32 Lens 10°	**SUP.004** cable 3M + plug IP44 type H05RN-F 3x 1,0mm²	**SUP.003** extra cable 1 meter type H05RN-F 3x 1,0mm²
Lens 01	Cable 04	Cable 03

Reference	Price €
AC.8041.32	33.50

Reference	Price €
SUP.004	14.90

Reference	Price €
SUP.003	4.90

Prince S

IP65

230V

IK06

DESCRIPTION

Body made in solid stainless steel, brass, copper or aluminum
Screws in stainless steel
Degree of protection IP65 - IK06
Safety clear plexiglass
Led 230V incorporated
Provided with 1m cable
Energy class EC: A

ACCESSORIES

Base & stem for ground/wall/ceiling
Stem with spike for ground fixing: Stem B
Anti-glare ring

ON REQUEST

Led 230V 3000K
Anodized aluminum or Other RAL colors
Provided with 3m cable + plug IP44
Other cable length (customized)

230V
3W

code: 8002. XXX . XX
led color

LED

W41 3W - 2700K - 10°
W42 3W - 2700K - 35°

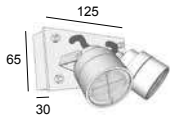
3000K = on request

COLOR

02A Anodized black
04 Brushed stainless steel
07 Brushed brass
21 Brushed copper

max. efficacity 40lm/W

Typical luminous flux (lm)	
	3W
2700 K	170
3000 K	170



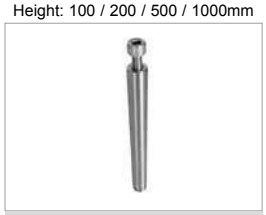
On request

Prince S

Reference	Price €
8002._ _ _.02A	155.00
8002._ _ _.04	165.00
8002._ _ _.07	190.00
8002._ _ _.21	215.00

Accessories (see more details in accessories pages)

TI._ _0.M10A._ _
Ø 10 mm & M10
Height: 100 / 200 / 500 / 1000mm



Stem A

Reference	Price €
TI.010.M10A.02A/04/32	19.00
TI.010.M10A.07	21.50
TI.010.M10A.21	21.50
TI.020.M10A.02A/04/32	22.50
TI.020.M10A.07	25.50
TI.020.M10A.21	25.50
TI.050.M10A.02A/04/32	25.50
TI.050.M10A.07	35.00
TI.050.M10A.21	43.50
TI.100.M10A.02A/04/32	36.50
TI.100.M10A.07	49.00
TI.100.M10A.21	67.50

BASE.060A._ _
Ø 60 mm & M10
Thickness 5mm

Base 60-A

Reference	Price €
BASE.060A.02A	23.50
BASE.060A.04	25.50
BASE.060A.07	32.00
BASE.060A.21	37.00
BASE.060A.32	23.50

BASE.100A._ _
Ø 100 mm & M10
Thickness 5mm

Base 100-A

Reference	Price €
BASE.100A.02A	34.50
BASE.100A.04	36.50

BASE.060B._ _
IP65 - Ø 60 mm & M10
Height 40mm + cable gland

Base 60-B

Reference	Price €
BASE.060B.02A	65.00
BASE.060B.04	72.50
BASE.060B.07	89.00
BASE.060B.21	119.00
BASE.060B.32	65.00

Accessories (see more details in accessories pages)

AC.FX01.02A

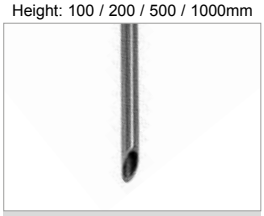
Ø 40 mm & M10
Thickness 15mm

Base Strap

Reference	Price €
AC.FX01.02A	39.50

TI._ _0.SPK._ _

Ø 10 mm with Spike for ground fixing
Height: 100 / 200 / 500 / 1000mm



Stem B

Reference	Price €
TI.010.SPK.02A/04/32	19.00
TI.010.SPK.07	21.50
TI.010.SPK.21	21.50
TI.020.SPK.02A/04/32	22.50
TI.020.SPK.07	25.50
TI.020.SPK.21	25.50
TI.050.SPK.02A/04/32	25.50
TI.050.SPK.07	35.00
TI.050.SPK.21	43.50
TI.100.SPK.02A/04/32	36.50
TI.100.SPK.07	49.00
TI.100.SPK.21	67.50

AC.8002.AG._ _

Ø 50 mm
Height 70mm

Anti-glare 05

Reference	Price €
AC.8002.AG.02A	19.50
AC.8002.AG.04	32.00

On request

SUP.004

cable 3M + plug IP44
type H05RN-F 3x 1,0mm²

Cable 04

Reference	Price €
SUP.004	14.90

extra cable 1 meter
type H05RN-F 3x 1,0mm²

Cable 03

Reference	Price €
SUP.003	4.90

Maxima-50

230V
3W

DESCRIPTION

Body made in solid stainless steel, copper or aluminum
Screws in stainless steel
Degree of protection IP65 - IK06
Safety plexiglass
Led 230V incorporated
Provided with 1m cable
Energy class EC: A

IP65
230V
IK06

ACCESSORIES

Base & stem for ground/wall/ceiling
Stem with spike for ground fixing: Stem B
Accessory Lens 10°

ON REQUEST

Led 230V 3000K
Led 3,2 or 6,5W 350mA : 2700K / 3000K / 4000K / 5000K
Other material: brass
Provided with 3m cable + plug IP44
Other cable length (customized)

code: 7004. W27 . XX
color

LED

W27 3W 230V - 2700K - 70°

COLOR

02A	Anodized black	0.4
04	Brushed stainless steel	0.75
21	Brushed copper	0.8
32	Anodized aluminum	0.4

max. efficacity 40lm/W

Typical luminous flux (lm)	
	3W
2700 K	170
3000 K	170

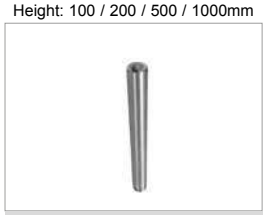
3000K = on request
3,2W or 6,5W 350mA 2700K / 3000K / 4000K / 5000K = on request

Maxima-50

Reference	Price €
7004.W27.02A	159.00
7004.W27.04	199.00
7004.W27.21	249.00
7004.W27.32	159.00

Accessories (see more details in accessories pages)

TI._ _0.M10A._ _
Ø 10 mm & M10
Height: 100 / 200 / 500 / 1000mm



Stern A

Reference	Price €
TI.010.M10A.02A/04/32	19.00
TI.010.M10A.21	21.50
TI.020.M10A.02A/04/32	22.50
TI.020.M10A.21	25.50
TI.050.M10A.02A/04/32	25.50
TI.050.M10A.21	43.50
TI.100.M10A.02A/04/32	36.50
TI.100.M10A.21	67.50

BASE.060A._ _
Ø 60 mm & M10
Thickness 5mm

Base 60-A

Reference	Price €
BASE.060A.02A	23.50
BASE.060A.04	25.50
BASE.060A.21	37.00
BASE.060A.32	23.50

BASE.100A._ _
Ø 100 mm & M10
Thickness 5mm

Base 100-A

Reference	Price €
BASE.100A.02A	34.50
BASE.100A.04	36.50

BASE.060B._ _
IP65 - Ø 60 mm & M10
Height 40mm + cable gland

Base 60-B

Reference	Price €
BASE.060B.02A	65.00
BASE.060B.04	72.50
BASE.060B.21	119.00
BASE.060B.32	65.00

Accessories (see more details in accessories pages)

AC.FX01.02A

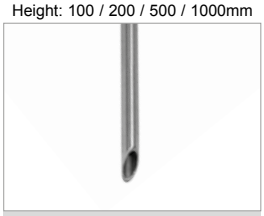
Ø 40 mm & M10
Thickness 15mm

Base Strap

Reference	Price €
AC.FX01.02A	39.50

TI._ _0.SPK._ _

Ø 10 mm with Spike for ground fixing
Height: 100 / 200 / 500 / 1000mm



Stem B

Reference	Price €
TI.010.SPK.02A/04/32	19.00
TI.010.SPK.21	21.50
TI.020.SPK.02A/04/32	22.50
TI.020.SPK.21	25.50
TI.050.SPK.02A/04/32	25.50
TI.050.SPK.21	43.50
TI.100.SPK.02A/04/32	36.50
TI.100.SPK.21	67.50

AC.8041.32

Lens 10°

Lens 01

Reference	Price €
AC.8041.32	33.50

On request

SUP.004

cable 3M + plug IP44
type H05RN-F 3x 1,0mm²

Cable 04

Reference	Price €
SUP.004	14.90

extra cable 1 meter
type H05RN-F 3x 1,0mm²

Cable 03

Reference	Price €
SUP.003	4.90

Maxima-65

IP65
230V
IK06

230V
6W

DESCRIPTION

Body made in solid stainless steel, brass or aluminum
Screws in stainless steel
Degree of protection IP65 - IK06
Safety clear plexiglass
Dimmable Led 230V incorporated
Provided with 1m cable
Energy class EC: A

ACCESSORIES

Base & stem for ground/wall/ceiling
Stem with spike for ground fixing: Stem B
Accessory Lens 10°
Anti-glare ring
Anti-glare honeycomb : Louver ref: X060.043.3

ON REQUEST

Led 6,5W or 9,5W 350mA : 2700K / 3000K / 4000K / 5000K
Provided with 3m cable + plug IP44
Other cable length (customized)

code: 7002. XXX . XX
led color

DIMMABLE

max. efficacity 83lm/W

LED

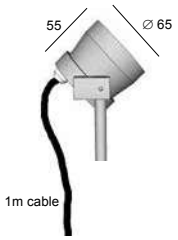
W11	6W 230V - 2700K - 20°
W12	6W 230V - 2700K - 40°
W21	6W 230V - 3000K - 20°
W22	6W 230V - 3000K - 40°

COLOR

02A	Anodized black	0.55
04	Brushed stainless steel	0.95
07	Brushed brass	1
32	Anodized aluminum	0.55

Typical luminous flux (lm)	
	6W
2700 K	480
3000 K	500

Dim-To-Warm 1800K-3000K = on request
6,5W or 9,5W 350mA 2700K / 3000K / 4000K / 5000K = on request

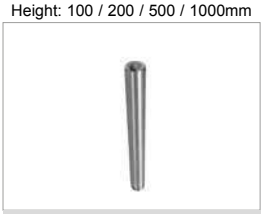


Maxima-65

Reference	Price €
7002._ _ _.02A	199.00
7002._ _ _.04	265.00
7002._ _ _.07	285.00
7002._ _ _.32	199.00

Accessories (see more details in accessories pages)

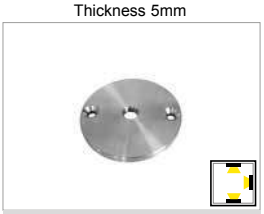
TI._ _0.M10A._ _
Ø 10 mm & M10
Height: 100 / 200 / 500 / 1000mm



Stern A

Reference	Price €
TI.010.M10A.02A/04/32	19.00
TI.010.M10A.07	21.50
TI.020.M10A.02A/04/32	22.50
TI.020.M10A.07	25.50
TI.050.M10A.02A/04/32	25.50
TI.050.M10A.07	35.00
TI.100.M10A.02A/04/32	36.50
TI.100.M10A.07	49.00

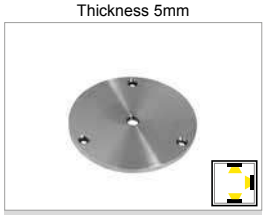
BASE.060A._ _
Ø 60 mm & M10
Thickness 5mm



Base 60-A

Reference	Price €
BASE.060A.02A	23.50
BASE.060A.04	25.50
BASE.060A.07	32.00
BASE.060A.32	23.50

BASE.100A._ _
Ø 100 mm & M10
Thickness 5mm



Base 100-A

Reference	Price €
BASE.100A.02A	34.50
BASE.100A.04	36.50

BASE.060B._ _
IP65 - Ø 60 mm & M10
Height 40mm + cable gland

Base 60-B

Reference	Price €
BASE.060B.02A	65.00
BASE.060B.04	72.50
BASE.060B.07	89.00
BASE.060B.32	65.00

Accessories (see more details in accessories pages)

AC.FX01.02A

Ø 40 mm & M10
Thickness 15mm

Base Strap

Reference	Price €
AC.FX01.02A	39.50

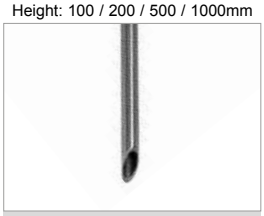
Ø 70 mm Height 85mm

Anti-glare 03

Reference	Price €
AC.7002.AG.02A	29.50
AC.7002.AG.32	29.50

TI._ _0.SPK._ _

Ø 10 mm with Spike for ground fixing
Height: 100 / 200 / 500 / 1000mm



Stem B

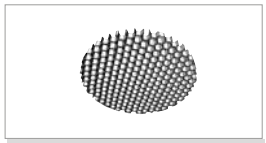
Reference	Price €
TI.010.SPK.02A/04/32	19.00
TI.010.SPK.07	21.50
TI.020.SPK.02A/04/32	22.50
TI.020.SPK.07	25.50
TI.050.SPK.02A/04/32	25.50
TI.050.SPK.07	35.00
TI.100.SPK.02A/04/32	36.50
TI.100.SPK.07	49.00

AC.7002.LS._ _

Lens 10°

Lens 03

Reference	Price €
AC.7002.LS.02A	55.00
AC.7002.LS.04	62.00
AC.7002.LS.07	62.00
AC.7002.LS.32	55.00



Louver

Reference	Price €
X060.043.3	12.50

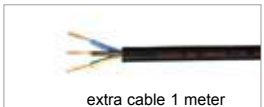
On request

SUP.004

cable 3M + plug IP44
type H05RN-F 3x 1,0mm²

Cable 04

Reference	Price €
SUP.004	14.90



extra cable 1 meter
type H05RN-F 3x 1,0mm²

Cable 03

Reference	Price €
SUP.003	4.90

230V
6W - 10W

0,5

IP65

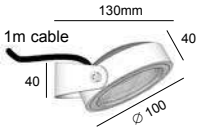
230V

Salsa

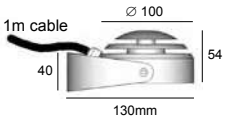
DESCRIPTION

Body made in solid brass or anodized aluminum
Screws in brass or stainless steel
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Dimmable Led 230V incorporated
Provided with 1m cable
Energy class EC: A

With Led 6W



With Led 10W



ACCESSORIES

Base for ground/wall/ceiling
Spike for ground fixing: Spike 1 or Ecopic

ON REQUEST

Other Led color : 2700K
Other color: anodized aluminum
Other materials (copper)
Provided with 3m cable + plug IP44
Other cable length (customized)

max. efficacity 90lm/W

Weight (kg)	6W	10W
02A	0,50	0,60
07	1,30	2,00

Typical luminous flux (lm)	6W	10W
2700 K	480	860
3000 K	500	900

With Salsa base

code: 8091. XX . XX
led color

DIMMABLE

LED

W2 6W - 3000K
W3 10W - 3000K

2700K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

02A Anodized black
07 Brushed brass

Salsa

Reference	Price €
8091.W2.02A	225.00
8091.W2.07	285.00
8091.W3.02A	285.00
8091.W3.07	369.00

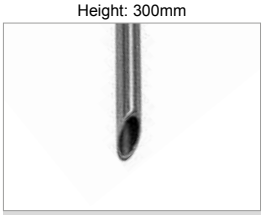
Accessories (see more details in accessories pages)

AC.FX01.02A
Ø 40 mm & M10
Thickness 15mm

Base Strap

Reference	Price €
AC.FX01.02A	39.50

AC.FX12.30.04
Ø 12 mm & M10
Height: 300mm


Spike 1

Reference	Price €
AC.FX12.30.04	18.00

805.00.07
Ø 40 mm & M10
Height: 210mm

Ecopic

Reference	Price €
805.00.07	16.50

AC.8091._ _
Ø 60 mm
Height: 45mm

Salsa base

Reference	Price €
AC.8091.02A	65.50
AC.8091.07	122.00

On request

SUP.004

cable 3M + plug IP44
type H05RN-F 3x 1,0mm²

Cable 04

Reference	Price €
SUP.004	14.90

SUP.003

extra cable 1 meter
type H05RN-F 3x 1,0mm²

Cable 03

Reference	Price €
SUP.003	4.90

Saturn Led

230V
6W - 10W

IP67
230V
IK10

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP67 - IK10
Safety clear glass 10mm thickness
Dimmable Led 230V incorporated
Provided with 1m cable
Energy class EC: A

ACCESSORIES

Base & stem for ground/wall/ceiling
Stem with spike for ground fixing: Stem B
Anti-glare honeycomb : Louver ref: X060.043.3
Anti-glare ring - ref: AC.8029.AG._ _

ON REQUEST

Other RAL colors
Other led colors: 2700K
Provided with 3m cable + plug IP44
Other cable length (customized)

code: 7006. XXX . XX
led — color

DIMMABLE

max. efficacity 90lm/W

LED

W21 6W 230V - 3000K - 20°
W22 6W 230V - 3000K - 40°
W41 10W 230V - 3000K - 20°
W42 10W 230V - 3000K - 40°

2700K = on request
Dim-To-Warm 1800K-3000K = on request

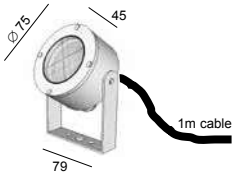
COLOR

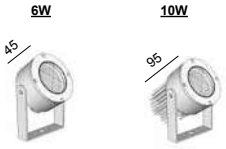
02A Anodized black
32 Anodized aluminum

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

Saturn Led

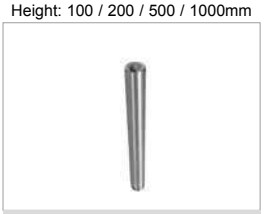
Reference	Price €
7006.W2 _._ _	189.00
7006.W4 _._ _	229.00





Accessories (see more details in accessories pages)

TI._ _0.M10A._ _
Ø 10 mm & M10
Height: 100 / 200 / 500 / 1000mm



Stern A

Reference	Price €
TI.010.M10A.02A/04/32	19.00
TI.020.M10A.02A/04/32	22.50
TI.050.M10A.02A/04/32	25.50
TI.100.M10A.02A/04/32	36.50

BASE.060A._ _
Ø 60 mm & M10
Thickness 5mm

Base 60-A

Reference	Price €
BASE.060A.02A	23.50
BASE.060A.32	23.50

BASE.100A._ _
Ø 100 mm & M10
Thickness 5mm

Base 100-A

Reference	Price €
BASE.100A.02A	34.50
BASE.100A.04	36.50

AC.8029.AG._ _
Ø 80 mm
Height 100mm

Anti-glare 06

Reference	Price €
AC.8029.AG.02A	34.00
AC.8029.AG.32	34.00

Accessories (see more details in accessories pages)

AC.FX01.02A

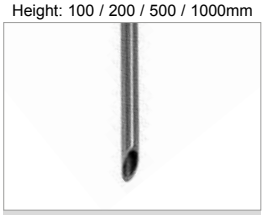
Ø 40 mm & M10
Thickness 15mm

Base Strap

Reference	Price €
AC.FX01.02A	39.50

TI._ _0.SPK._ _

Ø 10 mm with Spike for ground fixing
Height: 100 / 200 / 500 / 1000mm

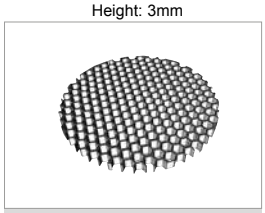


Stem B

Reference	Price €
TI.010.SPK.02A/04/32	19.00
TI.020.SPK.02A/04/32	22.50
TI.050.SPK.02A/04/32	25.50
TI.100.SPK.02A/04/32	36.50

X060.043.3

Ø 43 mm
Height: 3mm



Louver

Reference	Price €
X060.043.3	12.50

On request

SUP.004

cable 3M + plug IP44
type H05RN-F 3x 1,0mm²

Cable 04

Reference	Price €
SUP.004	14.90

extra cable 1 meter
type H05RN-F 3x 1,0mm²

Cable 03

Reference	Price €
SUP.003	4.90

Saturn HP led

350-700mA
6,5W - 24W

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP68 - IK10
Safety clear glass 10mm thickness
Led incorporated
Provided with 1m cable
Energy class EC: A+

IP68
350mA
IK10

ACCESSORIES

Led driver 350mA or 500mA or 700mA CC
Base & stem for ground/wall/ceiling
Stem with spike for ground fixing - Stem B
Anti-glare honeycomb : Louver ref: X060.043.3
Anti-glare ring - ref: AC.8029.AG._ _

ON REQUEST

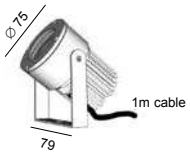
Other RAL colors
Other led colors: 3000K / 4000K
Other cable length (customized)

code: 8029.A XXX. XX

Led
Power
Angle
Color

IP68 - Class III

6,5W - 350mA
9,5W - 350mA
16,5W - 500mA
24,0W - 700mA



LED		POWER		ANGLE		COLOR	
D	5000K	**0**	6,5W	**1**	20°	**02A**	Anodized black
W	2700K	**1**	9,5W	**3**	40°	**32**	Anodized aluminum
		2	16,5W				
		3	24,0W				

3000K / 4000K = on request
Dim-To-Warm 1800K-3000K = on request

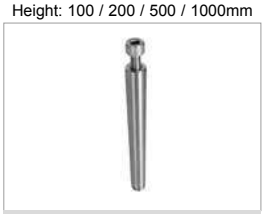
Saturn HP led

Reference	Price €
8029.A_0_._ _	179.00
8029.A_1_._ _	189.00
8029.A_2_._ _	229.00
8029.A_3_._ _	255.50

Accessories (see more details in accessories pages)

TI._ _0.M10A._ _

Ø 10 mm & M10
Height: 100 / 200 / 500 / 1000mm



Stern A

Reference	Price €
TI.010.M10A.02A/04/32	19.00
TI.020.M10A.02A/04/32	22.50
TI.050.M10A.02A/04/32	25.50
TI.100.M10A.02A/04/32	36.50

BASE.060A._ _

Ø 60 mm & M10
Thickness 5mm

Base 60-A

Reference	Price €
BASE.060A.02A	23.50
BASE.060A.32	23.50

BASE.100A._ _

Ø 100 mm & M10
Thickness 5mm

Base 100-A

Reference	Price €
BASE.100A.02A	34.50
BASE.100A.04	36.50

AC.FX01.02A

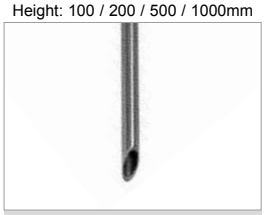
Ø 40 mm & M10
Thickness 15mm

Base Strap

Reference	Price €
AC.FX01.02A	39.50

TI._ _0.SPK._ _

Ø 10 mm with Spike for ground fixing
Height: 100 / 200 / 500 / 1000mm

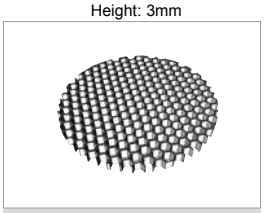


Stem B

Reference	Price €
TI.010.SPK.02A/04/32	19.00
TI.020.SPK.02A/04/32	22.50
TI.050.SPK.02A/04/32	25.50
TI.100.SPK.02A/04/32	36.50

X060.043.3

Ø 43 mm
Height: 3mm



Louver

Reference	Price €
X060.043.3	12.50

AC.8029.AG._ _

Ø 80 mm
Height 100mm

Anti-glare 06

Reference	Price €
AC.8029.AG.02A	34.00
AC.8029.AG.32	34.00

230V
6,5W - 24W

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65 - IK10
Safety clear glass 10mm thickness
Led incorporated
Led driver 230V incorporated
Energy class EC: A+

ACCESSORIES

Spike for ground fixing - Pic 3
Anti-glare honeycomb : Louver ref: X060.043.3
Anti-glare ring - ref: AC.8029.AG._ _

ON REQUEST

Other RAL colors
Other led colors: 3000K / 4000K

0,5

IP65

230V

IK10

Saturn HP led

code: 8029.B XXX. XX

Led
Power
Angle
Color

1.2

IP65 - Class I - 230V

6,5W
9,5W

16,5W
24,0W

LED		POWER		ANGLE		COLOR	
D	5000K	**0**	6,5W	**1**	20°	**02A**	Anodized black
W	2700K	**1**	9,5W	**3**	40°	**32**	Anodized aluminum
		2	16,5W				
		3	24,0W				

3000K / 4000K = on request
Dim-To-Warm 1800K-3000K = on request

Saturn HP led

Reference	Price €
8029.B_0_._ _	309.00
8029.B_1_._ _	319.00
8029.B_2_._ _	389.00
8029.B_3_._ _	416.00

max. efficacity 158lm/W

Typical luminous flux (lm)				
	6,5W	9,5W	16,5W	24,0W
2700 K	807	1215	2196	3070
3000 K	845	1265	2285	3200
4000 K	877	1316	2373	3300
5000 K	959	1443	2609	3650

On request

SUP.004

cable 3M + plug IP44
type H05RN-F 3x 1,0mm²

Cable 04

Reference	Price €
SUP.004	14.90

extra cable 1 meter
type H05RN-F 3x 1,0mm²

Cable 03

Reference	Price €
SUP.003	4.90

Accessories (see more details in accessories pages)

AC.8029.AG._ _

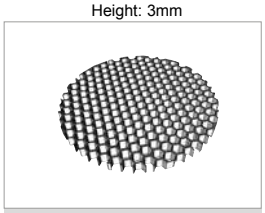
Ø 80 mm
Height 100mm

Anti-glare 06

Reference	Price €
AC.8029.AG.02A	34.00
AC.8029.AG.32	34.00

X060.043.3

Ø 43 mm
Height: 3mm



Louver

Reference	Price €
X060.043.3	12.50

804.00.32

Ø 100 mm
Height: 200mm

Pic 3

Reference	Price €
804.00.32	59.00

Maxima-100

IP65

230V

IK06

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65 - IK06
Safety clear plexiglass
Dimmable Led 230V incorporated
Provided with 1m cable
Energy class EC: A

ACCESSORIES

Base & stem for ground/wall/ceiling
Stem with spike for ground fixing: Stem B
Accessory Lens 10°
Anti-glare ring
Anti-glare honeycomb : Louver ref: X060.082.3

ON REQUEST

Led 24W 700mA : 2700K / 3000K / 4000K / 5000K
Provided with 3m cable + plug IP44
Other cable length (customized)

230V
10W - 20W

code: 7003. XXX . XX
led color

DIMMABLE

max. efficacity 90lm/W

LED

W11	10W 230V - 3000K - 16°
W12	10W 230V - 3000K - 40°
W21	20W 230V - 3000K - 16°
W22	20W 230V - 3000K - 40°

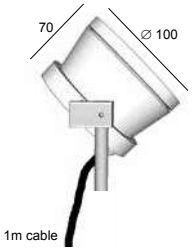
COLOR

02A	Anodized black
32	Anodized aluminum

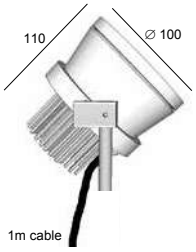
Typical luminous flux (lm)		
	10W	20W
2700 K	860	
3000 K	900	1780

Led 10W 2700K = on request
Dim-To-Warm 1800K-3000K = on request
24W 700mA 2700K / 3000K / 4000K / 5000K = on request

With Led 10W



With Led 20W

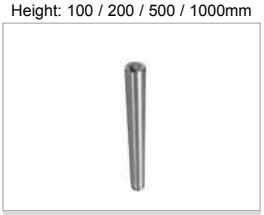


Maxima-100

Reference	Price €
7003.W1 _._ _	259.00
7003.W2 _._ _	299.00

Accessories (see more details in accessories pages)

TI._ _0.M10A._ _
Ø 10 mm & M10
Height: 100 / 200 / 500 / 1000mm



Stern A

Reference	Price €
TI.010.M10A.02A/04/32	19.00
TI.020.M10A.02A/04/32	22.50
TI.050.M10A.02A/04/32	25.50
TI.100.M10A.02A/04/32	36.50

BASE.060A._ _
Ø 60 mm & M10
Thickness 5mm

Base 60-A

Reference	Price €
BASE.060A.02A	23.50
BASE.060A.04	25.50
BASE.060A.32	23.50

BASE.100A._ _
Ø 100 mm & M10
Thickness 5mm

Base 100-A

Reference	Price €
BASE.100A.02A	34.50
BASE.100A.04	36.50

BASE.060B._ _
IP65 - Ø 60 mm & M10
Height 40mm + cable gland

Base 60-B

Reference	Price €
BASE.060B.02A	65.00
BASE.060B.04	72.50
BASE.060B.32	65.00

Accessories (see more details in accessories pages)

AC.FX01.02A

Ø 40 mm & M10
Thickness 15mm

Base Strap

Reference	Price €
AC.FX01.02A	39.50

AC.7003.AG._ _

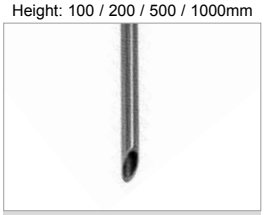
Ø 110 mm Height 130mm

Anti-glare 04

Reference	Price €
AC.7003.AG.02A	44.00
AC.7003.AG.32	44.00

TI._ _0.SPK._ _

Ø 10 mm with Spike for ground fixing
Height: 100 / 200 / 500 / 1000mm



Stem B

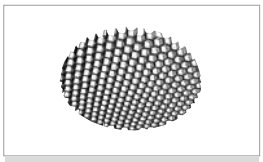
Reference	Price €
TI.010.SPK.02A/04/32	19.00
TI.020.SPK.02A/04/32	22.50
TI.050.SPK.02A/04/32	25.50
TI.100.SPK.02A/04/32	36.50

AC.7003.LS._ _

Lens 10°

Lens 04

Reference	Price €
AC.7003.LS.02A	69.50
AC.7003.LS.32	69.50



Louver

Reference	Price €
X060.082.3	15.90

On request

SUP.004

cable 3M + plug IP44
type H05RN-F 3x 1,0mm²

Cable 04

Reference	Price €
SUP.004	14.90

extra cable 1 meter
type H05RN-F 3x 1,0mm²

Cable 03

Reference	Price €
SUP.003	4.90

Maxima-GU

230V
GU10

DESCRIPTION

Body made in solid stainless steel, brass, copper or aluminum
Screws in stainless steel
Degree of protection IP65 - IK06
Safety clear plexiglass
Provided with 1m cable
Energy class EC: A++/A

IP65
230V
IK06

ACCESSORIES

Base & stem for ground/wall/ceiling
Stem with spike for ground fixing: Stem B
Anti-glare ring

ON REQUEST

Provided with 3m cable + plug IP44
Other cable length (customized)

code: 7001. GU . XX
color

BULB

GU GU10 LED (max. height 58mm)

COLOR

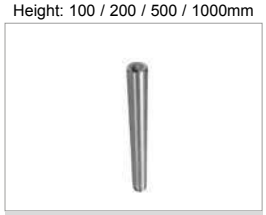
02A	Anodized black	0.6
04	Brushed stainless steel	1.0
07	Brushed brass	1.0
21	Brushed copper	1.1
32	Anodized aluminum	0.6

Maxima-GU

Reference	Price €
7001.GU.02A	155.00
7001.GU.04	175.00
7001.GU.07	175.00
7001.GU.21	219.00
7001.GU.32	155.00

Accessories (see more details in accessories pages)

TI._ _0.M10A._ _
Ø 10 mm & M10
Height: 100 / 200 / 500 / 1000mm



Stern A

Reference	Price €
TI.010.M10A.02A/04/32	19.00
TI.010.M10A.07	21.50
TI.010.M10A.21	21.50
TI.020.M10A.02A/04/32	22.50
TI.020.M10A.07	25.50
TI.020.M10A.21	25.50
TI.050.M10A.02A/04/32	25.50
TI.050.M10A.07	35.00
TI.050.M10A.21	43.50
TI.100.M10A.02A/04/32	36.50
TI.100.M10A.07	49.00
TI.100.M10A.21	67.50

BASE.060A._ _
Ø 60 mm & M10
Thickness 5mm

Base 60-A

Reference	Price €
BASE.060A.02A	23.50
BASE.060A.04	25.50
BASE.060A.07	32.00
BASE.060A.21	37.00
BASE.060A.32	23.50

BASE.100A._ _
Ø 100 mm & M10
Thickness 5mm

Base 100-A

Reference	Price €
BASE.100A.02A	34.50
BASE.100A.04	36.50

BASE.060B._ _
IP65 - Ø 60 mm & M10
Height 40mm + cable gland

Base 60-B

Reference	Price €
BASE.060B.02A	65.00
BASE.060B.04	72.50
BASE.060B.07	89.00
BASE.060B.21	119.00
BASE.060B.32	65.00

Accessories (see more details in accessories pages)

AC.FX01.02A

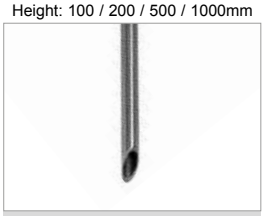
Ø 40 mm & M10
Thickness 15mm

Base Strap

Reference	Price €
AC.FX01.02A	39.50

TI._ _0.SPK._ _

Ø 10 mm with Spike for ground fixing
Height: 100 / 200 / 500 / 1000mm



Stem B

Reference	Price €
TI.010.SPK.02A/04/32	19.00
TI.010.SPK.07	21.50
TI.010.SPK.21	21.50
TI.020.SPK.02A/04/32	22.50
TI.020.SPK.07	25.50
TI.020.SPK.21	25.50
TI.050.SPK.02A/04/32	25.50
TI.050.SPK.07	35.00
TI.050.SPK.21	43.50
TI.100.SPK.02A/04/32	36.50
TI.100.SPK.07	49.00
TI.100.SPK.21	67.50

AC.7001.AG._ _

Ø 65 mm
Height 85mm

Anti-glare 02

Reference	Price €
AC.7001.AG.02A	28.00
AC.7001.AG.32	28.00

On request

SUP.004

cable 3M + plug IP44
type H05RN-F 3x 1,0mm²

Cable 04

Reference	Price €
SUP.004	14.90

extra cable 1 meter
type H05RN-F 3x 1,0mm²

Cable 03

Reference	Price €
SUP.003	4.90

Cylinder S

IP65

230V

IK06

230V GU10

DESCRIPTION

Body made in solid anodized aluminum, stainless steel or brass
Screws in stainless steel
Degree of protection IP65 - IK06
Safety clear plexiglass
Provided with 1m cable
Energy class EC: A++/A

ACCESSORIES

Base & stem for ground/wall/ceiling
Stem with spike for ground fixing: Stem B
Anti-glare ring

ON REQUEST

Other RAL colors
Other materials (copper)
Provided with 3m cable + plug IP44
Other cable length (customized)

code: 240. GU . XX

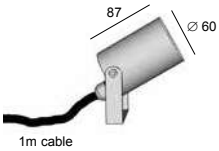
color

BULB

GU GU10 LED (max. height 58mm)

COLOR

02A	Anodized black	0.4
04	Brushed stainless steel	0.7
07	Brushed brass	0.8
32	Anodized aluminum	0.4



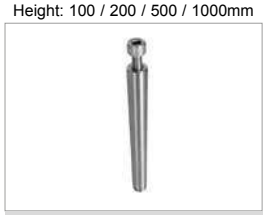
Cylinder S

Reference	Price €
240.GU.02A	139.00
240.GU.04	155.00
240.GU.07	160.00
240.GU.32	139.00

Accessories (see more details in accessories pages)

TI._ _0.M10A._ _

Ø 10 mm & M10
Height: 100 / 200 / 500 / 1000mm



Stern A

Reference	Price €
TI.010.M10A.02A/04/32	19.00
TI.010.M10A.07	21.50
TI.020.M10A.02A/04/32	22.50
TI.020.M10A.07	25.50
TI.050.M10A.02A/04/32	25.50
TI.050.M10A.07	35.00
TI.100.M10A.02A/04/32	36.50
TI.100.M10A.07	49.00

BASE.060A._ _

Ø 60 mm & M10
Thickness 5mm

Base 60-A

Reference	Price €
BASE.060A.02A	23.50
BASE.060A.04	25.50
BASE.060A.07	32.00
BASE.060A.32	23.50

BASE.100A._ _

Ø 100 mm & M10
Thickness 5mm

Base 100-A

Reference	Price €
BASE.100A.02A	34.50
BASE.100A.04	36.50

BASE.060B._ _

IP65 - Ø 60 mm & M10
Height 40mm + cable gland

Base 60-B

Reference	Price €
BASE.060B.02A	65.00
BASE.060B.04	72.50
BASE.060B.07	89.00
BASE.060B.32	65.00

Accessories (see more details in accessories pages)

AC.FX01.02A

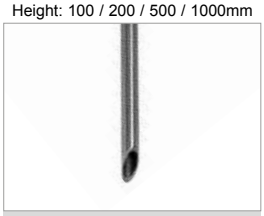
Ø 40 mm & M10
Thickness 15mm

Base Strap

Reference	Price €
AC.FX01.02A	39.50

TI._ _0.SPK._ _

Ø 10 mm with Spike for ground fixing
Height: 100 / 200 / 500 / 1000mm



Stem B

Reference	Price €
TI.010.SPK.02A/04/32	19.00
TI.010.SPK.07	21.50
TI.020.SPK.02A/04/32	22.50
TI.020.SPK.07	25.50
TI.050.SPK.02A/04/32	25.50
TI.050.SPK.07	35.00
TI.100.SPK.02A/04/32	36.50
TI.100.SPK.07	49.00

AC.7001.AG._ _

Ø 65 mm
Height 85mm

Anti-glare 02

Reference	Price €
AC.7001.AG.02A	28.00
AC.7001.AG.32	28.00

On request

SUP.004

cable 3M + plug IP44
type H05RN-F 3x 1,0mm²

Cable 04

Reference	Price €
SUP.004	14.90

extra cable 1 meter
type H05RN-F 3x 1,0mm²

Cable 03

Reference	Price €
SUP.003	4.90

230V
GU10

IP65

230V

IK09

Eco 1A

IP65

230V

IK09

Eco 1C

DESCRIPTION

Body made in cast aluminum
Stirrup & screws in stainless steel
Degree of protection IP65 - IK09
Safety clear glass 10mm thickness
Energy class EC: A++/A

ACCESSORIES

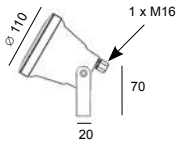
Spike for ground fixing - Ecopic or Spike 1

ON REQUEST

Other RAL colors

code: 239221A.XX
color

code: 239221C.XX
color



BULB

GU10 LED (max. height 53mm)

COLOR

00 Natural aluminum
02 Black
39 Grey

Eco 1A

Reference	Price €
239221A.00	79.00
239221A.02	86.00
239221A.39	86.00

Eco 1C

Reference	Price €
239221C.00	79.00
239221C.02	86.00
239221C.39	86.00

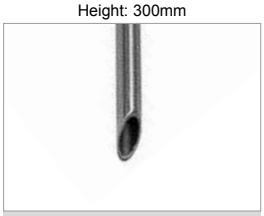
Accessories (see more details in accessories pages)

AC.FX01.02A
Ø 40 mm & M10
Thickness 15mm

Base Strap

Reference	Price €
AC.FX01.02A	39.50

AC.FX12.30.04
Ø 12 mm & M10
Height: 300mm



Spike 1

Reference	Price €
AC.FX12.30.04	18.00

805.00.07
Ø 40 mm & M10
Height: 210mm

Ecopic

Reference	Price €
805.00.07	16.50

IP65
230V
IK09

Eco 2C

DESCRIPTION

Body made in cast aluminum
Stirrup & screws in stainless steel
Degree of protection IP65 - IK09
Safety clear glass 10mm thickness
Provided with 3m cable + plug IP44
Spike for ground fixing included (Ecopic)
Energy class EC: A++/A

ON REQUEST

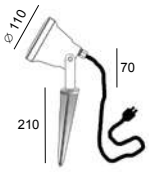
Other RAL colors

IP65
230V
IK09

Eco 2A

code: 239A. GZ. XX
color

code: 239C. GZ. XX
color



Provided with 3m cable + plug

BULB

GZ GU10 LED (max. height 53mm)

COLOR

00 Natural aluminum
02 Black
39 Grey

Eco 2A

Reference	Price €
239C.GZ.00	119.00
239C.GZ.02	126.00
239C.GZ.39	126.00

Eco 2C

Reference	Price €
239A.GZ.00	119.00
239A.GZ.02	126.00
239A.GZ.39	126.00

Max-S1

Max-S2

230V
GU10

DESCRIPTION

IP65
230V
IK04

Body made in profile aluminum or stainless steel
Screws & kneecap in stainless steel
Degree of protection IP65
Safety clear glass
Energy class EC: A++/A

ON REQUEST

Other RAL colors or anodized black
Other dimensions (customized)

code: 301. GU . XX

color

BULB

GU GU10 LED (max. height 56mm)

COLOR

02	Black	0.4
04	Brushed stainless steel	0.6
32	Anodized aluminum	0.4
39	Grey	0.4

code: 302. GU . XX

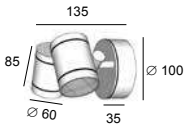
color

BULB

GU 2 x GU10 LED (max. height 56mm)

COLOR

02	Black	0.4
04	Brushed stainless steel	0.6
32	Anodized aluminum	0.4
39	Grey	0.4



Max-S1

Reference	Price €
301.GU.02	168.00
301.GU.04	179.00
301.GU.32	179.00
301.GU.39	168.00

Max-S2

Reference	Price €
302.GU.02	269.00
302.GU.04	344.00
302.GU.32	299.00
302.GU.39	269.00

Tex GZ

IP65
230V
IK04
1,00

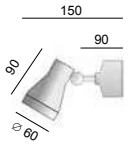
DESCRIPTION

Body made in solid stainless steel
Screws in stainless steel
Degree of protection IP65
Safety clear glass
Energy class EC: A++/A

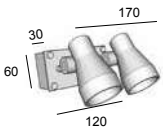
ON REQUEST

Other RAL colors or anodized black
Other materials (brass, copper, ...)
Other dimensions (customized)

code: 741A.GU.04 Tex GZ 1x GU10



code: 1179.GU.04 Tex 2 ON 2x GU10



BULB

GU GU10 LED (max. height 56mm)

COLOR

04 Brushed stainless steel

DESCRIPTION

Body made in solid stainless steel
Screws in stainless steel
Safety clear glass
Energy class EC: A++/A

ON REQUEST

Other RAL colors or anodized black

Tex 2 ON

IP45
230V
IK04
1,90

Tex GZ

Reference	Price €
741A.GU.04	255.00

Tex 2 ON

Reference	Price €
1179.GU.04	399.50

230V
GU10

Tex 1-IN

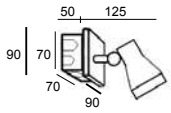
IP44

230V

IK04

DESCRIPTION

Body made in solid stainless steel
Screws in stainless steel
Degree of protection IP44 (floodlight = IP65)
Safety clear glass
Recessed box included
Energy class EC: A++/A



GU

ON REQUEST

Other RAL colors or anodized black
Other materials (aluminum, brass, copper, ...)
Other dimensions (customized)

code: 924A.GU.04

BULB		COLOR	
GU	GU10 LED (max. height 56mm)	**04**	Brushed stainless steel

Tex 2-IN

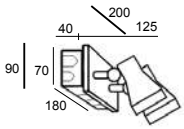
IP44

230V

IK04

DESCRIPTION

Body made in solid stainless steel
Screws in stainless steel
Degree of protection IP44 (floodlight = IP65)
Safety clear glass
Recessed box included
Energy class EC: A++/A



GU

ON REQUEST

Other RAL colors or anodized black
Other materials (aluminum, brass, copper, ...)
Other dimensions (customized)

code: 925.GU.04

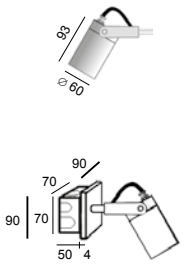
BULB		COLOR	
GU	2 x GU10 LED (max. height 56mm)	**04**	Brushed stainless steel

Tex 1-IN

Reference	Price €
924A.GU.04	219.00

Tex 2-IN

Reference	Price €
925.GU.04	420.00



DESCRIPTION

Body made in stainless steel
Screws in stainless steel
Degree of protection IP44 (floodlight = IP65)
Safety clear plexiglass
Recessed box included
Energy class EC: A++/A

ACCESSORIES

Anti-glare ring

ON REQUEST

Anodized aluminum or Other RAL colors
Other materials (aluminum, brass, copper, ...)
Other dimensions (customized)

IP44
230V
IK04

Cylinder 1-IN

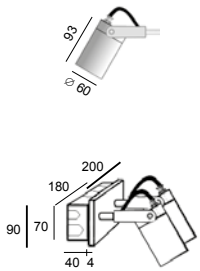
code: 926A.GU.04

BULB

GU GU10 LED (max. height 58mm)

COLOR

04 Brushed stainless steel



IP44
230V
IK04

Cylinder 2-IN

code: 927.GU.04

BULB

GU 2 x GU10 LED (max. height 58mm)

COLOR

04 Brushed stainless steel

Accessory

AC.7001.AG._ _

Ø 65 mm
Height 85mm

Anti-glare 02

Reference	Price €
AC.7001.AG.32	28.00

Cylinder 1-IN

Reference	Price €
926A.GU.04	185.00

Cylinder 2-IN

Reference	Price €
927.GU.04	359.00

Line-Up

DESCRIPTION

Body made in solid stainless steel, brass, copper or aluminum
Screws in stainless steel

ON REQUEST

Other dimensions (customized)

code: 7007. XXX . XX

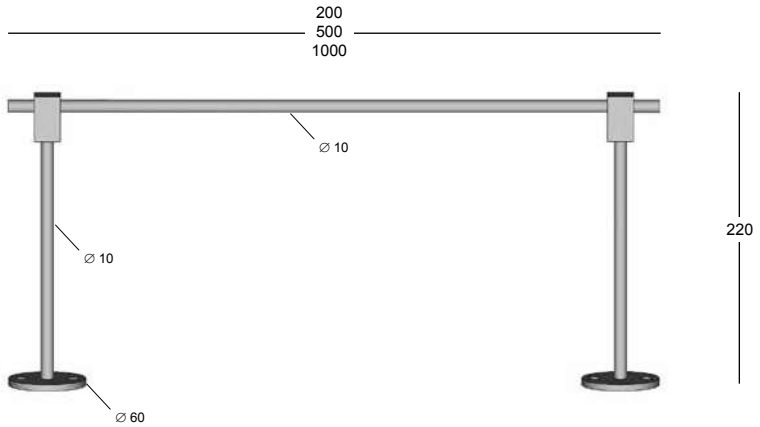
height
color

LENGHT

020	200 mm
050	500 mm
100	1000 mm

COLOR

02A	Anodized black
04	Brushed stainless steel
07	Brushed brass
21	Brushed copper
32	Anodized aluminum



Line-Up

Reference	Price €	Reference	Price €	Reference	Price €
7007.020.02A	145.00	7007.050.02A	149.00	7007.100.02A	165.00
7007.020.04	165.00	7007.050.04	169.00	7007.100.04	179.00
7007.020.07	179.00	7007.050.07	189.00	7007.100.07	209.00
7007.020.21	199.00	7007.050.21	219.00	7007.100.21	245.00
7007.020.32	145.00	7007.050.32	149.00	7007.100.32	165.00

example with 3 x Maxima-GU stainless steel

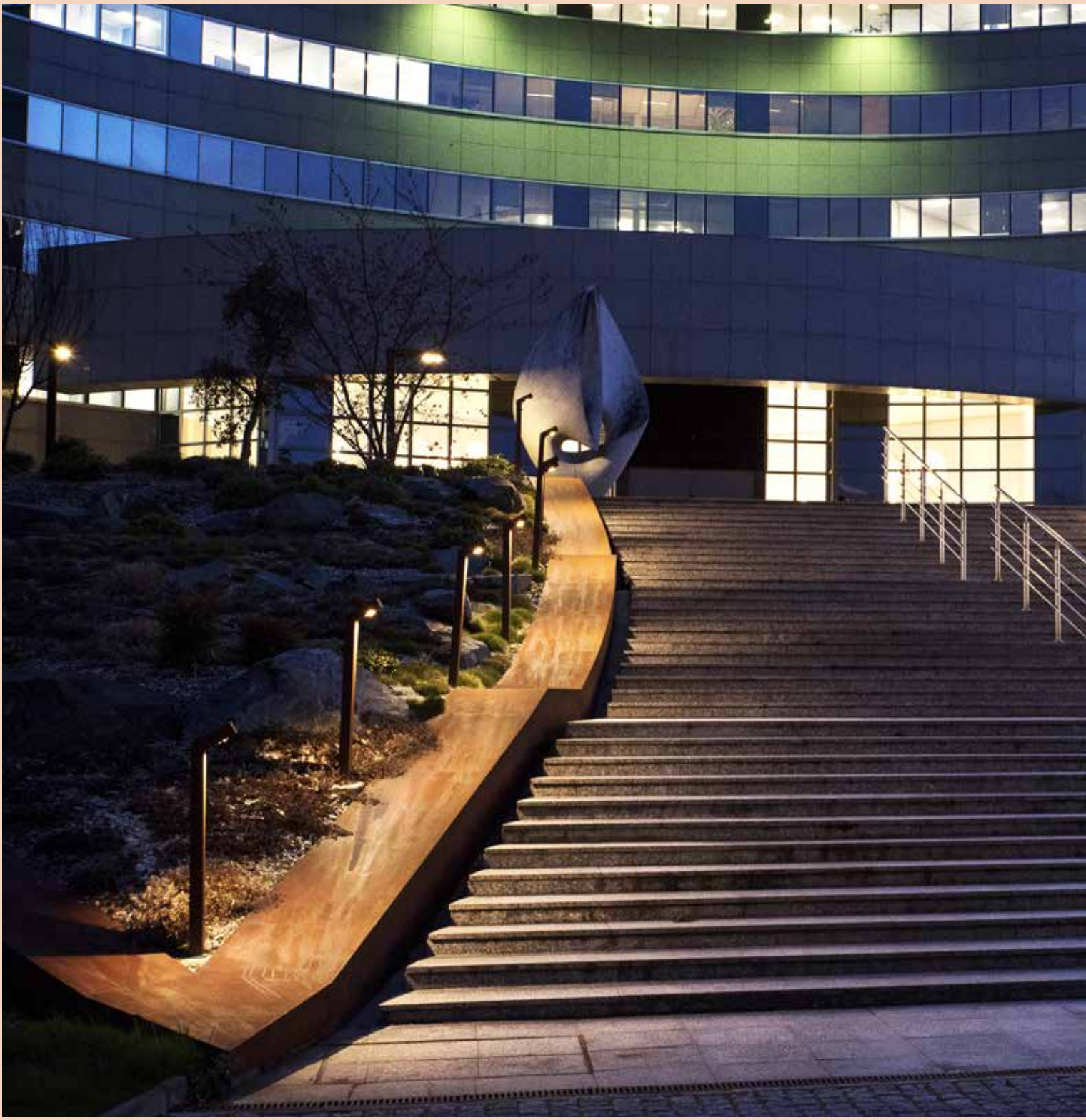
available with the following floodlights

Maxima-50

Maxima-65

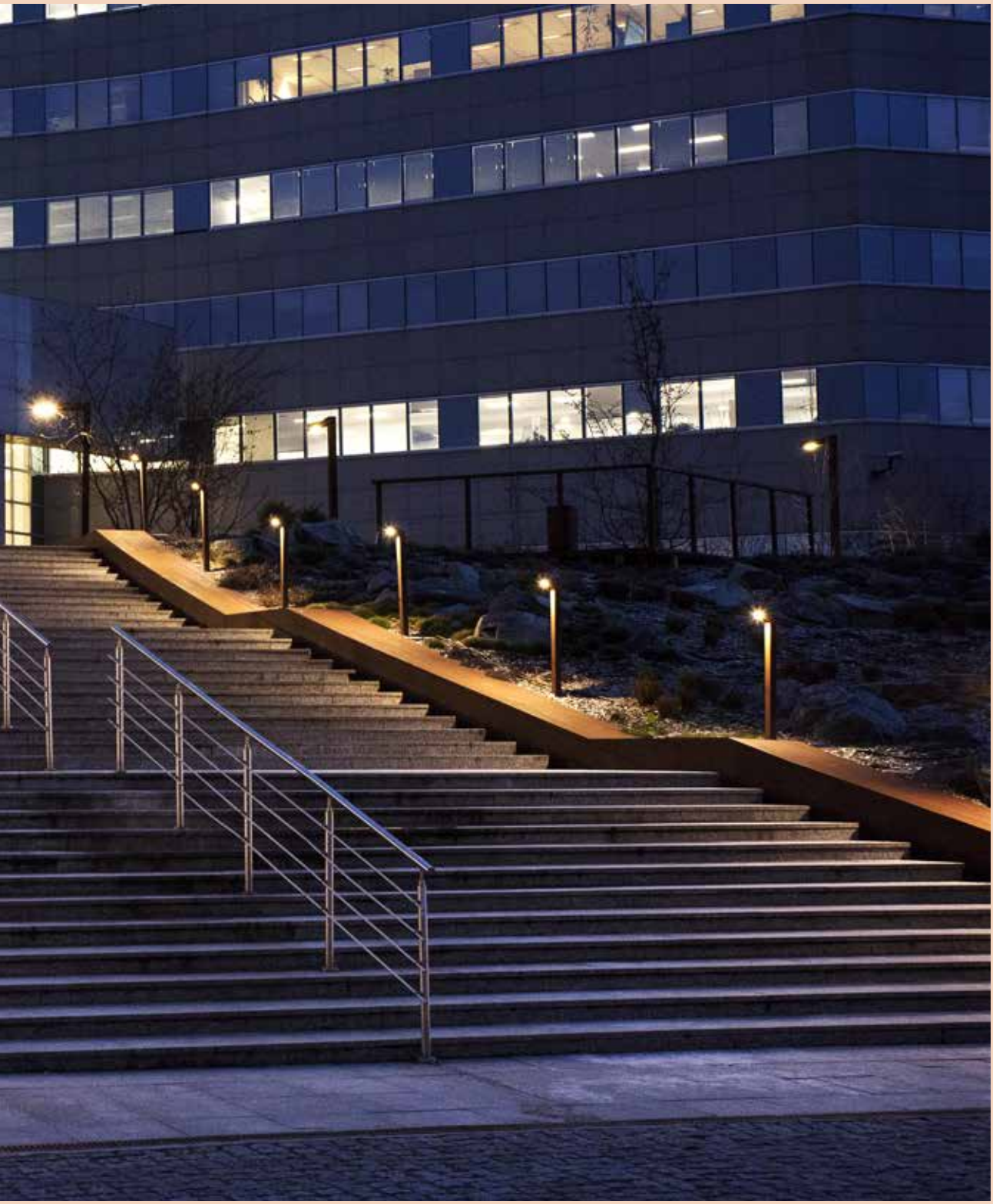
Maxima-100

Maxima-GU



Torga FL

Agence CD&B / Photographe : Isabelle SMOLINSKI
Aménagement de l'espace extérieur, immeuble Pablo Picasso à Nanterre, Île-de-France - INEDIT Lighting



Garden bollard - 1,5m

Exterior

Agence CD&B / Photographe : Isabelle SMOLINSKI
Aménagement de l'espace extérieur, immeuble Pablo Picasso à Nanterre, Île-de-France - INEDIT Lighting

DESCRIPTION

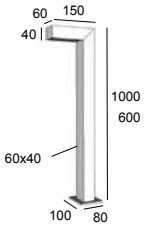
Body made in profile aluminum or iron
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear plexiglass
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

IP68 connection - Connex 2 / 4 / 6
Spike for ground fixing - Pic 2

ON REQUEST

Other RAL colors
Other led colors : 3000K / 4000K
Led 6,5W : 2700K / 3000K / 4000K / 5000K
Other dimensions (customized)



0,5

IP65

230V

IK09

Indy

do not use version rusty iron on tiling, paving, wood, ...

max. efficacity 147lm/W

Typical luminous flux (lm)		
	6,5W	9,5W
2700 K	807	1120
3000 K	845	1143
4000 K	877	1218
5000 K	959	1332

code: 8066. X XXX . XX

height
led
color

HEIGHT

1	600 mm
2	1000 mm

LED

D1	9,5W - 5000K
W1	9,5W - 2700K

3000K / 4000K = on request
6,5W: 2700K / 3000K / 4000K / 5000K = on request
Dim-To-Warm 1800K-3000K = on request

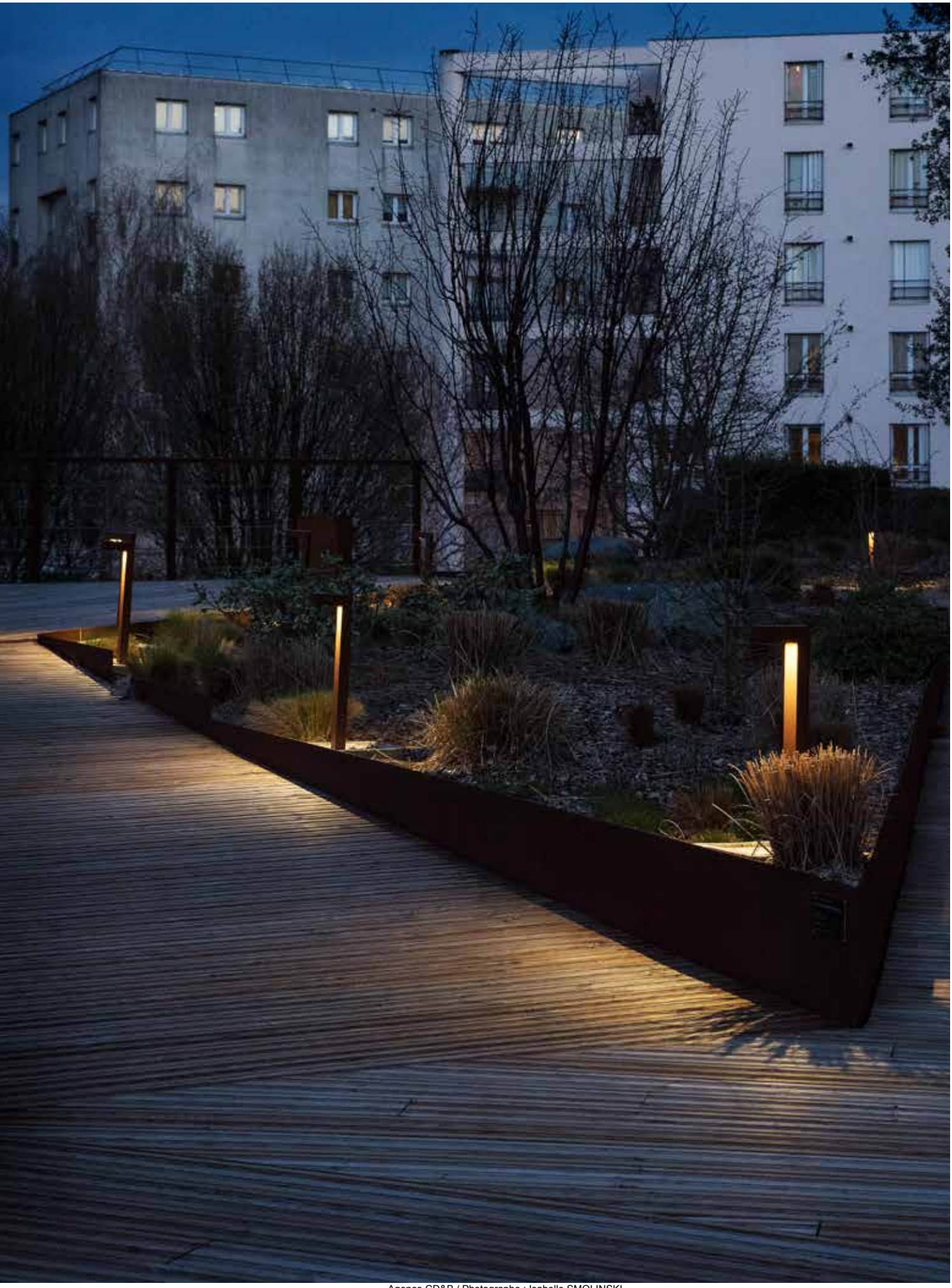
COLOR

02	Black
24	Corten
39	Grey
40	Rusty Iron
48	Dark Grey (RAL 7016 structured)

Weight (kg)		
	600mm	1000mm
02,24,39,48	2,10	3,10
40	2,30	3,50

Indy

Reference	Price €
8066.1_ _._ _	309.00
8066.2_ _._ _	349.00



Agence CD&B / Photographe : Isabelle SMOLINSKI
Aménagement de l'espace extérieur, immeuble Pablo Picasso à Nanterre, Île-de-France - INEDIT Lighting

DESCRIPTION

Body made in profile aluminum or iron
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear plexiglass
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

IP68 connection - Connex 2 / 4 / 6
Spike for ground fixing - Pic 2

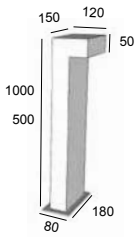
ON REQUEST

Other RAL colors
Other led colors : 3000K / 4000K
Led 9,5W : 2700K / 3000K / 4000K / 5000K
Other dimensions (customized)

IP65
230V
IK09

Sampa FL

*do not use version rusty iron on tiling, paving, wood, ...



max. efficacity 147lm/W

Typical luminous flux (lm)		
	6,5W	9,5W
2700 K	807	1120
3000 K	845	1143
4000 K	877	1218
5000 K	959	1332

code: 8037. X XXX . XX
height
led
color

HEIGHT

2	500 mm
3	1000 mm

LED

D37	6,5W - 5000K
W37	6,5W - 2700K

3000K / 4000K = on request
9,5W: 2700K / 3000K / 4000K / 5000K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

02	Black
24	Corten
39	Grey
40	Rusty Iron
48	Dark Grey (RAL 7016 structured)

Weight (kg)		
	500mm	1000mm
02,24,39,48	2,10	3,70
40	5,30	9,60

Sampa FL

Reference	Price €
8037.2_ _._ _	349.00
8037.3_ _._ _	399.00

Sampa PRO

DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Asymmetrical silicone lens anti-UV, efficiency 89%
Mechanical strength of the luminaire: IK08
Degree of protection IP65
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

IP68 connection - Connex 2 / 4 / 6

ON REQUEST

Other RAL colors or dimensions (customized)
Other led colors: 2700K / 5000K
Driver LED 0-10V dimmable 0 - 100%
Presence or motion detector (around 8m)
Detector with master/slave function

Applications

- Footpath
- Car park
- Park
- Building entrance
- Bicycle path
- PRM area

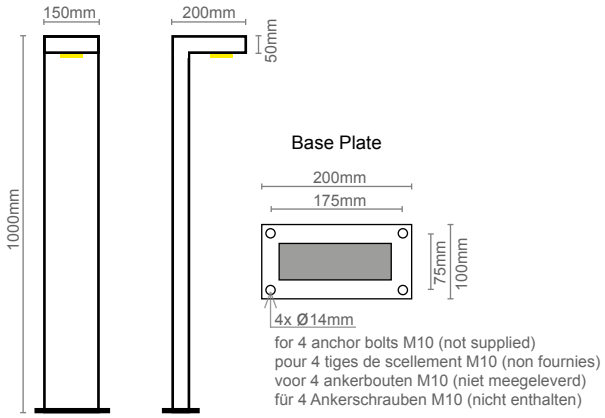
0,5

IP65

230V

IK08

4,50



code: 8037P1.XX.XX Sampa PRO

code: 8037D1.XX.XX Sampa PRO+ (with presence detector)

led color

LED

N1	6,5W - 4000K
N2	9,5W - 4000K
N3	15W - 4000K
W1	6,5W - 3000K
W2	9,5W - 3000K
W3	15W - 3000K

2700K / 5000K = on request

COLOR

02	Black
24	Corten
39	Grey
48	Dark Grey (RAL 7016 structured)

max. efficacity 152lm/W

Typical luminous flux (lm)			
	6,5W	9,5W	15W
2700 K	807	1215	1887
3000 K	845	1265	1966
4000 K	877	1316	2084
5000 K	959	1443	2103

Sampa PRO

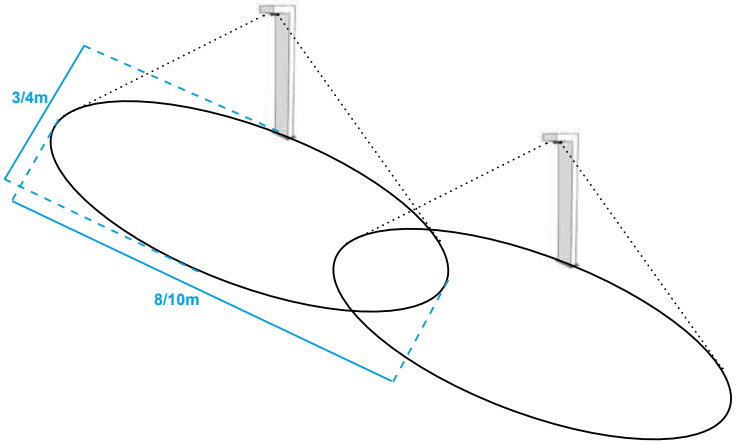
Reference	Price €
8037P1.N1._ _	599.00
8037P1.N2._ _	649.00
8037P1.N3._ _	679.00
8037P1.W1._ _	599.00
8037P1.W2._ _	649.00
8037P1.W3._ _	679.00

Sampa PRO+ (with detector)

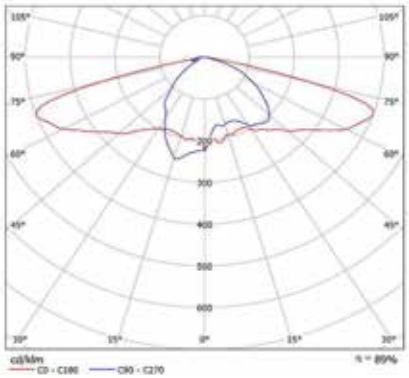
Reference	Price €
8037D1.N1._ _	949.00
8037D1.N2._ _	999.00
8037D1.N3._ _	1029.00
8037D1.W1._ _	949.00
8037D1.W2._ _	999.00
8037D1.W3._ _	1029.00

Sampa PRO
Led bollard

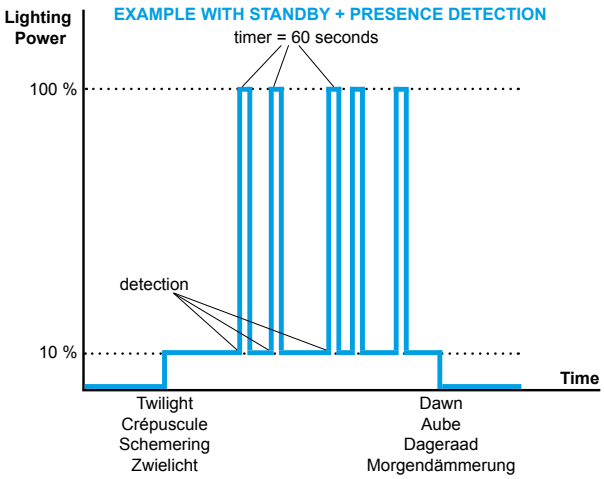
Advantages +
- Timeless design & robust (IK08)
- Lighting level conforms to PRM standards
- Also available with presence detector for:
  - significant energy savings
  - a reduction of light pollution
  - a convenient and secure function to the site
  - an extension to the LED lifetime
- **Made in BELGIUM**



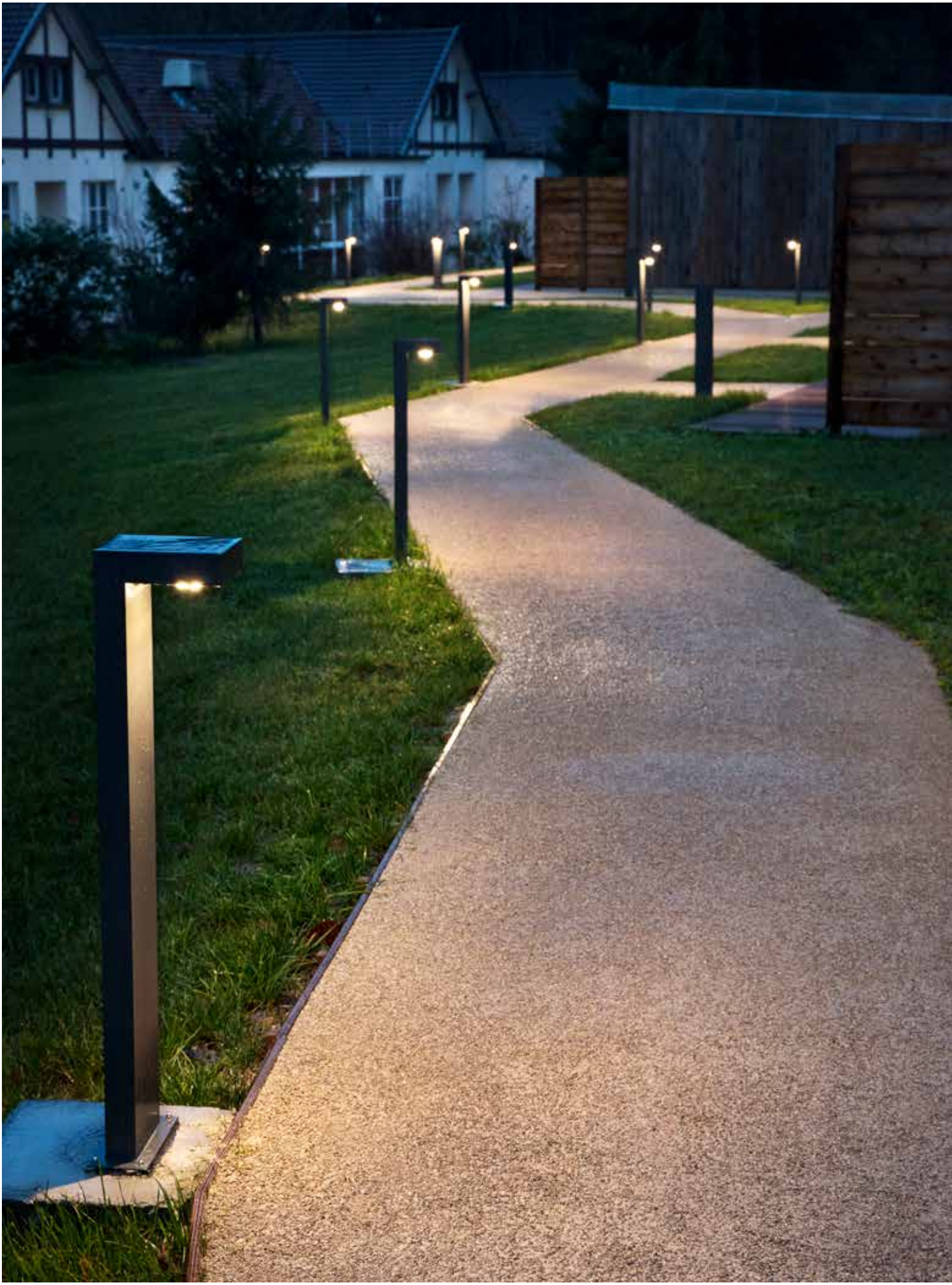
Standard Lens (asymmetrical)



Sampa PRO+ Technical characteristics
- Fixing bracket for the detector in solid aluminum
- Presence detector (around 8m) with presetting:
  - standby function with orientation lighting of 10%
  - timer 60 seconds
  - Twilight function at 200 lux
  ..... or other adjustments on request



Architecte: TCHEPELEV à Chartres / Photographe : Isabelle SMOLINSKI
Aménagement de l'espace extérieur, HPR de Bullion, Île-de-France - maisons familiales



Architecte: TCHEPELEV à Chartres / Photographe : Isabelle SMOLINSKI
Aménagement de l'espace extérieur, HPR de Bullion, Île-de-France - maisons familiales

NEDERLANDS

Toepassingen
- Voetpad
- Parking
- Park
- Ingang gebouwen
- Fietspad
- PBM area

Voordelen +
- Sober en tijdloos design
- Robuust (IK08)
- Verlichtingsniveau voldoet aan de normen PBM
- Ook verkrijgbaar met aanwezigheids detecter voor:
  - aanzienlijke energiebesparingen
  - een vermindering van de lichtvervuiling
  - comfort en een veilige functie op de site
  - een verlenging van de levensduur van de LED
- **Made in BELGIUM**

Sampa PRO Technische specificaties
- Body in aluminium profiel 6000-serie
- Roestvrij stalen schroeven
- Asymmetrische silicone lens anti-UV, rendement 89%
- Mechanische sterkte van toestel: IK08
- Bescherming: IP65
- Gewicht: 4,5 kg
- Geïntegreerde driver en Led
- COB Led CRI>80 - Life: > 70 000 uur * gebruik
- CE - klasse II
- Energieklasse: A+

Sampa PRO+ Technische specificaties
- Detector steun in massief aluminium
- Aanwezigheids detector (bereik circa 8m.) met standaard:
  - slaap functie oriëntatieverlichting tot 10%
  - timer 60 seconden
  - twilight functie op 200 lux
  ..... of andere aanpassingen op aanvraag

Accessoires
- IP68 connectors: connex 2 / 4 / 6

Op aanvraag
- Andere RAL-kleur
- Andere LED kleur: 2700K / 5000K
- Andere maten (op maat)
- 0-10V dimbare LED-driver 0-100%
- Sensor met master / slave-functie
- Economische aanwezigheid detector met alleen on / off
- Afstandsbediening voor gepersonaliseerde aanpassing aanwezigheids detector

DEUTSCH

Anwendungen
- Fußweg
- Parkplatz
- Park
- Gebäudeeingang
- Fahrradweg
- PEM-Bereich

Vorteile +
- Zeitloses Design
- Robust (IK08)
- Beleuchtungsniveau entspricht den Standards PEM
- Auch für mit Präsenzmelder :
  - Erhebliche Energieeinsparungen
  - Eine Reduzierung der Lichtverschmutzung
  - Komfort und eine sichere Funktion im Ort
  - Verlängerung der Lebensdauer der LED
- **Made in BELGIUM**

Sampa PRO Technische Spezifikation
- Body in Aluminium-Profil der Serie 6000
- Schrauben aus rostfreiem Stahl
- Asymmetrische Linse anti-UV Silikon, Wirkungsgrad 89%
- Mechanische Festigkeit der Montage: IK08
- Schutzart: IP65
- Gewicht: 4,5 kg
- Integrierte driver und Led
- COB Led CRI>80 - Lebensdaue: > 70 000 Stunden *
- CE - Klasse II
- Energie-Effizienzklasse: A+

Sampa PRO+ Technische Spezifikation
- Unterstützung für Detektor in massiven Aluminium
- Präsenzmelder (Reichweite ca. 8 m.) mit dem Standard:
  - Sleep-Funktion mit Orientierungsbeleuchtung auf 10%
  - Timer 60 Sekunden
  - Dämmerungsfunktion 200 Lux
  ..... oder andere Anpassungen auf Anfrage

Zubehör
- IP68 Anschlüsse: connex 2 / 4 / 6

Auf Anfrage
- Andere RAL-Farbe
- Andere LED Farbe: 2700K / 5000K
- Weitere Dimension (Custom)
- 0-10V dimmbaren LED-Treiber 0 - 100%
- Sensor mit Master / Slave-Funktion
- Wirtschaftliche Präsenzmelder mit nur ein / aus
- Fernbedienung für die personalisierte Anpassung Präsenzmelder

* Lifetime is only an indication, it mainly depends of the application and use of the luminaire.
* La durée de vie est donnée à titre indicatif, elle dépend essentiellement de l'application et l'utilisation du luminaire.
* De levensduur word als indicatie gegeven, het hangt vooral af van de toepassing en het gebruik van het armatuur.
* Das Leben als Hinweis gegeben wird, hängt es in erster Linie auf die Anwendung und Nutzung der Leuchte.

Applications

- Chemin piétonnier
- Parking
- Parc
- Entrée de bâtiment
- Piste cyclable
- Zone PMR

Avantages +

- Design sobre et intemporel
- Robuste (IK08)
- Niveau d'éclairement conforme aux normes PMR
- Disponible aussi avec détecteur de présence pour:
  - des économies d'énergie importantes
  - une diminution de la pollution lumineuse
  - un confort et une fonction sécurisante au site
  - un allongement de la durée de vie de la led
- **Made in BELGIUM**

Sampa PRO Caractéristiques Techniques

- Corps en profilé d'aluminium série 6000
- Visserie en inox
- Lentille silicone asymétrique anti-UV, efficience 89%
- Tenue mécanique de l'ensemble: IK08
- Degré de protection: IP65
- Poids: 4,5 kg
- Driver et Led intégrés
- COB Led CRI>80 durée de vie: >70 000 h* de fonctionnement
- CE - classe II
- Classe énergétique: A+

Accessoires

- Connecteurs IP68: connex 2 / 4 / 6

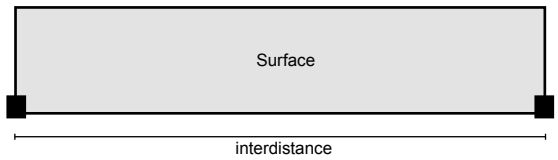
Sampa PRO+ Caractéristiques Techniques

- Support pour détecteur en aluminium massif usiné
- Détecteur de présence (portée env. 8m) avec par défaut:
  - fonction de veille avec éclairage d'orientation à 10%
  - temporisation 60 secondes
  - fonction crépusculaire à 200 lux
  ..... ou autre réglage sur demande

Sur demande

- Autre couleur RAL
- Autre couleur de led : 2700K / 5000K
- Autre dimension (personnalisée)
- Driver LED 0-10V gradable 0 - 100%
- Détecteur avec fonction maître/esclave
- Détecteur de présence économique avec uniquement on/off
- Télécommande pour un réglage personnalisé de détecteur de présence

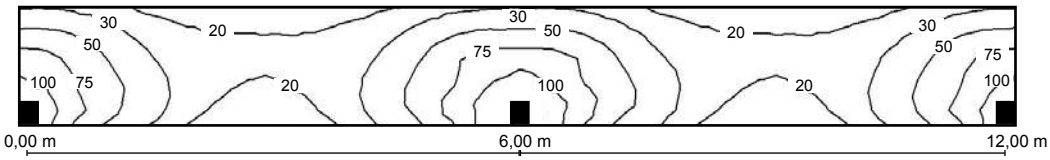
illumination examples with Sampa PRO



example for 2 Sampa PRO (height 1m) with Led **9,5W - 4000K - 1362lm**

Surface	interdistance	E-average Lux	E-maximum Lux	E-minimum Lux	Uniformity Emin/Eav
5m x 1,4m	5 m	93	250	37	0.40
6m x 1,4m	6 m	76	250	25	0,32
7m x 1,4m	7 m	67	250	12	0,18
8m x 1,4m	8 m	59	250	5	0,08
5m x 2,0m	5 m	73	250	16	0,22
7m x 2,0m	7 m	53	250	12	0,23
10m x 2,0m	10 m	37	250	1	0,02
5m x 2,5m	5 m	61	250	7	0,12
7m x 2,5m	7 m	45	250	5	0,12

isolux curve for 3 Sampa PRO (height 1m) with Led **6,5W - 4000K - 747lm**

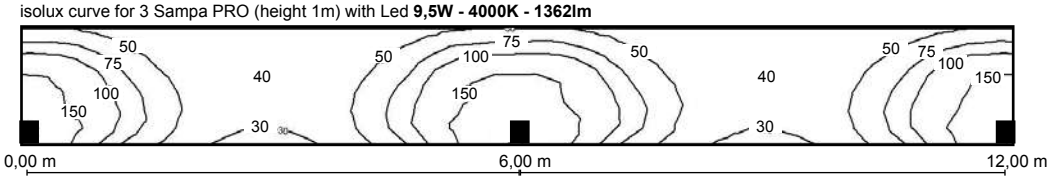


1,40 m
0,00 m

illumination on 12mx1,4m
- average: 42 lux
- minimal: 14 lux
- maximal: 139 lux

Uniformity min/ave: 0,32
Uniformity min/max: 0,10

isolux curve for 3 Sampa PRO (height 1m) with Led **9,5W - 4000K - 1362lm**

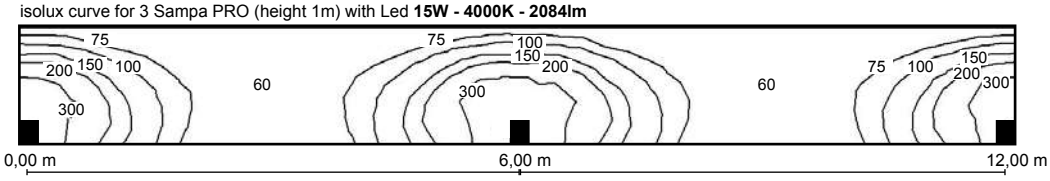


1,40 m
0,00 m

illumination on 12mx1,4m
- average: 76 lux
- minimal: 25 lux
- maximal: 250 lux

Uniformity min/ave: 0,32
Uniformity min/max: 0,10

isolux curve for 3 Sampa PRO (height 1m) with Led **15W - 4000K - 2084lm**



1,40 m
0,00 m

illumination on 12mx1,4m
- average: 131 lux
- minimal: 40 lux
- maximal: 485 lux

Uniformity min/ave: 0,32
Uniformity min/max: 0,08

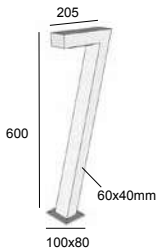
Seven

**do not use version rusty iron on tiling, paving, wood, ...*

IP65

230V

IK09



code: 8065. XX . XX
led color

LED

D1	9,5W - 5000K
W1	9,5W - 2700K

COLOR

02	Black	1.9
39	Grey	1.9
40	Rusty Iron	2.5
48	Dark Grey (RAL 7016 structured)	1.9

3000K / 4000K = on request
6,5W: 2700K / 3000K / 4000K / 5000K = on request
Dim-To-Warm 1800K-3000K = on request

Seven

Reference	Price €
8065._ _._ _	319.00

DESCRIPTION

Body made in profile aluminum or iron
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear plexiglass
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

IP68 connection - Connex 2 / 4 / 6
Spike for ground fixing - Pic 2

ON REQUEST

Other RAL colors
Other led colors : 3000K / 4000K
Led 6,5W : 2700K / 3000K / 4000K / 5000K

max. efficacity 147lm/W

Typical luminous flux (lm)		
	6,5W	9,5W
2700 K	807	1120
3000 K	845	1143
4000 K	877	1218
5000 K	959	1332

DESCRIPTION

Body made in profile aluminum or iron
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear plexiglass
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

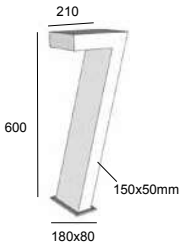
IP68 connection - Connex 2 / 4 / 6
Spike for ground fixing - Pic 2

ON REQUEST

Other RAL colors
Other led colors : 3000K / 4000K

max. efficacity 140lm/W

Typical luminous flux (lm)		
	9,5W	19W
2700 K	1120	2240
3000 K	1173	2346
4000 K	1218	2436
5000 K	1332	2664



code: 8064. XX . XX
led color

LED

D1	9,5W - 5000K
D2	19W - 5000K
W1	9,5W - 2700K
W2	19W - 2700K

3000K / 4000K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

02	Black	2.9
39	Grey	2.9
40	Rusty Iron	6.9
48	Dark Grey (RAL 7016 structured)	2.9

0,5

IP65

230V

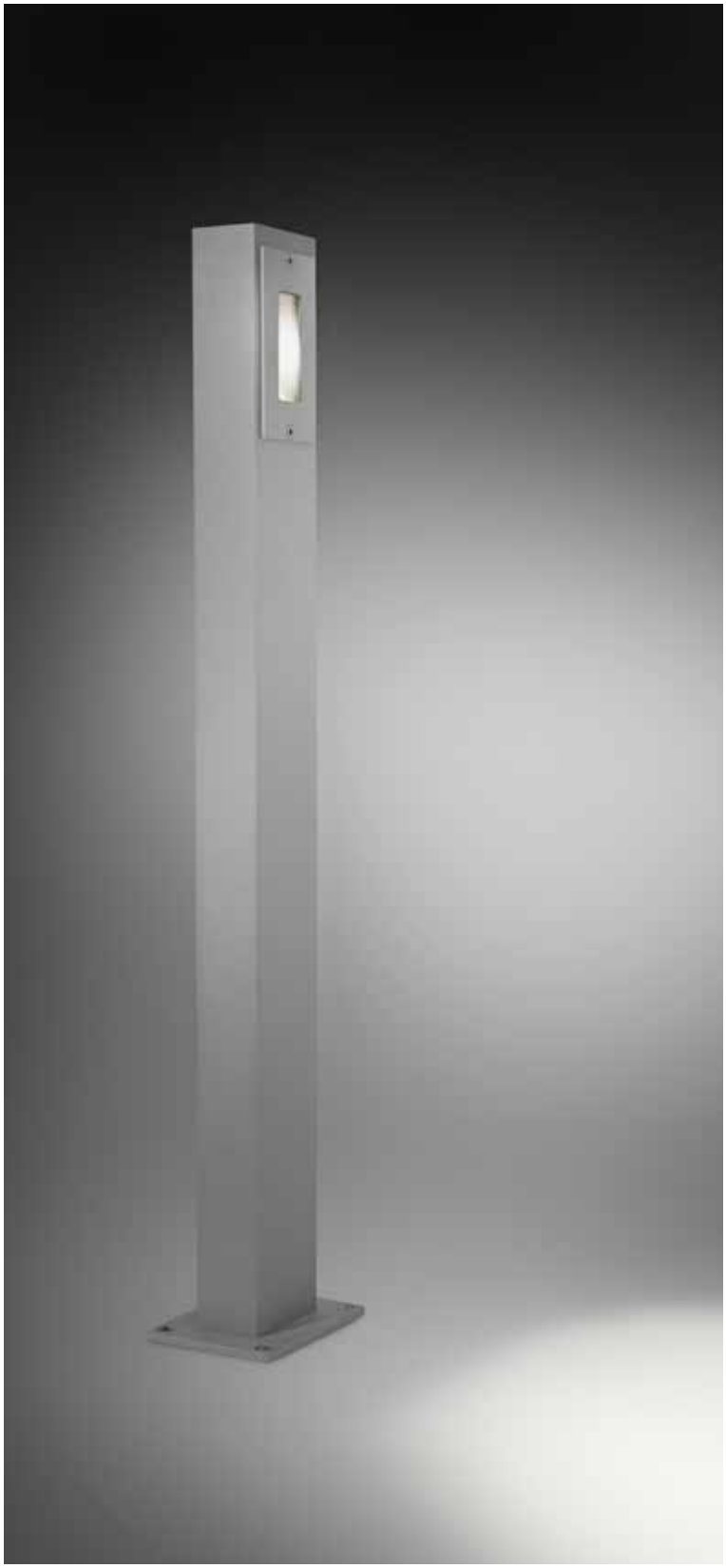
IK09

Big Seven

**do not use version rusty iron on tiling, paving, wood, ...*

Big Seven

Reference	Price €
8064._1._ _	399.00
8064._2._ _	499.00



Strato

IP65

230V

IK09

DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear plexiglass
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

IP68 connection - Connex 2 / 4 / 6
Spike for ground fixing - Pic 2

ON REQUEST

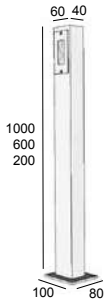
Other RAL colors
Other led colors : 3000K / 4000K
Other dimensions (customized)

Strato

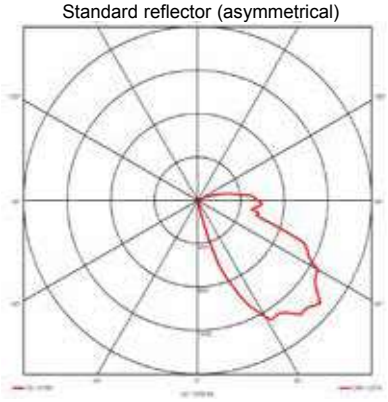
Reference	Price €
8067.1_ _._ _	259.00
8067.2_ _._ _	289.00
8067.3_ _._ _	329.00

max. efficacity 148lm/W

Typical luminous flux (lm)	
	6,5W
2700 K	807
3000 K	845
4000 K	877
5000 K	959



Standard reflector (asymmetrical)



code: 8067. X XX . XX

height
led
color

HEIGHT

1	200 mm	0.75
2	600 mm	1.65
3	1000 mm	2.55

LED

D1	6,5W - 5000K
W1	6,5W - 2700K

COLOR

02	Black
24	Corten
39	Grey
48	Dark Grey (RAL 7016 structured)

Torga FL

DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear plexiglass
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

IP68 connection - Connex 2 / 4 / 6
Spike for ground fixing - Pic 1

ON REQUEST

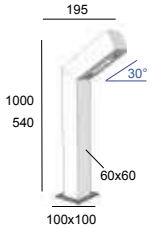
Other RAL colors
Other led colors : 3000K / 4000K
Led 9,5W : 2700K / 3000K / 4000K / 5000K
Other dimensions (customized)

0,5

IP65

230V

IK09



max. efficacity 147lm/W

Typical luminous flux (lm)		
	6,5W	9,5W
2700 K	807	1120
3000 K	845	1143
4000 K	877	1218
5000 K	959	1332

code: 8009. X XXX . XX

height
led
color

HEIGHT

1	540 mm	2,10
1	1000 mm	3,10

LED

D37	6,5W - 5000K
W37	6,5W - 2700K

COLOR

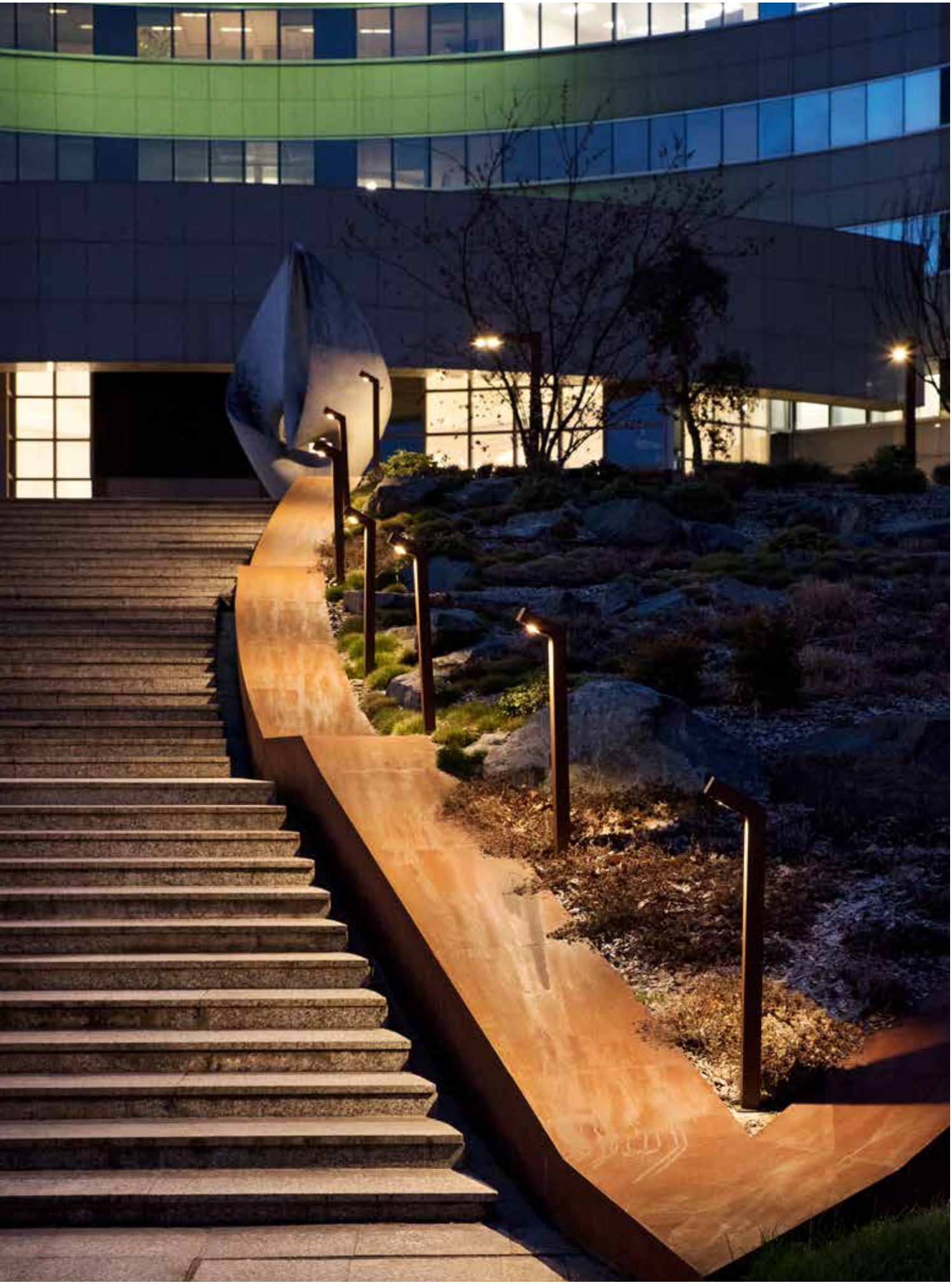
02	Black
24	Corten
39	Grey
48	Dark Grey (RAL 7016 structured)

3000K / 4000K = on request
9,5W: 2700K / 3000K / 4000K / 5000K = on request
Dim-To-Warm 1800K-3000K = on request

Torga FL

Reference	Price €
8009.1 _ _ _._ _	349.00
8009.2 _ _ _._ _	415.00

Agence CD&B / Photographe : Isabelle SMOLINSKI
Aménagement de l'espace extérieur, immeuble Pablo Picasso à Nanterre, Île-de-France - INEDIT Lighting



Agence CD&B / Photographe : Isabelle SMOLINSKI
Aménagement de l'espace extérieur, immeuble Pablo Picasso à Nanterre, Île-de-France - INEDIT Lighting

Goliath K

IP65

230V

IK07

2,50

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Led Bulb E27

ON REQUEST

Other RAL colors
Other socket for LED (G9, G4, E14 …)

0,5

IP65

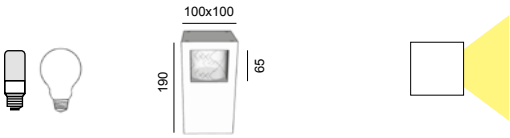
230V

1,40

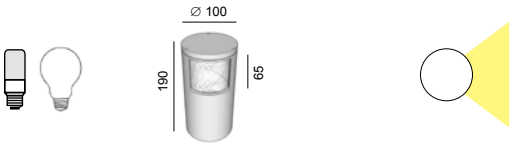
CE

Goliath R

code: 986.E2.32



code: 987.E2.32



BULB

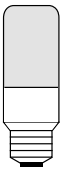
E2 E27 LED (max. diameter 70mm / height 137mm)

Other socket for LED (G9, G4, E14,...) = on request

COLOR

32 Anodized aluminum

Accessorie



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

Goliath K

Reference	Price €
986.E2.32	455.00

Goliath R

Reference	Price €
987.E2.32	295.00

Alina

IP65

230V

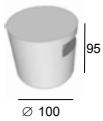
IK10

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65 - IK10
Safety sandblasted plexiglass
Energy class EC: A++/A

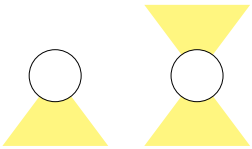
max. efficacity 90lm/W

Typical luminous flux (lm)		
	1 side 6W	2 sides 2x 3W
2700 K	480	2x 170
3000 K	500	2x 170



code: 982X. XXX . XX

°angle
led
color



B D

ANGLE

B 1 side
D 2 sides

LED / BULB

G9 G9 LED (max. diameter 65mm / height 60mm)
W27 Led 6W 230V - 2700K
W30 Led 6W 230V - 3000K

COLOR

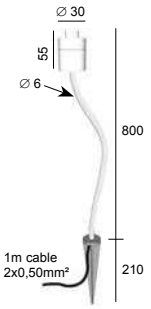
02A Anodized black
32 Anodized aluminum

Alina

Reference	Price €
982B.G9.02A	239.00
982B.G9.32	239.00
982B.W27.02A	299.00
982B.W27.32	299.00
982B.W30.02A	299.00
982B.W30.32	299.00

Reference	Price €
982D.G9.02A	249.00
982D.G9.32	249.00
982D.W27.02A	309.00
982D.W27.32	309.00
982D.W30.02A	309.00
982D.W30.32	309.00

code: 8031 . XXX . 21
led



max. efficacity 120lm/W

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

LED

D13 1,2W - 5000K
D32 3,2W - 5000K
W13 1,2W - 2700K
W32 3,2W - 2700K

1,2W 3000K = on request
3,2W: 3000K / 4000K = on request

COLOR

21 Brushed copper

DESCRIPTION

Body made in copper
Degree of protection IP65 - IK06
Safety sandblasted plexiglass
Led 350mA incorporated
Provided with spike for ground fixing - Ecopic
Provided with 1m cable
Energy class EC: A+

ACCESSORIES

Led driver 350mA CC

ON REQUEST

Only for led 3,2W : 3000K / 4000K
Other dimensions (customized)
Base plate for ground/wall/ceiling fixing

IP65

350mA

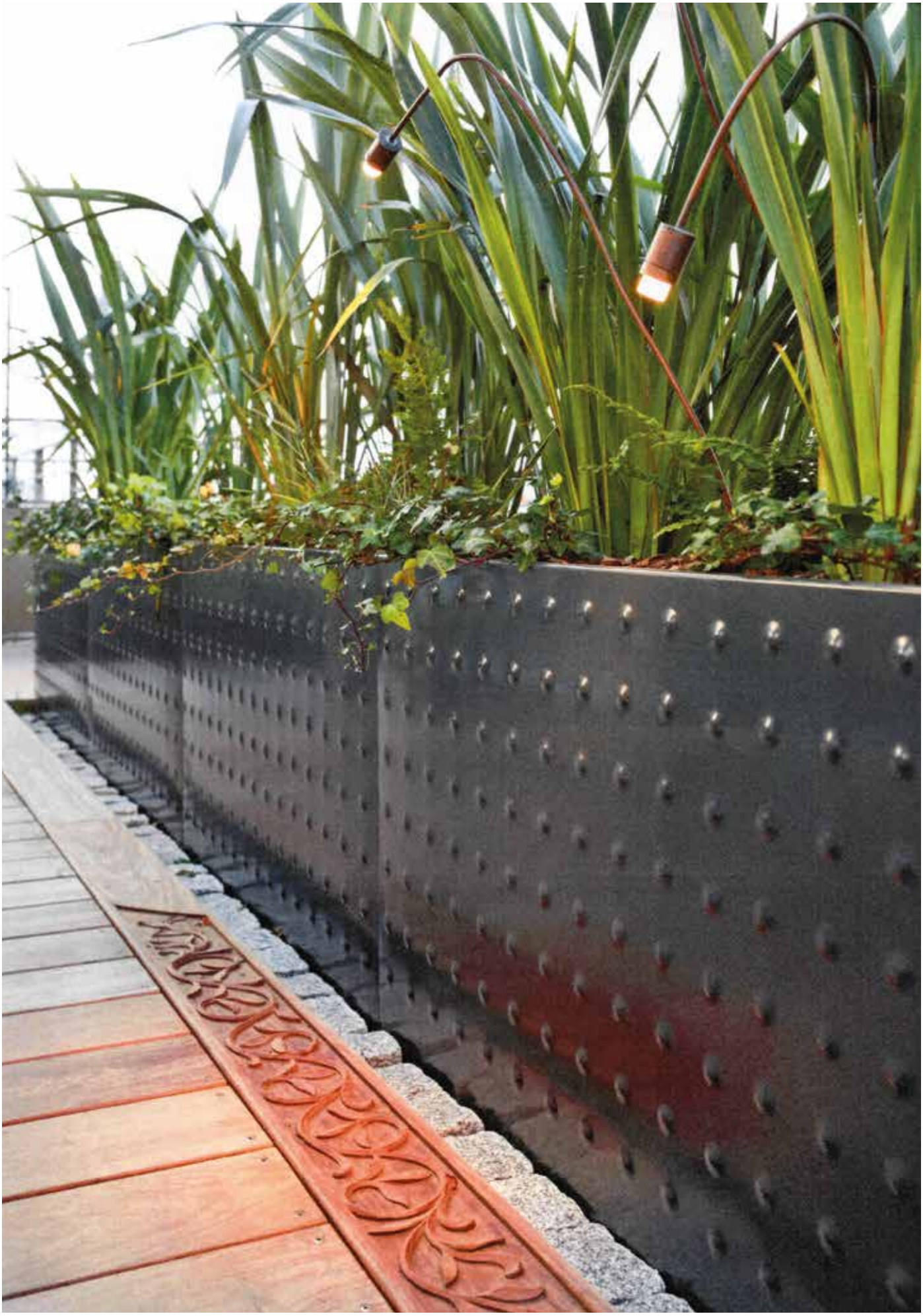
IK06

Sami

Sami

Reference	Price €
8031.D13.21	195.00
8031.D32.21	195.00
8031.W13.21	195.00
8031.W32.21	195.00

© Agence Christophe Gautrand & Associés Paysagistes / Photographies : Hugo Hébrard
Aménagement de la terrasse de la Suite Royale Orientale de l'Hôtel Mandarin Oriental Paris.



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Aménagement de la terrasse de la Suite Royale Orientale de l'Hôtel Mandarin Oriental Paris.

Sami-flex

IP65

350mA

IK06

DESCRIPTION

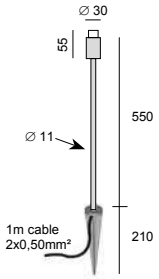
Body made in anodized aluminum
Degree of protection IP65 - IK06
Safety sandblasted plexiglass
Led 350mA incorporated
Provided with spike for ground fixing - Ecopic
Provided with 1m cable
Energy class EC: A+

ACCESSORIES

Led driver 350mA CC

ON REQUEST

Only for led 3,2W : 3000K / 4000K
Other dimensions (customized)
Base plate for ground/wall/ceiling fixing



code: 7021. XXX . 02A
led

max. efficacity 120lm/W

LED

D13 1,2W - 5000K
D32 3,2W - 5000K
W13 1,2W - 2700K
W32 3,2W - 2700K

1,2W 3000K = on request
3,2W: 3000K / 4000K = on request

COLOR

02A Anodized black

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

on request

Sami-flex

Reference	Price €
7021.D13.02A	175.00
7021.D32.02A	175.00
7021.W13.02A	175.00
7021.W32.02A	175.00

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65 - IK09
Safety sandblasted plexiglass
Dimmable Led 230V incorporated
Provided with spike for ground fixing
Provided with 2m cable + plug IP44
Energy class EC: A

ON REQUEST

Other led colors: 2700K
Base plate for ground/wall/ceiling fixing
Other dimensions (customized)

0,5

IP65

230V

IK09

Nocturn

code: 8032. X XXX . XX

height
led
color

HEIGHT

2	800 mm
3	1300 mm

LED

W60	6W - 3000K
W70	10W - 3000K

COLOR

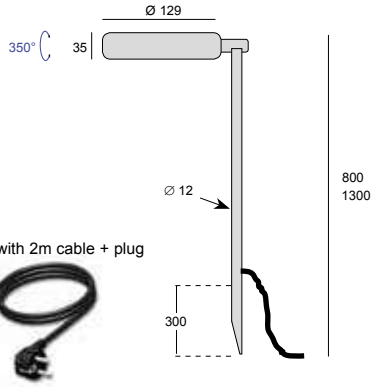
02A	Anodized black
32	Anodized aluminum

max. efficacity 90lm/W

2700K = on request
Dim-To-Warm 1800K-3000K = on request

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900

on request



Provided with 2m cable + plug

Nocturn

Reference	Price €
8032.2W60.02A	259.00
8032.2W60.32	259.00
8032.2W70.02A	269.00
8032.2W70.32	269.00
8032.3W60.02A	269.00
8032.3W60.32	269.00
8032.3W70.02A	279.00
8032.3W70.32	279.00

Swapi

DESCRIPTION

Body made in anodized aluminum, copper or brass
Screws in stainless steel
Degree of protection IP65 - IK06
Safety sandblasted plexiglass
Dimmable Led 230V incorporated
Provided with spike for ground fixing
Provided with 2m cable + plug IP44
Energy class EC: A

ON REQUEST

Base plate for ground/wall/ceiling fixing
Other RAL colors or dimensions (customized)

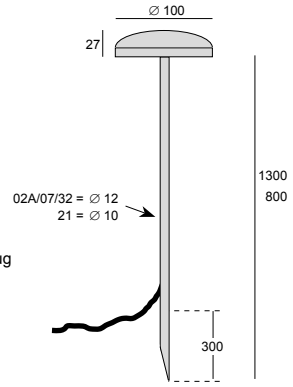
0,5

IP65

230V

IK06

Provided with 2m cable + plug



code: 7022. X XXX . XX

height
led
color

HEIGHT

1	800 mm
2	1300 mm

LED

W27	6W - 2700K
W30	6W - 3000K

COLOR

02A	Anodized black
07	Brushed brass
21	Brushed copper
32	Anodized aluminum

Weight (kg)	800mm	1300mm
02 , 32	0,80	0,90
07 , 21	1,50	1,70

max. efficacity 83lm/W

Typical luminous flux (lm)	6W
2700 K	480
3000 K	500

Swapi

Reference	Price €
7022.1W27.02A	220.00
7022.1W27.07	270.00
7022.1W27.21	360.00
7022.1W27.32	220.00
7022.1W30.02A	220.00
7022.1W30.07	270.00
7022.1W30.21	360.00
7022.1W30.32	220.00

Reference	Price €
7022.2W27.02A	230.00
7022.2W27.07	285.00
7022.2W27.21	380.00
7022.2W27.32	230.00
7022.2W30.02A	230.00
7022.2W30.07	285.00
7022.2W30.21	380.00
7022.2W30.32	230.00

Salsa-S

DESCRIPTION

Head spot made in solid brass
flexible rod made in copper d.10mm
Screws in brass
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Led 230V incorporated
Provided with 2m cable + plug IP44
Energy class EC: A

ON REQUEST

Other Led color : 2700K
Other cable length (customized)

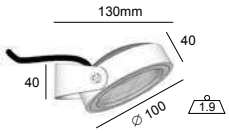
0,5

IP65

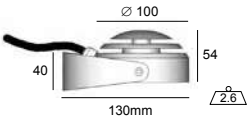
230V

IK07

With Led 6W



With Led 10W



code: 8092. XXX . 07
led

max. efficacity 90lm/W

LED

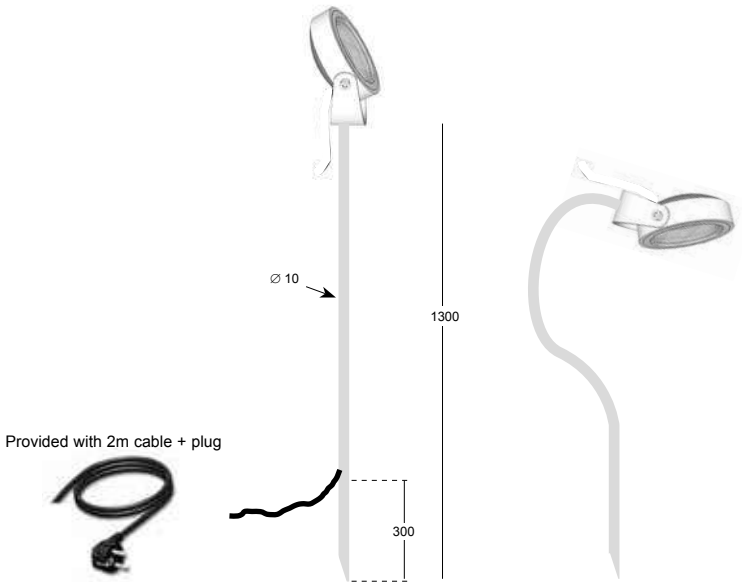
W2 6W - 3000K
W3 10W - 3000K

2700K = on request
Dim-To-Warm 1800K-3000K = on request

COLOR

07 Brushed brass (flexible rod in copper)

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900



Salsa-S

Reference	Price €
8092.W2.07	369.00
8092.W3.07	449.00

Réalisation FG AMENAGEMENT - Mr Franck GUILLOT

DESCRIPTION

Body made in solid stainless steel
Screws in stainless steel
Degree of protection IP65
Safety clear glass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1

ON REQUEST

Other dimensions (customized)

Tex bis FL

0,5

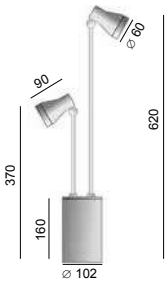
IP65

230V

IK04

3,70

code: 750.GU.04



BULB

GU 2 x GU10 LED (max. height 56mm)

COLOR

04 Brushed stainless steel

Tex bis DL

0,5

IP65

230V

IK04

1,80

code: 751.GU.04

BULB

GU 2 x GU10 LED (max. height 56mm)

COLOR

04 Brushed stainless steel

Tex bis FL

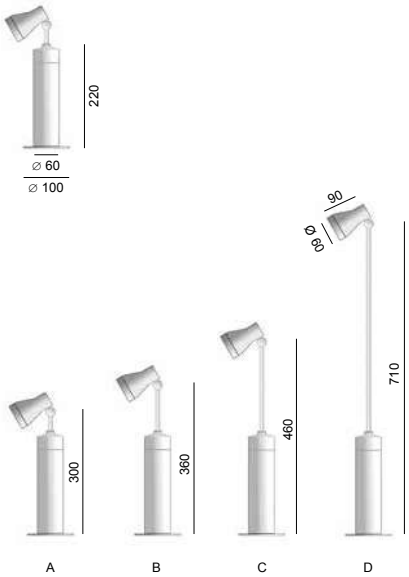
Reference	Price €
750.GU.04	549.00

Tex bis DL

Reference	Price €
751.GU.04	499.00

ON REQUEST

Other materials (brass, ...)
Other dimensions (customized)



0,5

IP65

230V

IK04

CE

Tex FL

code: 746X.GU.04
height

HEIGHT

A	300 mm	2.6
B	360 mm	2.6
C	460 mm	2.7
D	710 mm	2.8

BULB

GU	GU10 LED (max. height 56mm)

COLOR

04	Brushed stainless steel

Tex FL

Reference	Price €
746A.GU.04	369.00
746B.GU.04	369.00
746C.GU.04	379.00
746D.GU.04	379.00

Max FL

DESCRIPTION

Body made in aluminum, stainless steel, brass or copper
Screws in stainless steel
Degree of protection IP65
Safety clear glass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1

ON REQUEST

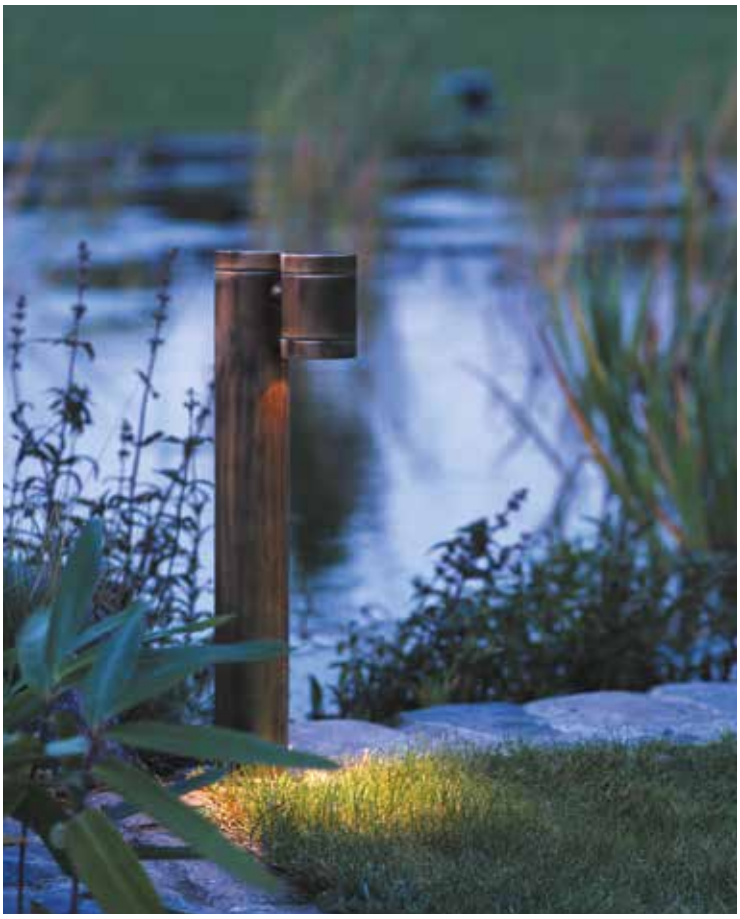
Other RAL colors
Other dimensions (customized)

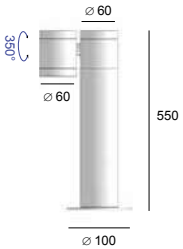
0,5

IP65

230V

IK04





code: 975. GU . XX
color

BULB

GU	GU10 LED (max. height 56mm)

COLOR

02	Black	2.0
04	Brushed stainless steel	4.0
07	Brushed brass	5.5
09	Bronze	5.5
21	Brushed copper	5.5
32	Anodized aluminum	2.0
39	Grey	2.0

Max FL

Reference	Price €
975.GU.02	278.00
975.GU.04	299.00
975.GU.07	520.00
975.GU.09	520.00
975.GU.21	549.00
975.GU.32	299.00
975.GU.39	278.00

DESCRIPTION

Body made in stainless steel
Screws in stainless steel
Degree of protection IP65
Safety clear glass
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

Spike for ground fixing - Pic 1

ON REQUEST

Other led colors : 3000K / 4000K
Other dimensions (customized)

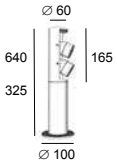
0,5

IP65

230V

IK02

Prince FL



code: 8004 . X XXX . 04

height

led

HEIGHT

1	325mm	2.4
2	640mm	4.0

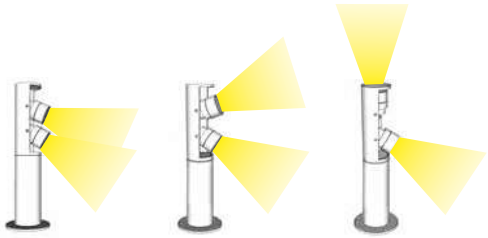
LED

D42	2 x 3,2W - 5000K - 45°
W42	2 x 3,2W - 2700K - 45°

COLOR

04	Brushed stainless steel

3000K / 4000K = on request
diffusion angle 10° = on request



max. efficacity 119lm/W

Typical luminous flux (lm)	
	2x 3,2W
2700 K	2x 337
3000 K	2x 354
4000 K	2x 380
5000 K	2x 381

Prince FL

Reference	Price €
8004.1_ _ _.04	639.00
8004.2_ _ _.04	685.00

IP65

350mA

IK07

0,60

Vigo

DESCRIPTION

Body made in solid stainless steel
Screws in stainless steel
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Led 1,2W 350mA incorporated
Provided with 20cm cable
Energy class EC: A+

ACCESSORIES

Recessed box - Pop 3
Led driver 350mA CC
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Led 3,2W: 2700K / 3000K / 4000K / 5000K
Other RAL colors
Other materials (brass, copper, aluminum, …)
Other cable length (customized)

max. efficacity 120lm/W

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

code: 1159 . XXX . 04
led

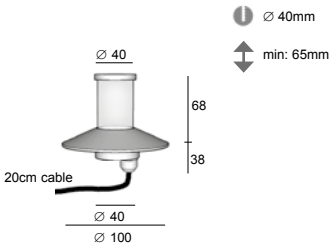
LED

D11 1,2W - 5000K
W11 1,2W - 2700K

1,2W 3000K = on request
3,2W 2700K / 3000K / 4000K / 5000K = on request

COLOR

04 Brushed stainless steel



Vigo

Reference	Price €
1159.D11.04	198.50
1159.W11.04	198.50

EXTERIOR LIGHTING
GARDEN BOLLARD - 1,5M

IP65
230V
IK07

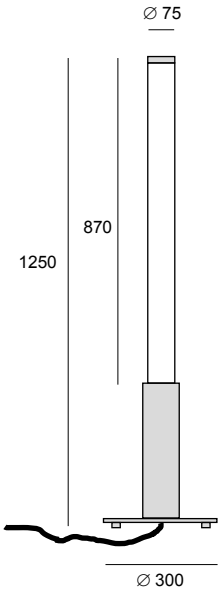
Nomad 2

DESCRIPTION

Body made in aluminum
Screws in stainless steel
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Led driver 230V & led incorporated
Provided with 3m cable + plug
Energy class EC: A+

ON REQUEST

Other RAL colors
Other led colors: 2700K / 4000K / 6500K
Other dimensions (customized)



Provided with 3m cable + plug

code: 7019.1 W30 . XX
led color

max. efficacity 139lm/W

LED

W30 20W - 3000K

2700K / 4000K / 6500K = on request

COLOR

02 Black
24 Corten
32 Anodized aluminum
39 Grey
48 Dark Grey (RAL 7016 structured)

Typical luminous flux (lm)	
	20W
2700 K	2500
3000 K	2640
4000 K	2780
6500 K	2780

Nomad 2

Reference	Price €
7019.1W30._ _	795.00

DESCRIPTION

Body made in aluminum
Screws in stainless steel
Degree of protection IP65 - IK07
Led driver 230V incorporated
Energy class EC: A+

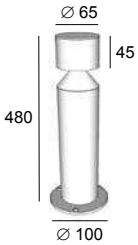
ACCESSORIES

Spike for ground fixing - Pic 1

ON REQUEST

Other RAL colors
Other dimensions (customized)

Visio FL



0,5

IP65

230V

IK07

1,60

CE

EXTERIOR LIGHTING
GARDEN BOLLARD - 1,5M

code: 8007. 2XXX . XX
led color

LED

D47 6,5W - 5000K
W47 6,5W - 3000K

COLOR

02 Black
32 Anodized aluminum
39 Grey

max. efficacity 95lm/W

Typical luminous flux (lm)	
	6,5W
3000 K	568
5000 K	616

Visio FL

Reference	Price €
8007.2D47.02	425.00
8007.2D47.32	474.00
8007.2D47.39	425.00
8007.2W47.02	425.00
8007.2W47.32	474.00
8007.2W47.39	425.00

Despo FL

DESCRIPTION

Body made in aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear polycarbonate
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

Spike for ground fixing - Pic 1
Base plate d.200mm in stainless steel - Stic

ON REQUEST

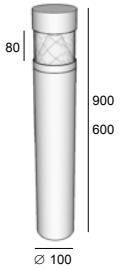
Other RAL colors
Other led colors : 3000K
Led 9,5W : 2700K / 3000K / 4000K / 5000K
Other dimensions (customized)

0,5

IP65

230V

IK09



code: 994 XX . XX . XX
led / height / color

LED

D4	16,5W - 5000K
N4	16,5W - 4000K
W4	16,5W - 2700K

HEIGHT

60	600 mm
90	900 mm

COLOR

02	Black
04	Brushed stainless steel
39	Grey

max. efficacity 158lm/W

Typical luminous flux (lm)		
	9,5W	16,5W
2700 K	1215	2196
3000 K	1265	2285
4000 K	1316	2373
5000 K	1443	2609

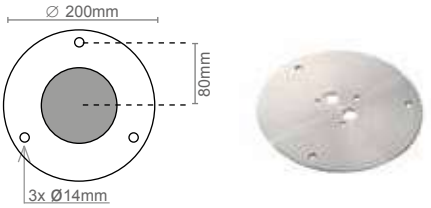
3000K = on request
9,5W: 2700K / 3000K / 4000K / 5000K = on request
Dim-To-Warm 1800K-3000K = on request

Weight (kg)		
	600mm	900mm
02,39	3,15	4,95
04	4,75	7,15

Despo FL

Reference	Price €
994_ _.60.02	427.00
994_ _.60.04	659.00
994_ _.60.39	427.00
994_ _.90.02	489.00
994_ _.90.04	715.00
994_ _.90.39	489.00

Accessorie: Base Plate «STIC»



for 3 anchor bolts M10 (not supplied)
pour 3 tiges de scellement M10 (non fournies)
voor 3 ankerbouten M10 (niet meegeleverd)
für 3 Ankerschrauben M10 (nicht enthalten)

Stic

Reference	Price €
X004._ _	104.00

EXTERIOR LIGHTING
GARDEN BOLLARD - 1,5M

Ulyss FL

DESCRIPTION

Body made in aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear polycarbonate
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

Spike for ground fixing - Pic 1
Base plate d.200mm in stainless steel - Stic

ON REQUEST

Other RAL colors
Other led colors : 3000K
Led 9,5W : 2700K / 3000K / 4000K / 5000K
Other dimensions (customized)

0,5

IP65

230V

IK09

max. efficacity 1,58lm/W

Typical luminous flux (lm)		
	9,5W	16,5W
2700 K	1215	2196
3000 K	1265	2285
4000 K	1316	2373
5000 K	1443	2609

code: 969 XX . XX . XX

led
height
color

LED

D4	16,5W - 5000K
N4	16,5W - 4000K
W4	16,5W - 2700K

HEIGHT

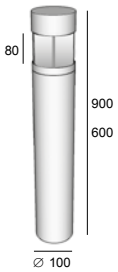
60	600 mm
90	900 mm

COLOR

02	Black
04	Brushed stainless steel
39	Grey

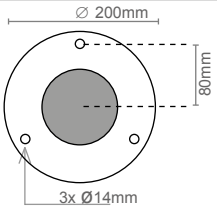
3000K = on request
9,5W: 2700K / 3000K / 4000K / 5000K = on request
Dim-To-Warm 1800K-3000K = on request

Architecte JFA - Jacques FERRIER Architecture avec Mr PERRIN / Photographe : Isabelle SMOLINSKI
Aménagement de l'espace extérieur, immeuble INFLUENCE, conseil Régional Île-de-France à Saint Ouen



Weight (kg)		
	600mm	900mm
02,39	3,15	4,95
04	4,75	7,15

Accessorie: Base Plate «STIC»



for 3 anchor bolts M10 (not supplied)
pour 3 tiges de scellement M10 (non fournies)
voor 3 ankerbouten M10 (niet meegeleverd)
für 3 Ankerschrauben M10 (nicht enthalten)

Ulyss FL

Reference	Price €
969_ _.60.02	427.00
969_ _.60.04	659.00
969_ _.60.39	427.00
969_ _.90.02	489.00
969_ _.90.04	715.00
969_ _.90.39	489.00

Stic

Reference	Price €
X004._ _	104.00

Architecte JFA - Jacques FERRIER Architecture avec Mr PERRIN / Photographe : Isabelle SMOLINSKI
Aménagement de l'espace extérieur, immeuble INFLUENCE, conseil Régional Île-de-France à Saint Ouen

Sarm FL

IP65

230V

IK08

DESCRIPTION

Body made in aluminum
Screws in stainless steel
Degree of protection IP65 - IK08
Safety sandblasted plexiglass
Energy class EC: A++/A

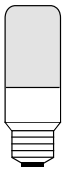
ON REQUEST

Other RAL colors
Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

Sarm FL

Reference	Price €
8018.1A._ _	189.00
8018.1B._ _	219.00
8018.2A._ _	249.00
8018.2B._ _	279.00

Accessorie



code: LED.E203.16830

Led bulb E27 16W 3000K 240V
diameter 45mm / height 136mm

LED E27 16W 1521 lumen

Reference	Price €
LED.E203.16830	19.90

code: 8018 . XX. XX

height
°angle
color

E27 LED (max. diameter 53mm / height 145mm)

HEIGHT			ANGLE		COLOR	
1	200 mm	0.8	**A**	1 side	**02**	Black
2	600 mm	3.0	**B**	2 sides	**39**	Grey

Other socket for LED (G9, G4, E14,...) = on request

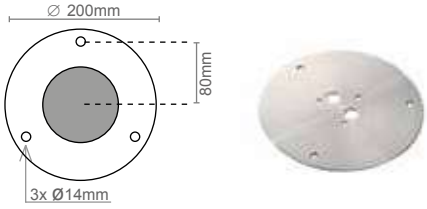
max. efficacity 69lm/W

Typical luminous flux (lm)		
	22W	26W
2700 K	1440	1800
3000 K		1800
4000 K	1440	1800

Sabri FL

Reference	Price €
212.11.02	299.00
212.11.04	459.00
212.11.39	299.00
212.12.02	384.00
212.12.04	534.00
212.12.39	384.00
212.21.02	363.00
212.21.04	519.00
212.21.39	363.00
212.22.02	444.00
212.22.04	598.00
212.22.39	444.00
212.31.02	416.00
212.31.04	577.00
212.31.39	416.00
212.32.02	489.00
212.32.04	658.00
212.32.39	489.00

Accessorie: Base Plate «STIC»

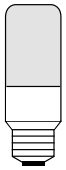


for 3 anchor bolts M10 (not supplied)
pour 3 tiges de scellement M10 (non fournies)
voor 3 ankerbouten M10 (niet meegeleverd)
für 3 Ankerschrauben M10 (nicht enthalten)

Stic

Reference	Price €
X004._ _	104.00

Accessory



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

IP65

230V

IK09

Sabri FL

DESCRIPTION

Body made in aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear polycarbonate
Electronic ballast 230V included (only for G24q-3)
Bulb not included
Reflector made in aluminum
Energy class EC: A++/A

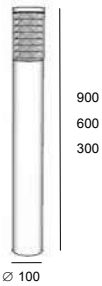
ACCESSORIES

Spike for ground fixing - Pic 1
Base plate d.200mm in stainless steel - Stic
Led Bulb E27

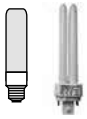
ON REQUEST

Other RAL colors
Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

Weight (kg)			
	300mm	600mm	900mm
02,39	1,55	3,00	4,50
04	2,65	4,45	5,75



code: 212. X X . XX
height
bulb
color



HEIGHT

1 300 mm
2 600 mm
3 900 mm

BULB

1 E27 LED (max. diameter 38mm / height 185mm)
2 FLUO G24q-3 - 26W / Electronic ballast included

COLOR

02 Black
04 Brushed stainless steel
39 Grey

Cubix FL

DESCRIPTION

Body made in stainless steel
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Led Bulb E27

ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

0,5

IP65
230V

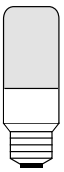
Cubix FL

Reference	Price €
777.26.04	179.00
777.56.04	229.00
777.86.04	280.00

Manix FL

Reference	Price €
935.26.04	179.00
935.56.04	229.00
935.86.04	280.00

Accessorie



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

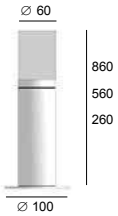
Reference	Price €
LED.E201.10830	9.90

IP65
230V

Manix FL

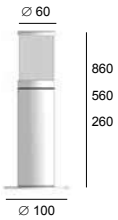
code: 777. XX . 04
height

E27 LED (max. diameter 52mm / height 125mm)



code: 935. XX . 04
height

E27 LED (max. diameter 52mm / height 125mm)



HEIGHT

26	260 mm	1.1
56	560 mm	1.8
86	860 mm	

Other socket for LED (G9, G4, E14,...) = on request

3.3

COLOR

04	Brushed stainless steel

Soft FL

DESCRIPTION

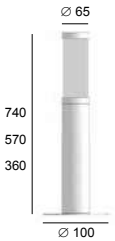
Body made in aluminum
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Led Bulb E27

ON REQUEST

Other RAL colors
Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)



0,5

IP65

230V

code: 795. XX. XX
height
color

E27 LED (max. diameter 48mm / height 215mm)

HEIGHT

36	360 mm	1.4
57	570 mm	2.1
74	740 mm	2.6

COLOR

00	Natural brushed aluminum
02	Black

Other socket for LED (G9, G4, E14,...) = on request

Soft FL

Reference	Price €
795.36.00	163.50
795.36.02	185.00
795.57.00	189.00
795.57.02	213.00
795.74.00	213.00
795.74.02	229.00

Accessorie

code: LED.E202.15830

Led bulb E27 15W 3000K 240V
diameter 42mm / height 172mm

LED E27 15W 1450 lumen

Reference	Price €
LED.E202.15830	55.00

IP65

230V

Onyx FL

DESCRIPTION

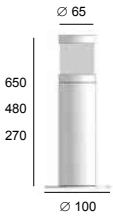
Body made in aluminum or brass
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Led Bulb E27

ON REQUEST

Other RAL colors
Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)



	27	48	65
Brushed aluminium	1,2	2,0	2,5
Black	1,2	2,0	2,5
Brass	2,7	6,1	8,6
Bronze	2,7	6,1	8,6

code: 715. XX . XX E27 LED (max. diameter 48mm / height 125mm)

height

color

HEIGHT

27	270 mm
48	480 mm
65	650 mm

COLOR

00	Natural brushed aluminum
02	Black
07	Brushed brass
09	Bronze

Other socket for LED (G9, G4, E14,...) = on request

Accessorie

code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

Onyx FL

Reference	Price €
715.27.00	159.00
715.27.02	179.00
715.27.07	279.00
715.27.09	279.00
715.48.00	189.00
715.48.02	209.00
715.48.07	339.00
715.48.09	339.00
715.65.00	209.00
715.65.02	229.00
715.65.07	379.00
715.65.09	379.00

Zebra FL

DESCRIPTION

Body made in stainless steel
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Led Bulb E27

ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

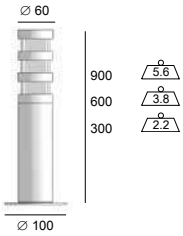
0.5

IP65

230V

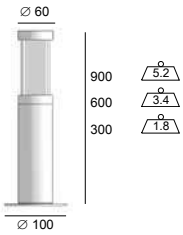
code: 764. XX . 04
height

E27 LED (max. diameter 37mm / height 160mm)



code: 771. XX . 04
height

E27 LED (max. diameter 37mm / height 160mm)



HEIGHT

30 300 mm
60 600 mm
90 900 mm

COLOR

04 Brushed stainless steel

Other socket for LED (G9, G4, E14,...) = on request

Zebra FL

Reference	Price €
764.30.04	275.00
764.60.04	324.00
764.90.04	375.00

Accessorie

code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

Atrex FL

on request: 20cm height with soquet G9, G4, ...

Atrex FL

Reference	Price €
771.30.04	235.00
771.60.04	284.00
771.90.04	332.00

Nobus FL

DESCRIPTION

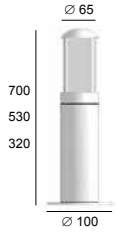
Body made in aluminum or brass
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Led Bulb E27

ON REQUEST

Other RAL colors
Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)



0,5

IP65

230V

	32	53	70
Brushed aluminium	1,3	2,1	2,6
Black	1,3	2,1	2,6
Brass	3,1	6,4	8,9
Bronze	3,1	6,4	8,9

code: 176. XX . XX
height
color

E27 LED (max. diameter 37mm / height 160mm)

HEIGHT

32	320 mm
53	530 mm
70	700 mm

COLOR

00	Natural brushed aluminum
02	Black
07	Brushed brass
09	Bronze

Other socket for LED (G9, G4, E14,...) = on request

Nobus FL

Reference	Price €
176.32.00	159.00
176.32.02	179.00
176.32.07	269.00
176.32.09	269.00
176.53.00	189.00
176.53.02	209.00
176.53.07	329.00
176.53.09	329.00
176.70.00	209.00
176.70.02	229.00
176.70.07	369.00
176.70.09	369.00

DESCRIPTION

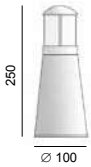
Body made in aluminum or brass
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Led Bulb E27

ON REQUEST

Other RAL colors
Other socket for LED (G9, G4, E14 …)



0,5

IP65

230V

CE

Faros Nobus

code: 810. E2 . XX
color

E27 LED (max. diameter 37mm / height 130mm)

COLOR

00	Natural brushed aluminum	1.7
02	Black	1.7
07	Brushed brass	5.2
09	Bronze	5.2

Other socket for LED (G9, G4, E14,...) = on request

Faros Nobus

Reference	Price €
810.E2.00	248.00
810.E2.02	283.00
810.E2.07	565.00
810.E2.09	565.00

Accessorie

code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

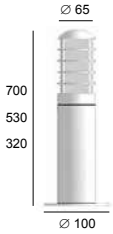
Atlantic FL

code: 180. XX . XX

height

color

E27 LED (max. diameter 37mm / height 160mm)



HEIGHT

32	320 mm
53	530 mm
70	700 mm

COLOR

00	Natural brushed aluminum
02	Black
07	Brushed brass
09	Bronze

Other socket for LED (G9, G4, E14,...) = on request

	32	53	70
Brushed aluminium	1,3	2,1	2,6
Black	1,3	2,1	2,6
Brass	3,1	6,4	8,9
Bronze	3,1	6,4	8,9

0,5

IP65

230V

IK06

DESCRIPTION

Body made in aluminum or brass
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Led Bulb E27

ON REQUEST

Other RAL colors
Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

0,5

IP65

230V

IK06

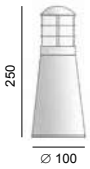
CE

Faros Atlantic

code: 811. E2 . XX

color

E27 LED (max. diameter 37mm / height 130mm)



COLOR

00	Natural brushed aluminum	1.7
02	Black	1.7
07	Brushed brass	5.2
09	Bronze	5.2

Other socket for LED (G9, G4, E14,...) = on request

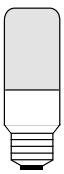
Atlantic FL

Reference	Price €
180.32.00	159.00
180.32.02	179.00
180.32.07	269.00
180.32.09	269.00
180.53.00	189.00
180.53.02	209.00
180.53.07	329.00
180.53.09	329.00
180.70.00	209.00
180.70.02	229.00
180.70.07	369.00
180.70.09	369.00

Faros Atlantic

Reference	Price €
811.E2.00	248.00
811.E2.02	283.00
811.E2.07	565.00
811.E2.09	565.00

Accessorie



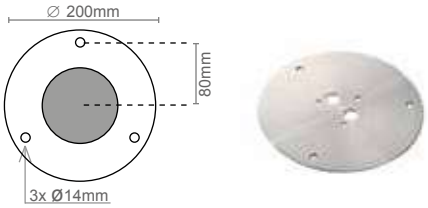
code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

Accessorie: Base Plate «STIC»

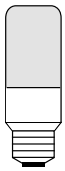


for 3 anchor bolts M10 (not supplied)
pour 3 tiges de scellement M10 (non fournies)
voor 3 ankerbouten M10 (niet meegeleverd)
für 3 Ankerschrauben M10 (nicht enthalten)

Stic

Reference	Price €
X004._ _	104.00

Accessorie



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

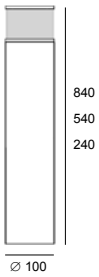
Reference	Price €
LED.E201.10830	9.90

IP65

230V

IK07

Sumo FL



DESCRIPTION

Body made in stainless steel
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Base plate d.200mm in stainless steel - Stic
Led Bulb E27

ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

code: 973. XX. 04 E27 LED (max. diameter 49mm / height 137mm)

height

HEIGHT

24	240 mm	2.6
54	540 mm	4.6
84	840 mm	7.0

COLOR

04 Brushed stainless steel

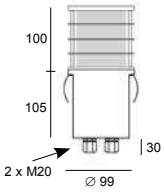
Other socket for LED (G9, G4, E14,...) = on request

Sumo FL

Reference	Price €
973.24.04	381.50
973.54.04	430.00
973.84.04	481.00

DESCRIPTION

Body made in solid anodised aluminum
Head made in stainless steel
screws and spring in stainless steel
Recessed part - Degree of protection IP67
Head - Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Energy class EC: A++/A

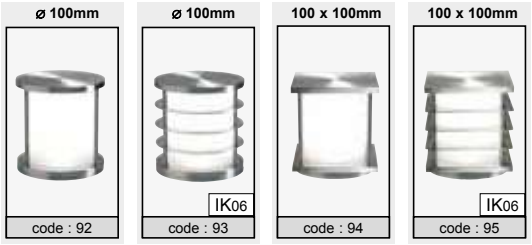


ACCESSORIES

Recessed box - Pop 5
Recessed box - Zaxor box
Led Bulb E27

ON REQUEST

Other RAL colors
Other socket for LED (G9, G4, E14 …)



code: 2291 A XX.04 E27 LED (max. diameter 49mm / height 160mm)

head

HEAD

92	Round head of Strida R (d.100mm)
93	Round head of Spirit R (d.100mm)
94	Square head of Strida K (100x100mm)
95	Square head of Spirit K (100x100mm)

Other socket for LED (G9, G4, E14,...) = on request

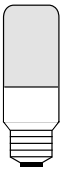
COLOR

04	Brushed stainless steel

Zaxor decor

Reference	Price €
2291A92.04	369.00
2291A93.04	389.00
2291A94.04	399.00
2291A95.04	419.00

Accessorie



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

0,5

IP65

230V

IK07

2,50

Zaxor decor

Spirit FL

DESCRIPTION

Body made in stainless steel
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Base plate d.200mm in stainless steel - Stic
Led Bulb E27

ON REQUEST

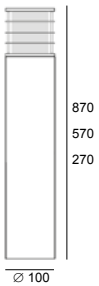
Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

0,5

IP65

230V

IK07



code: 971. XX. 04
height

E27 LED (max. diameter 49mm / height 160mm)

HEIGHT

27	270 mm	2.7
57	570 mm	4.7
87	870 mm	7.1

COLOR

04 Brushed stainless steel

Other socket for LED (G9, G4, E14,...) = on request

Spirit FL

Reference	Price €
971.27.04	429.00
971.57.04	479.00
971.87.04	527.00

Accessorie

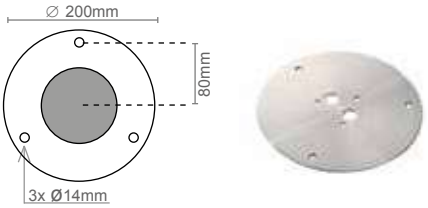
code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

Accessorie: Base Plate «STIC»



for 3 anchor bolts M10 (not supplied)
pour 3 tiges de scellement M10 (non fournies)
voor 3 ankerbouten M10 (niet meegeleverd)
für 3 Ankerschrauben M10 (nicht enthalten)

Stic

Reference	Price €
X004._ _	104.00

Atrex 100 FL

IP65

230V

DESCRIPTION

Body made in stainless steel
Degree of protection IP65
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

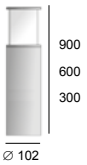
Spike for ground fixing - Pic 1
Base plate d.200mm in stainless steel - Stic
Led Bulb E27

ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

code: 791A.XX.04 E27 LED (max. diameter 65mm / height 170mm)

height



HEIGHT

30	300 mm	3.1
60	600 mm	5.1
90	900 mm	7.5

COLOR

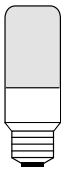
04 Brushed stainless steel

Other socket for LED (G9, G4, E14,...) = on request

Atrex 100 FL

Reference	Price €
791A.30.04	277.00
791A.60.04	349.00
791A.90.04	426.00

Accessorie



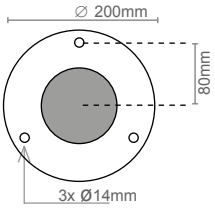
code: LED.E203.16830

Led bulb E27 16W 3000K 240V
diameter 45mm / height 136mm

LED E27 16W 1521 lumen

Reference	Price €
LED.E203.16830	19.90

Accessorie: Base Plate «STIC»



for 3 anchor bolts M10 (not supplied)
pour 3 tiges de scellement M10 (non fournies)
voor 3 ankerbouten M10 (niet meegeleverd)
für 3 Ankerschrauben M10 (nicht enthalten)

Stic

Reference	Price €
X004._ _	104.00

Poeme FL

DESCRIPTION

Body made in aluminum
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Energy class EC: A++/A

ACCESSORIES

Led Bulb E27

ON REQUEST

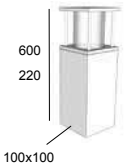
Other RAL colors
Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

0,5

IP65

230V

IK07



code: 8019. X. XX
height
color

E27 LED (max. diameter 53mm / height 145mm)

HEIGHT

1	220 mm	1.2
2	600 mm	3.0

COLOR

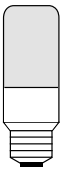
02	Black
39	Grey

Other socket for LED (G9, G4, E14,...) = on request

Poeme FL

Reference	Price €
8019.1.02	176.50
8019.1.39	176.50
8019.2.02	245.00
8019.2.39	245.00

Accessorie



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

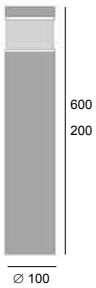
IP65

230V

IK07

Sumo RFL

Weight (kg)		
	200mm	600mm
41	3,30	10,70
42	2,00	5,40



code: 963. XX. XX
height
color

E27 LED (max. diameter 52mm / height 137mm)

HEIGHT

20	200 mm
60	600 mm

COLOR

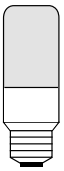
41	Belgian stone
42	Exotic wood (Iroko)

Other socket for LED (G9, G4, E14,...) = on request

Sumo RFL

Reference	Price €
963.20.41	337.00
963.20.42	250.00
963.60.41	631.00
963.60.42	372.00

Accessorie



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

DESCRIPTION

Body made in stainless steel with belgian stone or exotic wood
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Led Bulb E27

ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

DESCRIPTION

Body made in stainless steel with belgian stone or exotic wood
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Led Bulb E27

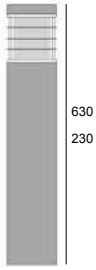
ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

code: 954. XX. XX
height
color

E27 LED (max. diameter 52mm / height 160mm)

Weight (kg)		
	230mm	630mm
41	3,40	10,80
42	2,10	5,50



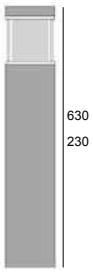
0,5
IP65
230V
IK07

Spirit RFL

code: 960. XX. XX
height
color

E27 LED (max. diameter 52mm / height 160mm)

Weight (kg)		
	230mm	630mm
41	3,30	10,70
42	2,00	5,40



0,5
IP65
230V
IK07

Strida RFL

HEIGHT

23	230 mm
63	630 mm

COLOR

41	Belgian stone
42	Exotic wood (Iroko)

Other socket for LED (G9, G4, E14,...) = on request

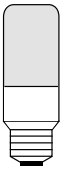
Spirit RFL

Reference	Price €
954.23.41	379.00
954.23.42	295.00
954.63.41	679.00
954.63.42	410.00

Strida RFL

Reference	Price €
960.23.41	359.00
960.23.42	275.00
960.63.41	659.00
960.63.42	390.00

Accessorie



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

DESCRIPTION

Body made in stainless steel with belgian stone or exotic wood
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Energy class EC: A++/A

ACCESSORIES

Spike for ground fixing - Pic 1
Led Bulb E27

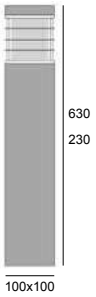
ON REQUEST

Other dimensions (customized)
Other socket for LED (G9, G4, E14 …)

code: 951. XX. XX
height
color

E27 LED (max. diameter 52mm / height 160mm)

Weight (kg)		
	230mm	630mm
41	4,50	14,50
42	2,60	6,40



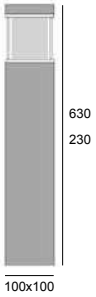
0,5
IP65
230V
IK07

Spirit KFL

code: 957. XX. XX
height
color

E27 LED (max. diameter 52mm / height 160mm)

Weight (kg)		
	230mm	630mm
41	4,30	14,30
42	2,30	6,10



0,5
IP65
230V
IK07

Strida KFL

HEIGHT

23	230 mm
63	630 mm

COLOR

41	Belgian stone
42	Exotic wood (Iroko)

Other socket for LED (G9, G4, E14,...) = on request

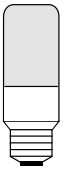
Spirit KFL

Reference	Price €
951.23.41	379.00
951.23.42	309.00
951.63.41	595.00
951.63.42	435.00

Strida KFL

Reference	Price €
957.23.41	349.00
957.23.42	290.00
957.63.41	575.00
957.63.42	415.00

Accessorie



code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

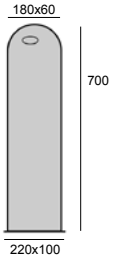
Reference	Price €
LED.E201.10830	9.90

Totem FL

4,50

DESCRIPTION

Body made in exotic wood «Iroko»
Base plate in stainless steel
Available with the following lamps : Cobus A/B/C/D - Octus O/X - Lotus A/B



code: 965.00.42

COLOR

42 Exotic wood (Iroko)

available with the following lamps

Totem FL

Reference	Price €
965.00.42	209.00

Cambridge FL

IP45

230V

DESCRIPTION

Body made in cast brass
Screws in brass
Degree of protection IP45
Safety sandblasted glass
Energy class EC: A++/A

ACCESSORIES

Led Bulb E27

ON REQUEST

Other socket for LED (G9, G4, E14 …)

code: 114.X.07 E27 LED (max. diameter 50mm / height 137mm)
height

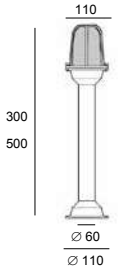
HEIGHT

6	300 mm	2.1
7	500 mm	2.5

COLOR

07	Natural brass

Other socket for LED (G9, G4, E14,...) = on request



code: 117.X.07 E27 LED (max. diameter 65mm / height 170mm)
height

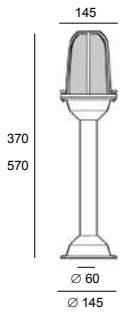
HEIGHT

6	370 mm	3.1
7	570 mm	3.5

COLOR

07	Natural brass

Other socket for LED (G9, G4, E14,...) = on request



Cambridge FL

Reference	Price €
114.6.07	115.00
114.7.07	135.00
117.6.07	165.00
117.7.07	185.00

Accessorie

code: LED.E201.10830

Led bulb E27 10W 3000K 240V
diameter 37mm / height 116mm

LED E27 10W 810 lumen

Reference	Price €
LED.E201.10830	9.90

Agence ART PAïS / Photographe : Isabelle SMOLINSKI
Aménagement d'un «Open Space» extérieur au sein des bureaux du groupe Lagardère Carré Daumesnil Paris XIIe.

Eros FL

Exterior

Garden bollard +1,5m

Torga L

IP65

230V

IK07

DESCRIPTION

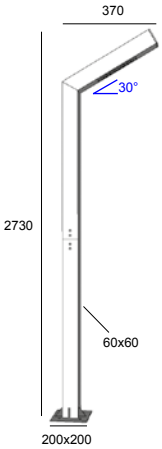
Body made in profile aluminum
Screws in stainless steel
Degree of protection IP65 - IK07
Led driver 230V & led incorporated
Energy class EC: A+

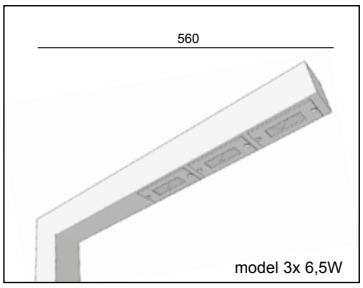
ACCESSORIES

IP68 connection - Connex 2 / 4 / 6

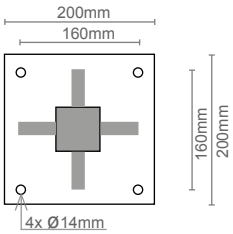
ON REQUEST

Other RAL colors
Only for 19,5W (3x 6,5W) : 2700K / 4000K
Other dimensions (customized)





Base Plate



for 4 anchor bolts M10 (not supplied)
pour 4 tiges de scellement M10 (non fournies)
voor 4 ankerbouten M10 (niet meegeleverd)
für 4 Ankerschrauben M10 (nicht enthalten)

code: 8009. 5XXX. XX
led color

LED

D87	13W (8x 1,6W) - 15° - 5000K
D88	19,5W (3x 6,5W) - 40° - 5000K
W87	13W (8x 1,6W) - 15° - 3000K
W88	19,5W (3x 6,5W) - 40° - 3000K

19,5W 2700K / 4000K = on request
19,5W Dim-To-Warm 1800K-3000K = on request

COLOR

02	Black
24	Corten
39	Grey

max. efficacity 147lm/W

Typical luminous flux (lm)		
	13W	19,5W
2700 K		2420
3000 K	1130	2535
4000 K		2630
5000 K	1230	2875

Torga L

Reference	Price €
8009.5_87._ _	940.00
8009.5_88._ _	1030.00

IP65

230V

IK07

Each part can be fixed as you choice at 90°
Other dimensions (customized) = on request

DESCRIPTION

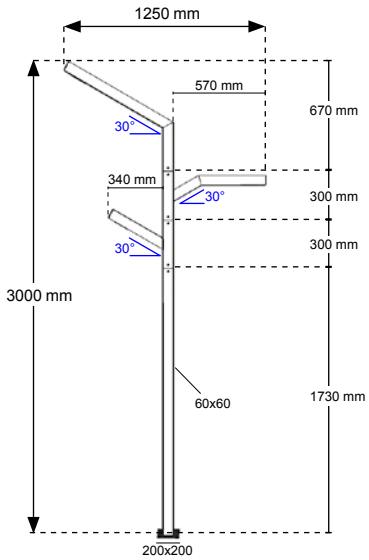
Body made in profile aluminum
Screws in stainless steel
Degree of protection IP65 - IK07
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

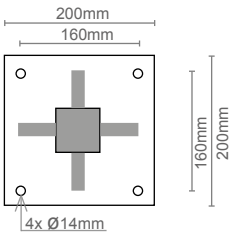
IP68 connection - Connex 2 / 4 / 6

ON REQUEST

Other RAL colors
Other led colors: 2700K / 4000K
Led 57W: 2700K / 3000K / 4000K / 5000K
Other dimensions (customized)



Base Plate



for 4 anchor bolts M10 (not supplied)
pour 4 tiges de scellement M10 (non fournies)
voor 4 ankerbouten M10 (niet meegeleverd)
für 4 Ankerschrauben M10 (nicht enthalten)

code: 7010.1 XXX . XX
led color

LED

D31	28,5W (3x 9,5W) - 5000K
W31	28,5W (3x 9,5W) - 3000K

COLOR

02	Black
24	Corten
39	Grey

2700K / 4000K = on request
57W: 2700K / 3000K / 4000K / 5000K = on request
Dim-To-Warm 1800K-3000K = on request

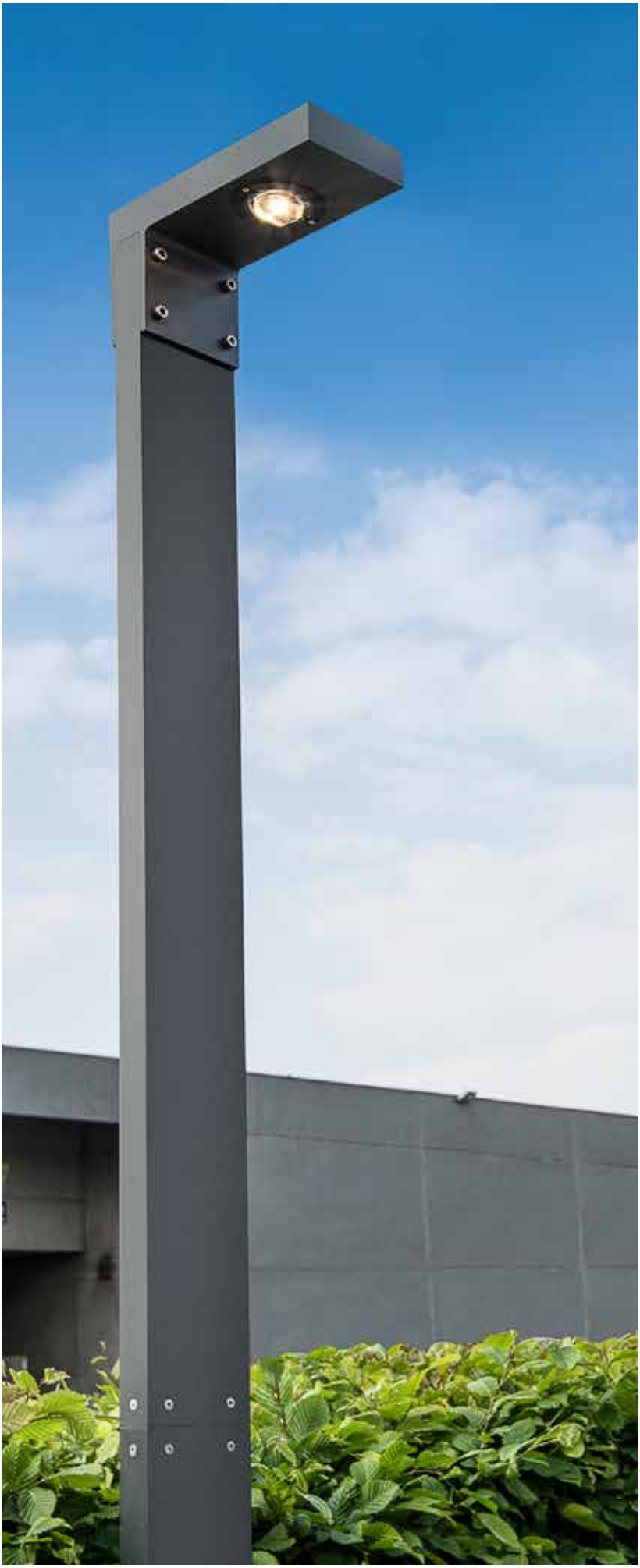
max. efficacity 140lm/W

Typical luminous flux (lm)		
	28,5W	57W
2700 K	3360	6720
3000 K	3520	7040
4000 K	3650	7300
5000 K	4000	8000

Artist

Reference	Price €
7010.1_ _ _._ _	1540.00

Artist



Sampa L1

IP65

230V

IK08

8,30

Sampa L2

DESCRIPTION

Body made in profile aluminum
Screws in stainless steel
Asymmetrical silicone lens anti-UV, efficiency 89%
Mechanical strength of the luminaire: IK08
Degree of protection IP65
Led driver 230V & led incorporated
Energy class EC: A+

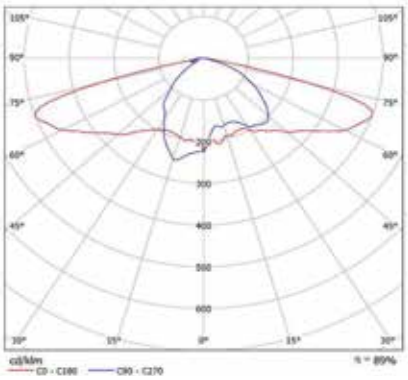
ACCESSORIES

IP68 connection - Connex 2 / 4 / 6

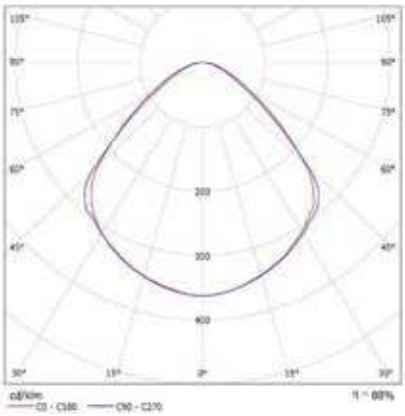
ON REQUEST

Other RAL colors or dimensions (customized)
Other led colors: 2700K / 5000K
Led 9,5W or 30W: 2700K / 3000K / 4000K / 5000K
Other Lens (symmetrical 100°)
Presence or motion detector (around 8m)

Standard Lens (asymmetrical)



On request: symmetrical lens



IP65

230V

IK08

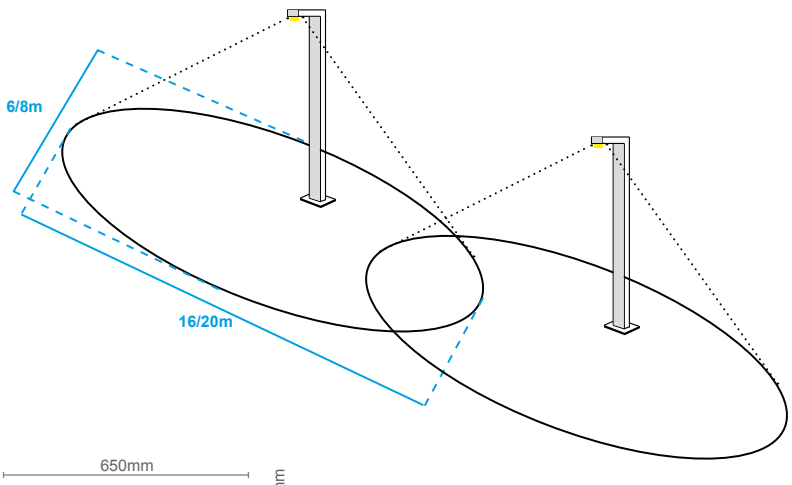
8,30

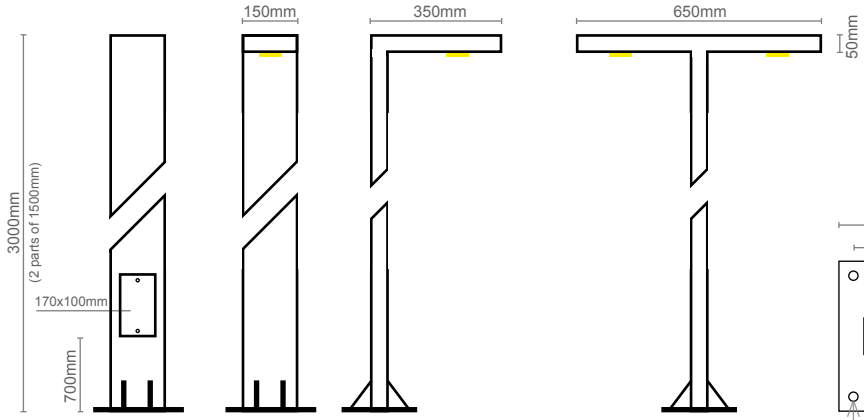
Applications

- Footpath
- Car park
- Park
- Building entrance
- Bicycle path
- PRM area

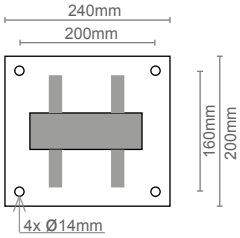
Advantages

- Timeless design
- Robust (IK08)
- Also available with presence or motion detector for:
  - standby function with orientation lighting of 10%
  - significant energy savings
  - a reduction of light pollution
  - a convenient and secure function to the site
  - an extension to the LED lifetime
- Also available with driver 0-10V dimmable 0 - 100%





Base Plate



for 4 anchor bolts M10 (not supplied)
pour 4 tiges de scellement M10 (non fournies)
voor 4 ankerbouten M10 (niet meegeleverd)
für 4 Ankerschrauben M10 (nicht enthalten)

code: 7017.L1 XX . XX Sampa L1 - 1 side (1 x 15W)
led color

code: 7017.L2 XX . XX Sampa L2 - 2 sides (2 x 15W)
led color

max. efficacity 152lm/W

LED

N3	15W - 4000K
W3	15W - 3000K

COLOR

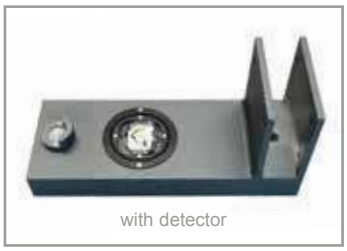
02	Black
24	Corten
39	Grey
48	Dark Grey (RAL 7016 structured)

2700K / 5000K = on request
9,5W, 30W or more : 2700K / 3000K / 4000K / 5000K = on request

Typical luminous flux (lm)

	9,5W	15W	30W
2700 K	1215	1887	3774
3000 K	1265	1966	3932
4000 K	1316	2084	4168
5000 K	1443	2103	4206

Available on request



with detector

Sampa L1

Reference	Price €
7017.L1 _ _._ _	1490.00

Sampa L2

Reference	Price €
7017.L2 _ _._ _	1850.00

Nomad 1

DESCRIPTION

Body made in aluminum
Screws in stainless steel
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Led driver 230V & led incorporated
Energy class EC: A+

ACCESSORIES

Base plate d.200mm - Stic

ON REQUEST

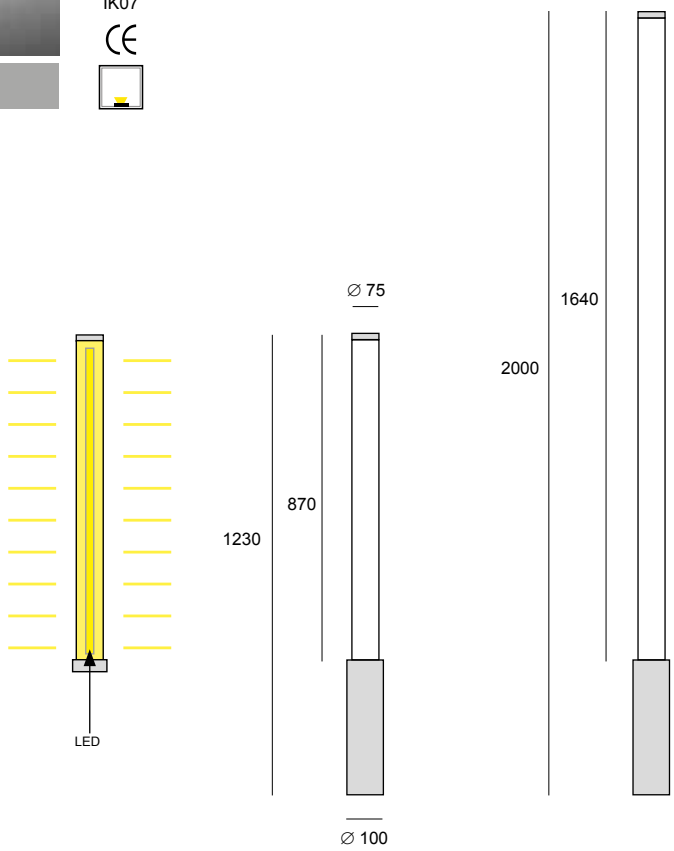
Other RAL colors
Other led colors: 2700K / 4000K / 6500K
Other dimensions (customized)

0,5

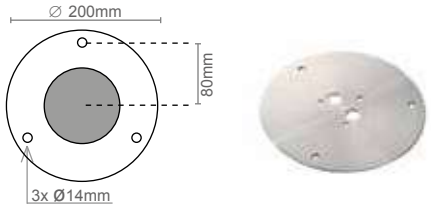
IP65

230V

IK07



Accessorie: Base Plate «STIC»



for 3 anchor bolts M10 (not supplied)
pour 3 tiges de scellement M10 (non fournies)
voor 3 ankerbouten M10 (niet meegeleverd)
für 3 Ankerschrauben M10 (nicht enthalten)

Stic

Reference	Price €
X004._ _	104.00

code: 7018.X W30 . XX
height color

max. efficacity 139lm/W

HEIGHT

1	1230mm / 20W - 3000K	4.1
2	2000mm / 40W - 3000K	5.0

COLOR

02	Black
24	Corten
32	Anodized aluminum
39	Grey
48	Dark Grey (RAL 7016 structured)

Typical luminous flux (lm)		
	20W	40W
2700 K	2500	5000
3000 K	2640	5280
4000 K	2780	5560
6500 K	2780	5560

Nomad 1

Reference	Price €
7018.1W30._ _	675.00
7018.2W30._ _	925.00

Eros FL

IP65

230V

IK07

max. efficacity 139lm/W

Typical luminous flux (lm)		
	10W	20W
2700 K	860	2500
3000 K	900	2640
4000 K		2780
6500 K		2780

code: 8020 .1 WXX. XX

led

color

LED

W41 10W - 3000K
W51 20W - 3000K

COLOR

02 Black
24 Corten
32 Anodized aluminum
39 Grey

10W 2700K or Dim-To-Warm 1800K-3000K = on request
20W 2700K / 4000K / 6500K = on request

DESCRIPTION

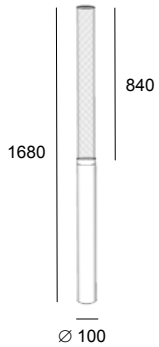
Body made in aluminum
Screws in stainless steel
Degree of protection IP65 - IK07
Safety sandblasted plexiglass
Led driver 230V & led incorporated
Energy class EC: A+

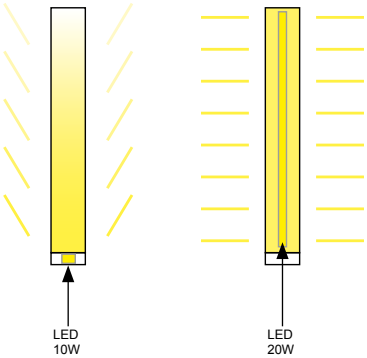
ACCESSORIES

Base plate d.200mm - Stic

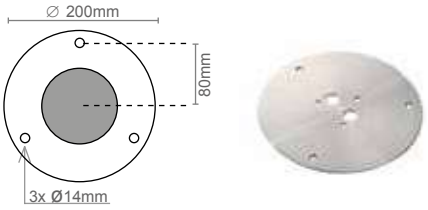
ON REQUEST

Other RAL colors
Led 10W: 2700K or Dim-To-Warm 1800K-3000K
Led 20W: 2700K / 4000K / 6500K
Other dimensions (customized)





Accessorie: Base Plate «STIC»

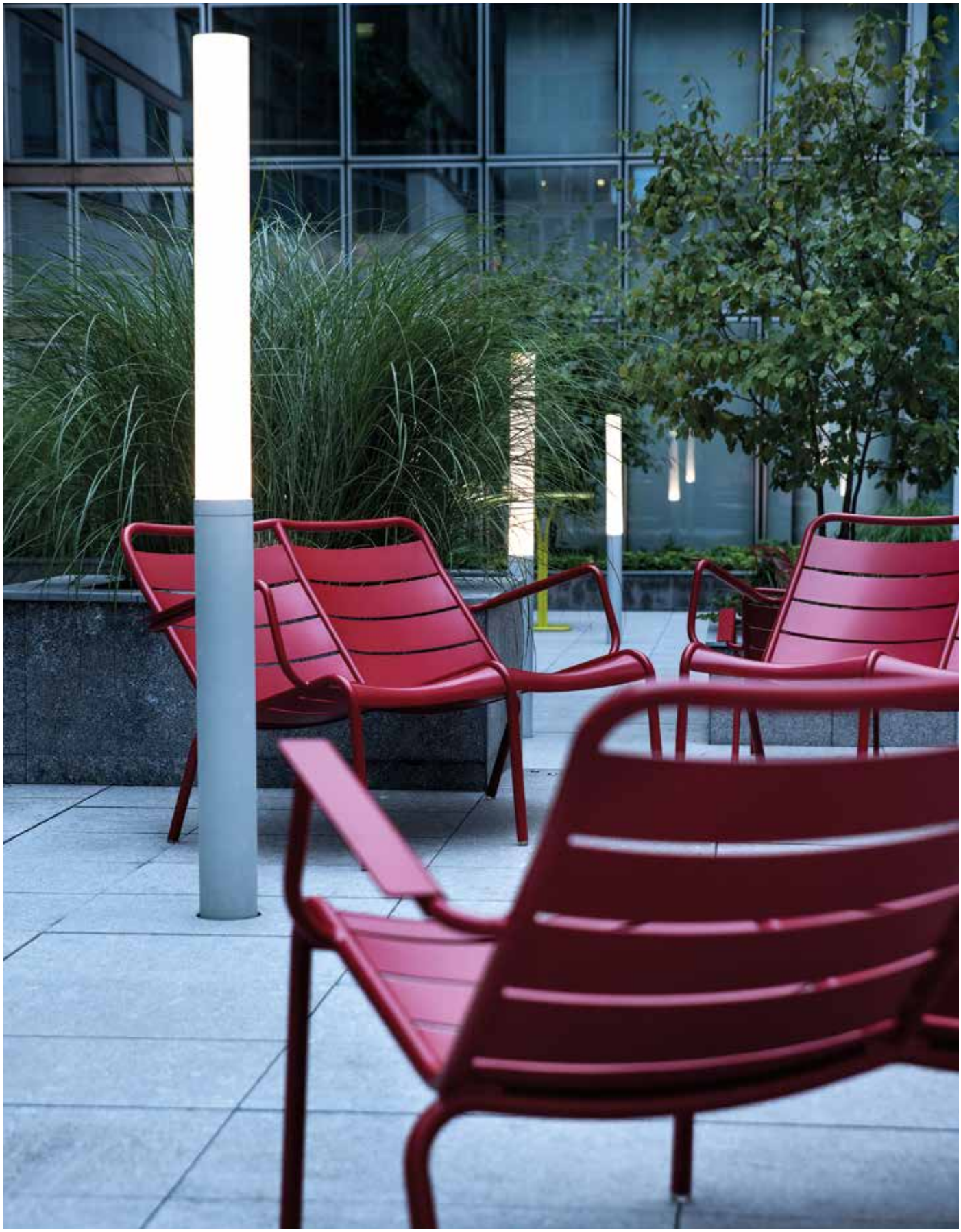


for 3 anchor bolts M10 (not supplied)
pour 3 tiges de scellement M10 (non fournies)
voor 3 ankerbouten M10 (niet meegeleverd)
für 3 Ankerschrauben M10 (nicht enthalten)

Eros FL

Reference	Price €
8020.1W41._ _	585.00
8020.1W51._ _	729.00

Reference	Price €
X004._ _	104.00



Agence ART PAïS / Photographe : Isabelle SMOLINSKI
Aménagement d'un «Open Space» extérieur au sein des bureaux du groupe Lagardère Carré Daumesnil Paris XIIe.

Elyo FL

DESCRIPTION

Body made in aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear polycarbonate
(2G11) Electronic ballast 230V included
(LED) Driver 230V & led incorporated
Reflector made in aluminum
(2G11) Bulb not included
Energy class EC: A+ (LED) or A (2G11)

ACCESSORIES

Spike for ground fixing - Pic 1 (not for 2000mm)
Base plate d.200mm - Stic

ON REQUEST

Other RAL colors
Other led colors: 2700K / 4000K / 6500K
Other dimensions (customized)

0,5mm

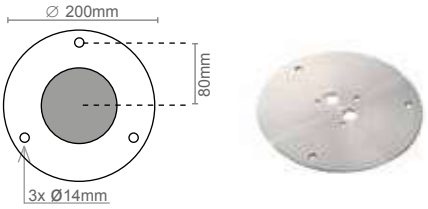
IP65

230V

IK09

CE

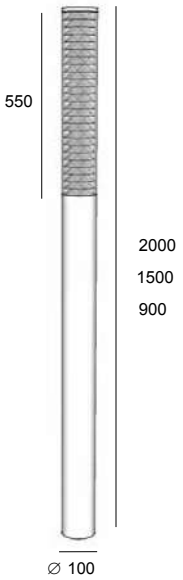
Accessorie: Base Plate «STIC»

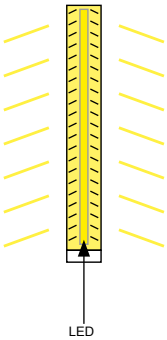


for 3 anchor bolts M10 (not supplied)
pour 3 tiges de scellement M10 (non fournies)
voor 3 ankerbouten M10 (niet meegeleverd)
für 3 Ankerschrauben M10 (nicht enthalten)

Stic

Reference	Price €
X004._ _	104.00





Weight (kg)			
	900mm	1500mm	2000mm
02,24,39	3,40	5,50	7,30
04	4,90	9,40	13,20

max. efficacity 128lm/W

Typical luminous flux (lm)					
	13W	20W	40W	55W	80W
2700 K	1500	2200	3500	4800	
3000 K	1585	2300	3500	4800	6500
4000 K	1670	2400	3500	4800	6500
6500 K	1670	2400			

code: 217. X X . XX for Fluo 2G11 version

height
bulb
color

code: 217. X XXX . XX for LED version

height
led
color

HEIGHT

1	900 mm (only 40W or Led)
2	1500 mm
3	2000 mm

BULB / LED

1	FLUO 2G11 - 40W
2	FLUO 2G11 - 55W
3	FLUO 2G11 - 80W
W31	LED 13W - 3000K
W32	LED 20W - 3000K

COLOR

02	Black
04	Brushed stainless steel
24	corten
39	Grey

LED 2700K / 4000K / 6500K = on request

Elyo FL 900 mm

Reference	Price €
217.1_.02/24/39	599.00
217.1_.04	749.00
217.1W31.02/24/39	739.00
217.1W31.04	889.00
217.1W32.02/24/39	799.00
217.1W32.04	949.00

Elyo FL 1500 mm

Reference	Price €
217.2_.02/24/39	699.00
217.2_.04	879.00
217.2W31.02/24/39	849.00
217.2W31.04	999.00
217.2W32.02/24/39	899.00
217.2W32.04	1069.00

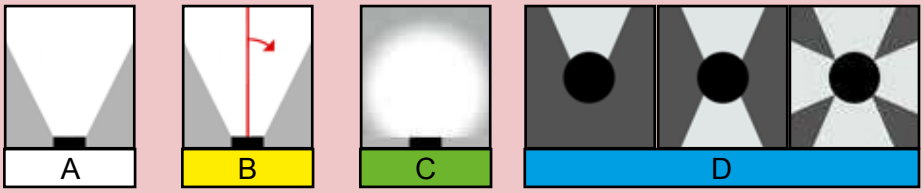
Elyo FL 2000 mm

Reference	Price €
217.3_.02/24/39	849.00
217.3_.04	1089.00
217.3W31.02/24/39	965.00
217.3W31.04	1225.00
217.3W32.02/24/39	1025.00
217.3W32.04	1285.00

Recessed lighting comparative table

	∅ minimum	minimum		module LED included																	
				350mA					500 mA	700 mA		220-240V									220-240V
Product name	recessed diameter	minimum embedment height	Type	1,2W	3,2W	6,5W	9,5W	RGB 17W	16,5W	24W		1,2W	3W	3,2W	6W	6,5W	9,5W	10W	16,5W	23W	GU10
Zona	32mm	85mm	A	X	X																
Zona V-H-X	32mm	85mm	D	X	X																
Tango R - K	32mm	85mm	D	X	X																
Genesis	40mm	65mm	C	X																	
Xeno	45mm	100mm	B	X	X																
Venus	45mm	100mm	A										X								
Zaxor Mini	65mm	100/130mm	A	X	X	X						X		X							
Zaxor UX Led	65mm	100/130mm	D	X	X	X						X		X							
Bolas	78mm	145mm	A																		X
Bolas LED	78mm	90/95mm	A												X			X			
Bolas HPL	78mm	90/95mm	A			X	X		X												
Bolas V-H-X	78mm	90/95mm	D			X	X		X						X			X			
Zaxor GZ	100mm	105/165mm	A																		X
Zaxor GZ-O	100mm	120/180mm	B																		X
Zaxor LED	100mm	100/145mm	A		X	X	X		X	X				X		X	X				
Zaxor LED-O	100mm	170/215mm	B		X	X	X							X		X	X				
Bolas O-HP Led	150mm	180/210mm	B				X		X								X		X		
Zaxor HP LED	150mm	140mm	A					X												X	
Zaxor O-HP LED	200mm	170mm	B					X												X	

				LED included		
				200mA	350mA	450mA
				7W	13W	16W
Zaxor 10°	100mm	115mm	A	X	X	X



Floor Uplighting

Exterior

Micro TR

0,5

IP65

IK09

0,40

DESCRIPTION

Body made in solid aluminum or stainless steel
Screws in stainless steel
Degree of protection IP65 - IK09
Class 1 (230V) or Class 3 (350mA)
Safety plexiglass
Led 3,2W 350mA or 3W 230V incorporated
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Led driver 350mA CC (not for 230V model)
Lens 10° - code: AC.8041.32

max. efficacity 119lm/W

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper)
Only for led 3W 230V : 3000K
Only for led 3,2W 350mA : 3000K / 4000K
Other dimensions (customized)

Typical luminous flux (lm)		
	3W	3,2W
2700 K	170	337
3000 K	170	354
4000 K		380
5000 K		381

code: 1107. XXX . XX
led — color

LED

D32	3,2W 350mA - 5000K - 70°
W03	3W 230V - 2700K - 70°
W32	3,2W 350mA - 2700K - 70°

3W 3000K = on request
3,2W 3000K / 4000K = on request

COLOR

01	White
02	Black
04	Brushed stainless steel
32	Anodized aluminum

Max TR

0,5

IP65

230V

IK09

DESCRIPTION

Body made in aluminum, stainless steel, brass or copper
Screws in stainless steel
Degree of protection IP65 - IK09
Safety clear plexiglass
Energy class EC: A++/A

ACCESSORIES

Anti-glare ring - code: AC.7001.AG._ _

ON REQUEST

Other RAL colors
Anodised aluminum or black
Other dimensions (customized)

code: 756. GU . XX
color

BULB

GU	GU10 LED (max. height 58mm)

COLOR

00	Natural brushed aluminum	0.4
02	Black	0.4
04	Brushed stainless steel	0.6
07	Brushed brass	0.8
21	Brushed copper	0.8
39	Grey	0.4

Accessory

AC.7001.AG._ _
Ø 65 mm
Height 85mm

Anti-glare 02

Reference	Price €
AC.7001.AG.02A	28.00
AC.7001.AG.32	28.00

Micro TR

Reference	Price €
1107.D32.04	127.00
1107.D32._ _	99.50
1107.W03.04	132.70
1107.W03._ _	106.00
1107.W32.04	127.00
1107.W32._ _	99.50

Max TR

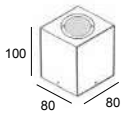
Reference	Price €
756.GU.00	103.50
756.GU.02	110.00
756.GU.04	129.00
756.GU.07	151.50
756.GU.21	162.50
756.GU.39	110.00

DESCRIPTION

Body made in solid anodized aluminum
Screws in stainless steel
Degree of protection IP65
Safety clear glass
Energy class EC: A++/A

ON REQUEST

IK09 with clear or sandblasted safety plexiglass



0,5

IP65

230V

IK04

1,30

Cube TR

code: 906.GU.XX

color

BULB

GU GU10 LED (max. height 52mm)

COLOR

02A Anodized black
32 Anodized aluminum

Cube TR

Reference	Price €
906.GU.02A	239.00
906.GU.32	239.00

Zona R

Zona S

IP68

350mA

IK06

DESCRIPTION

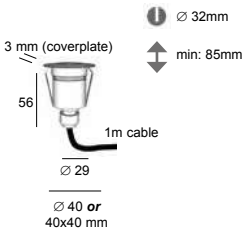
Body made in solid anodized aluminum
Cover plate in stainless steel
Degree of protection IP68, water depth up to 1m
Safety extra clear glass
Led 350mA incorporated
Provided with 1m cable
Max. 1000kg
Energy class EC: A+

ACCESSORIES

Recessed box - Pop 9a or Pop 9b
Led driver 350mA CC
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Other materials (brass / copper ...)
Sandblasted glass
Only for led 3,2W: 3000K / 4000K
Other cover plate dimensions (customized)
Other cable length (customized)



max. efficacity 120lm/W

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

code: 8022. XXX .04
led

code: 8023. XXX .04
led

LED

D11 1,2W - 5000K - 10°
D13 1,2W - 5000K - 35°
D31 3,2W - 5000K - 30°
D32 3,2W - 5000K - 45°
W11 1,2W - 2700K - 10°
W13 1,2W - 2700K - 35°
W31 3,2W - 2700K - 30°
W32 3,2W - 2700K - 45°

1,2W 3000K = on request
3,2W 3000K / 4000K = on request

For some applications, on request, led 1,2W can be used with a driver 500mA to obtain for example: 1,75W 10° - 5000K - 205 lumens

COLOR

04 Brushed stainless steel

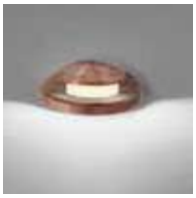
Zona R

Reference	Price €
8022.D1_.04	84.00
8022.D3_.04	92.00
8022.W1_.04	84.00
8022.W3_.04	92.00

Zona S

Reference	Price €
8023.D1_.04	91.00
8023.D3_.04	99.80
8023.W1_.04	91.00
8023.W3_.04	99.80

Zona V

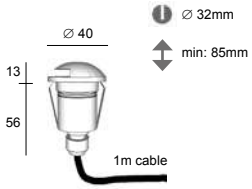


IP68

350mA

IK10

code: 8084V. XXX . XX



Zona H

IP68

350mA

IK10

code: 8084H. XXX . XX

Zona X

IP68

350mA

IK10

code: 8084X. XXX . XX

led

color

LED

D30	3,2W - 5000K
W30	3,2W - 2700K

3000K / 4000K = on request

COLOR

16	Brushed stainless steel 316L
21	Brushed copper

Zona V

Reference	Price €
8084V._ _ _.16	125.00
8084V._ _ _.21	145.00

Zona H

Reference	Price €
8084H._ _ _.16	141.00
8084H._ _ _.21	159.00

Zona X

Reference	Price €
8084X._ _ _.16	168.00
8084X._ _ _.21	189.00

DESCRIPTION

Body made in solid anodized aluminum or solid brass
Cover plate in stainless steel 316L or copper
Degree of protection IP68, water depth up to 1m
Safety clear plexiglass
Led 3,2W - 350mA incorporated
Provided with 1m cable
Max. 1500kg
Energy class EC: A

ACCESSORIES

Recessed box - Pop 9a or Pop 9b
Led driver 350mA CC
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Painted in RAL colors
Other cover plate materials (brass / ...)
Other led colors : 3000K / 4000K
Other cable length (customized)

max. efficacity 119lm/W

Typical luminous flux (lm)	
	3,2W
2700 K	337
3000 K	354
4000 K	380
5000 K	381

Tango R

0,5

IP67

350mA

IK10

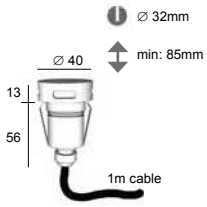
0,20

code: 8085H. XXX . XX

code: 8085V. XXX . XX

code: 8085X. XXX . XX

led color



Tango K

0,5

IP67

350mA

IK10

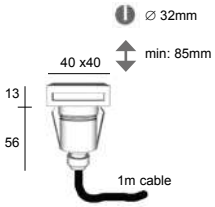
0,20

code: 8087H. XXX . XX

code: 8087V. XXX . XX

code: 8087X. XXX . XX

led color



max. efficacity 119lm/W

Typical luminous flux (lm)	
	3,2W
2700 K	337
3000 K	354
4000 K	380
5000 K	381

LED

D30 3,2W - 5000K
W30 3,2W - 2700K

3000K / 4000K = on request

COLOR

01 White
22 Brown
39 Grey
48 Dark Grey (RAL 7016 structured)

Tango R

Reference	Price €
8085H._ _ _._ _	110.00
8085V._ _ _._ _	103.00
8085X._ _ _._ _	122.00

Tango K

Reference	Price €
8087H._ _ _._ _	111.00
8087V._ _ _._ _	105.00
8087X._ _ _._ _	123.00

DESCRIPTION

Body made in solid aluminum
Screws in stainless steel
Degree of protection IP67 - IK10
Safety clear plexiglass
Led 3,2W - 350mA incorporated
Provided with 1m cable
Energy class EC: A+

ACCESSORIES

Recessed box - Pop 9a or Pop 9b
Led driver 350mA CC
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / ...)
Other led colors : 3000K / 4000K
Other cable length (customized)

DESCRIPTION

Body made in solid anodised aluminum
Cover plate in stainless steel
Degree of protection IP68, water depth up to 1m
Safety extra clear glass
Led 350mA incorporated
Provided with 1m cable
Max. 1000kg
Energy class EC: A+

ACCESSORIES

Recessed box - Pop 1a or Pop 1b
Led driver 350mA CC
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Other materials (brass / copper ...)
Sandblasted glass
Only for led 3,2W: 3000K / 4000K
Other cover plate dimensions (customized)
Other cable length (customized)

0,5

IP68

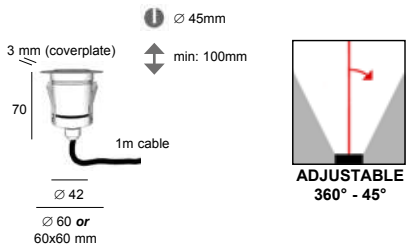
350mA

IK06

0,30

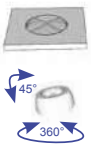
Xeno R

Xeno S



code: 8024. XXX .04
led

code: 8025. XXX .04
led



max. efficacity 120lm/W

LED

D11	1,2W - 5000K - 10°
D13	1,2W - 5000K - 35°
D31	3,2W - 5000K - 30°
D32	3,2W - 5000K - 45°
W11	1,2W - 2700K - 10°
W13	1,2W - 2700K - 35°
W31	3,2W - 2700K - 30°
W32	3,2W - 2700K - 45°

COLOR

04 Brushed stainless steel

Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

1,2W 3000K = on request
3,2W 3000K / 4000K = on request

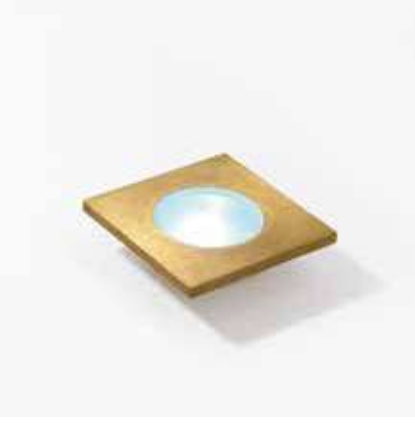
For some applications, on request, led 1,2W can be used with a driver 500mA to obtain for example: 1,75W 10° - 5000K - 205 lumens

Xeno R

Reference	Price €
8024.D1_.04	125.50
8024.D3_.04	134.00
8024.W1_.04	125.50
8024.W3_.04	134.00

Xeno S

Reference	Price €
8025.D1_.04	142.50
8025.D3_.04	151.00
8025.W1_.04	142.50
8025.W3_.04	151.00



Genesis

IP66

350mA

DESCRIPTION

Body made in solid stainless steel or brass
Degree of protection IP66
Safety sandblasted glass
Led module 350mA incorporated
Provided with 20cm cable
Energy class EC: A+

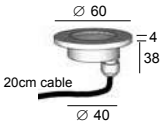
ACCESSORIES

Recessed box - Pop 3
Led driver 350mA CC
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Other RAL colors or anodized black
Other led color: 3000K
Other cable length (customized)

code: 1152. XXX . XX
led
color



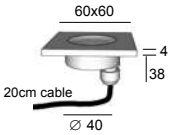
∅ 40mm

min: 65mm

fixing is also possible with 2 screws
distances: 50mm

max. efficacity 120lm/W

code: 1153. XXX . XX
led
color



Typical luminous flux (lm)		
	1,2W	3,2W
2700 K	125	337
3000 K	135	354
4000 K		380
5000 K	145	381

LED

D11 1,2W - 5000K
W11 1,2W - 2700K

3000K = on request

COLOR

04 Brushed stainless steel
07 Brushed brass

Genesis

Reference	Price €
1152._11._ _	103.00
1153._11._ _	103.00

DESCRIPTION

Body made in solid anodized aluminum
Cover plate in stainless steel
Degree of protection IP67
Safety extra clear glass
Led 230V incorporated
Provided with 1m cable
Max. 1000kg
Energy class EC: A

ACCESSORIES

Recessed box - Pop 1b
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Other materials (brass / copper ...)
Sandblasted glass
Other cover plate dimensions (customized)
Other cable length (customized)

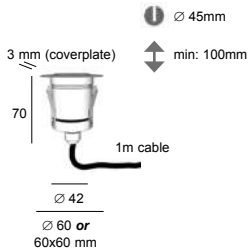
IP67
230V
IK06

Venus-R

Venus-S

max. efficacity 40lm/W

Typical luminous flux (lm)	
	3W
2700 K	170
3000 K	170



code: 7014. XXX .04
led

code: 7015. XXX .04
led

LED

W27 3W 230V - 2700K - 35°
W30 3W 230V - 3000K - 35°

3W 10° = on request

COLOR

04 Brushed stainless steel

Venus-R

Reference	Price €
7014.W27.04	139.00
7014.W30.04	139.00

Venus-S

Reference	Price €
7015.W27.04	156.00
7015.W30.04	156.00

1,2W - 350mA	174.00	174.00	184.00	204.00
3,2W - 350mA	179.00	179.00	189.00	209.00
6,5W - 350mA	179.00	179.00	189.00	209.00
1,2W - 220/240V	260.00	260.00	270.00	290.00
3,2W - 220/240V	265.00	265.00	275.00	295.00

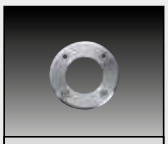
EXTRA CLEAR GLASS

code : 1

SANDBLASTED GLASS

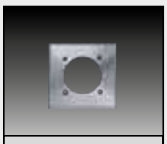
code : 2

Ø 75mm



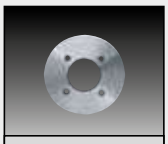
code : 7.16

75 x 75mm



code : 8.16

Ø 100mm



code : 9.16

100 x 100mm

code : D.16

code: 2257 XXXC X X .16 Without driver (350mA)

led
glass
cover plate

Zaxor Mini

Fixed

LED

D14	1,2W - 5000K - 35°
D37	3,2W - 5000K - 45°
D67	6,5W - 5000K - 45°
W14	1,2W - 2700K - 35°
W37	3,2W - 2700K - 45°
W67	6,5W - 2700K - 45°

1,2W 3000K = on request
3,2W & 6,5W 3000K / 4000K = on request

1,2W 10° = on request
3,2W or 6,5W 30° = on request

GLASS

1	Extra clear glass
2	Sandblasted glass

COVER PLATE

7	Round d.75mm
8	Square 75x75mm
9	Round d.100mm
D	Square 100x100mm

COLOR

16	Brushed stainless steel 316L

code: 2258 XXXC X X .16 Driver 220-240V incorporated

led
glass
cover plate

LED

D14	1,2W - 5000K - 35°
D37	3,2W - 5000K - 45°
W14	1,2W - 2700K - 35°
W37	3,2W - 2700K - 45°

1,2W 3000K = on request
3,2W 3000K / 4000K = on request

1,2W 10° = on request
3,2W 30° = on request

GLASS

1	Extra clear glass
2	Sandblasted glass

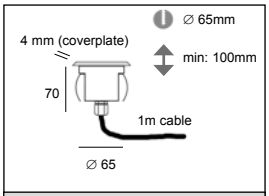
COVER PLATE

7	Round d.75mm
8	Square 75x75mm
9	Round d.100mm
D	Square 100x100mm

COLOR

16	Brushed stainless steel 316L

Without driver (350mA)

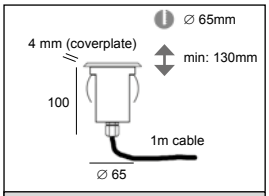


code : 2257...

350mA

0,50

Driver 220-240V incorporated



code : 2258...

230V

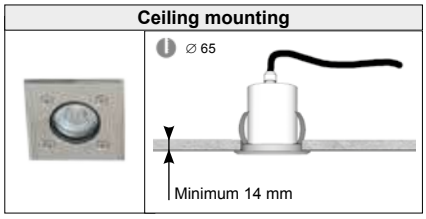
1,00

IP67
IK09

DESCRIPTION

Body made in solid anodised aluminum
Cover plate 4mm in stainless steel 316L
Screws and spring in stainless steel
Safety extra clear or sandblasted glass 10mm thickness
Led module incorporated
Driver 220-240V incorporated (only code 2258)
Max. 2140kg (21000 N)
Degree of protection IP67 - IK10
Provided with 1m cable
Energy class EC: A+

Ceiling mounting



ACCESSORIES

Recessed box - Pop 4a or Pop 4b
Recessed box - Z-Mini box
Led driver 350mA CC (only code 2257)
IP68 connection - Connex 2 / Connex 3
Anti-glare honeycomb : Louver ref: X060.021.3

max. efficacity 147lm/W

Typical luminous flux (lm)			
	1,2W	3,2W	6,5W
2700 K	125	337	807
3000 K	135	354	845
4000 K		380	877
5000 K	145	381	959

ON REQUEST

Other cover plate dimensions (customized)
Other materials (brass,...)
Only for led 3,2W & 6,5W: 3000K / 4000K
Other cable length (customized)
Degree of protection IP68 (only code 2257)

Zaxor Mini (350mA)

Reference	Price €
2257_14C_7.16	174.00
2257_14C_8.16	174.00
2257_14C_9.16	184.00
2257_14C_D.16	204.00
2257_37C_7.16	179.00
2257_37C_8.16	179.00
2257_37C_9.16	189.00
2257_37C_D.16	209.00
2257_67C_7.16	179.00
2257_67C_8.16	179.00
2257_67C_9.16	189.00
2257_67C_D.16	209.00

Zaxor Mini (220-240V)

Reference	Price €
2258_14C_7.16	260.00
2258_14C_8.16	260.00
2258_14C_9.16	270.00
2258_14C_D.16	290.00
2258_37C_7.16	265.00
2258_37C_8.16	265.00
2258_37C_9.16	275.00
2258_37C_D.16	295.00

2257.xxxC19.16

3,2W - 350mA	395.00	330.00
3,2W - 220/240V	485.00	425.00

Ø 100mm

code : U

Ø 100mm

code : X

code: 2257 XXXC1X .16 Without driver (350mA)

code: 2258 XXXC1X .16 Driver 220-240V incorporated

led

cover plate

Zaxor UX-LED

Fixed

LED

D37	3,2W - 5000K
W37	3,2W - 2700K

COVER PLATE

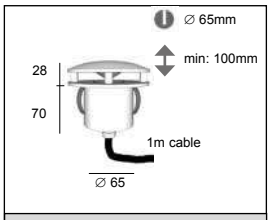
U	Round d.100mm 180°
X	Round d.100mm 360°

COLOR

16	Brushed stainless steel 316L

3000K / 4000K = on request
6,5W 350mA (without driver) 2700K / 3000K / 4000K / 5000K = on request

Without driver (350mA)

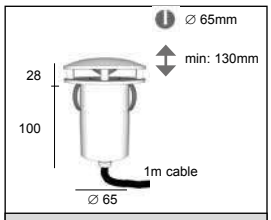


code : 2257...

350mA

1,90

Driver 220-240V incorporated



code : 2258...

230V

2,40

Zaxor U-X led (350mA)

Reference	Price €
2257_37C1U.16	395.00
2257_37C1X.16	330.00

Zaxor U-X led (220-240V)

Reference	Price €
2258_37C1U.16	485.00
2258_37C1X.16	425.00

DESCRIPTION

Body made in solid anodised aluminum
Cover plate in stainless steel 316L
Screws and spring in stainless steel
Safety extra clear glass 10mm thickness
Led incorporated
Driver 220-240V incorporated (only code 2258)
Max. 2140kg (21000 N)
Degree of protection IP67 - IK10
Provided with 1m cable
Energy class EC: A+

ACCESSORIES

Recessed box - Pop 4a or Pop 4b
Recessed box - Z-Mini box
Led driver 350mA CC (only code 2257)
IP68 connection - Connex 2 / Connex 3

ON REQUEST

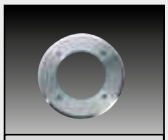
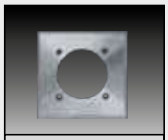
Other materials (brass,...)
Other led color : 3000K / 4000K
Led 6,5W (only code 2257)
Other cable length (customized)
Degree of protection IP68 (only code 2257)

max. efficacity 147lm/W

Typical luminous flux (lm)		
	3,2W	6,5W
2700 K	337	807
3000 K	354	845
4000 K	380	877
5000 K	381	959

0,5

IP67
IK10

Ø 100mm	Ø 100mm	100 x 100mm
		
code : R.16	code : R.21	code : S.16

code: 800C1GU X.XX

cover plate
color

Bolas

Fixed

GU10 LED (max. height 56mm)

COVER PLATE

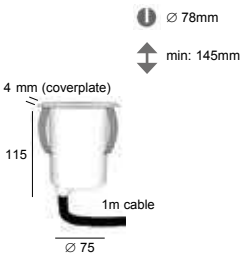
R	Round d.100mm
S	Square 100x100mm

COLOR

16	Brushed stainless steel 316L
21	Copper

DESCRIPTION

Body made in solid anodised aluminum
Cover plate 4mm in stainless steel 316L or copper
Screws and spring in stainless steel
Safety extra clear glass 10mm thickness
Max. 2140kg (21000 N)
Degree of protection IP67 - IK10
Provided with 1m cable
Energy class EC: A++/E



ACCESSORIES

Recessed box : Pop 8b
IP68 connection - Connex 2 / 3 / 4
Anti-glare honeycomb : Louver ref: X060.043.3

ON REQUEST

Other cover plate dimensions (customized)
Other materials (brass / ...)
Sandblasted glass
Other cable length (customized)

Bolas

Reference	Price €
800C1GUR.16	189.00
800C1GUR.21	199.00
800C1GUS.16	189.00

0,5

IP67

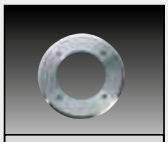
230V

IK10

1,00

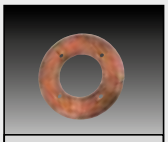
6W - 230V	209.00	219.00	209.00
10W - 230V	249.00	259.00	249.00

Ø 100mm



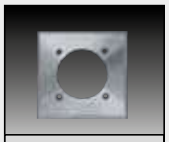
code : R.16

Ø 100mm



code : R.21

100 x 100mm



code : S.16

code: 800C1XXX X.XX

led
cover plate
color

Bolas LED

DIMMABLE

Fixed

LED

W61 6W - 3000K - 20°
W62 6W - 3000K - 40°
W71 10W - 3000K - 20°
W72 10W - 3000K - 40°

COVER PLATE

R Round d.100mm
S Square 100x100mm

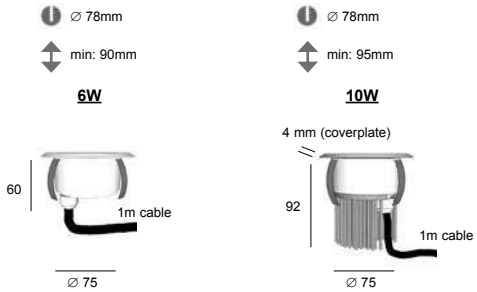
COLOR

16 Brushed stainless steel 316L
21 Copper

2700K = on request
Dim-To-Warm 1800K-3000K = on request

max. efficacity 90lm/W

Typical luminous flux (lm)		
	6W	10W
2700 K	480	860
3000 K	500	900



Bolas LED 230V

Reference	Price €
800C1_6_R.16	209.00
800C1_6_R.21	219.00
800C1_6_S.16	209.00
800C1_7_R.16	249.00
800C1_7_R.21	259.00
800C1_7_S.16	249.00

DESCRIPTION

Body made in solid anodised aluminum
Cover plate 4mm in stainless steel 316L or copper
Screws and spring in stainless steel
Safety extra clear glass 10mm thickness
Led module 230V incorporated
Max. 2140kg (21000 N)
Degree of protection IP67 - IK10
Provided with 1m cable
Energy class EC: A

ACCESSORIES

Recessed box : Pop 8a or Pop 8b
IP68 connection - Connex 2 / 3 / 4
Anti-glare honeycomb : Louver ref: X060.043.3

ON REQUEST

Other cover plate dimensions (customized)
Other materials (brass / ...)
Sandblasted glass
Other cable length (customized)
Other led color: 2700K

0,5

IP67

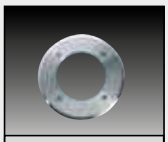
230V

IK10

0,50

6,5W - 350mA	185.00	197.00	185.00
9,5W - 350mA	195.00	207.00	195.00
16,5W - 500mA	232.00	244.00	232.00

Ø 100mm

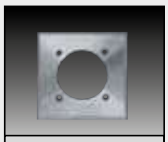


code : R.16

Ø 100mm

code : R.21

100 x 100mm



code : S.16

code: 8028.XXXX.XX

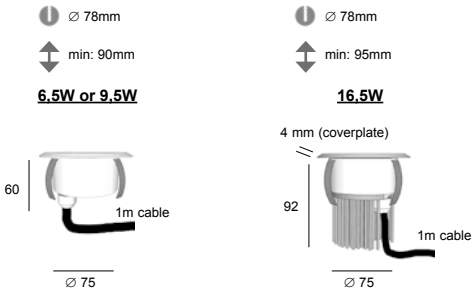
led
power
angle°
cover plate
color

Bolas HP Led

Fixed

LED		POWER		ANGLE		COVER PLATE		COLOR	
D	5000K	**0**	6,5W 350mA	**1**	20°	**R**	Round d.100mm	**16**	Brushed stainless steel 316L
W	2700K	**1**	9,5W 350mA	**3**	40°	**S**	Square 100x100mm	**21**	copper
		2	16,5W 500mA						

3000K / 4000K = on request
Dim-To-Warm 1800K-3000K = on request



Bolas HP led

Reference	Price €
8028._0_R.16	185.00
8028._0_R.21	197.00
8028._0_S.16	185.00
8028._1_R.16	195.00
8028._1_R.21	207.00
8028._1_S.16	195.00
8028._2_R.16	232.00
8028._2_R.21	244.00
8028._2_S.16	232.00

IP68
IK10

DESCRIPTION

Body made in solid anodised aluminum
Cover plate 4mm in stainless steel 316L or copper
Screws and spring in stainless steel
Safety extra clear glass 10mm thickness
Degree of protection IP68, water depth up to 1m
Led 350 or 500mA incorporated
Provided with 1m cable
Max. 2140kg (21000 N)
Energy class EC: A+

ACCESSORIES

Recessed box : Pop 8a or Pop 8b
Led driver 350 or 500mA CC
IP68 connection : Connex 2 / Connex 3
Anti-glare honeycomb : Louver ref: X060.043.3

ON REQUEST

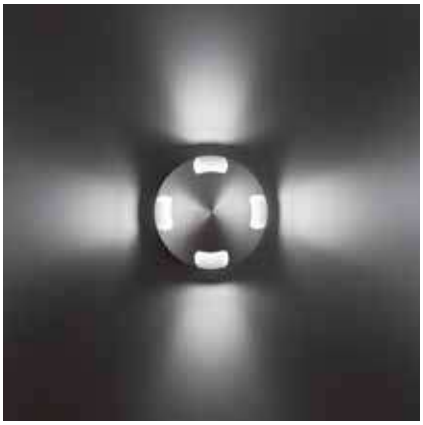
Other cover plate dimensions (customized)
Other materials (brass / ...)
Sandblasted glass
Other led colors : 3000K / 4000K
Other cable length (customized)

max. efficacity 158lm/W

Typical luminous flux (lm)			
	6,5W	9,5W	16,5W
2700 K	807	1215	2196
3000 K	845	1265	2285
4000 K	877	1316	2373
5000 K	959	1443	2609

Bolas V

Bolas H



Bolas X

DIMMABLE

0.5

IP67

IK10

max. efficacity 158lm/W

Typical luminous flux (lm)				
	6W	10W	9,5W	16,5W
2700 K	480	860	1215	2196
3000 K	500	900	1265	2285
4000 K			1316	2373
5000 K			1443	2609

Bolas V

Reference	Price €
8028V._13._ _	269.00
8028V._23._ _	299.00
8028V._33._ _	319.00

Bolas H

Reference	Price €
8028H._13._ _	284.00
8028H._23._ _	314.00
8028H._33._ _	334.00

Bolas X

Reference	Price €
8028X._13._ _	309.00
8028X._23._ _	339.00
8028X._33._ _	359.00

Bolas VHX 230V

Reference	Price €
8028H.W63._ _	284.00
8028H.W73._ _	324.00
8028V.W63._ _	269.00
8028V.W73._ _	309.00
8028X.W63._ _	309.00
8028X.W73._ _	349.00

DESCRIPTION

Body made in solid anodized aluminum
Safety extra clear glass 10mm thickness
Led module 350 or 500mA incorporated
(available with led module 6W or 10W 230V)
Class 1 (230V) or Class 3 (350/500mA)
Degree of protection IP67
Provided wth 1m cable
Max. 2140kg (21000 N)
Energy class EC: A+ (350mA) or A (230V)

ACCESSORIES

Recessed box - Pop 8a or 8b
Led driver 350 or 500mA CC
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Other RAL colors or anodized black
Other materials (brass / copper / ...)
Other led color
Other cable length (customized)

code: 8028V. X XX . XX

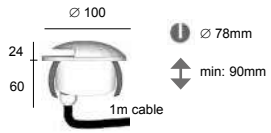
code: 8028H. X XX . XX

code: 8028X. X XX . XX

led
power
color

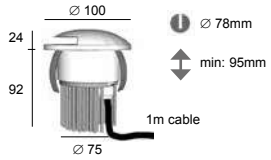
6W 230V
9.5W 350mA

0,55



10W 230V
16,5W 500mA

0,75



LED

D	5000K
N	4000K
W	2700K

3000K = on request
6,5W 350mA 2700K / 3000K / 4000K / 5000K = on request
Dim-To-Warm 1800K-3000K = on request

POWER

13	9,5W - 350mA
23	16,5W - 500mA

COLOR

02	Black
32	Anodized aluminum
39	Grey

LED

W	3000K

2700K = on request
Dim-To-Warm 1800K-3000K = on request

POWER

63	6,0W - 230V
73	10,0W - 230V

COLOR

02	Black
32	Anodized aluminum
39	Grey

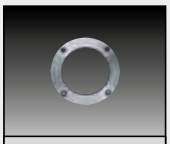
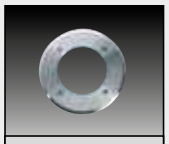
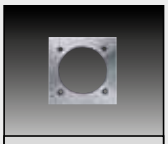
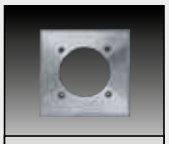
Zaxor GZ	229.00	239.00	249.00	229.00	254.00	264.00
Zaxor GZO	255.00	265.00	275.00	255.00	279.00	288.00

CLEAR GLASS

code : 1

SANDBLASTED GLASS

code : 2

Ø 110mm	Ø 125mm	Ø 150mm	110 x 110mm	125 x 125mm	150 x 150mm
					
code : 1.16	code : 3.16	code : A.16	code : 4.16	code : 6.16	code : B.16

code: 2201XXX .16

cable gland
glass
cover plate

Zaxor GZ

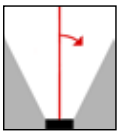
Fixed

code: 2211XXX .16

cable gland
glass
cover plate

Zaxor GZO

Adjustable



ADJUSTABLE
360° - 30°

GU10 LED (max. height 56mm)

CABLE GLAND

A	on the bottom
B	on the side

GLASS

1	Extra clear glass
2	Sandblasted glass

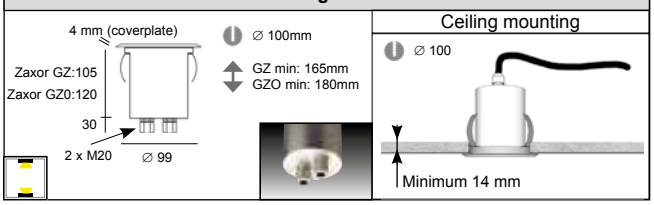
COVER PLATE

1	Round d.110mm
3	Round d.125mm
4	Square 110x110mm
6	Square 125x125mm
A	Round d.150mm
B	Square 150x150mm

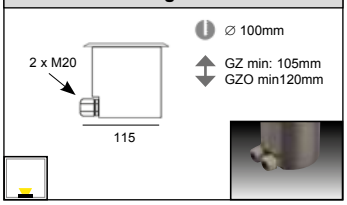
COLOR

16	Brushed stainless steel 316L

Cable gland: A



Cable gland: B



IP67

230V

IK10

DESCRIPTION

Body made in solid anodised aluminum
Cover plate 4mm in stainless steel 316L
Safety extra glass 10mm thickness
Screws and spring in stainless steel
Degree of protection IP67 - IK10
Max. 2140kg (21000 N)
Energy class EC: A++/A

ACCESSORIES

Recessed box - Pop 5a or 5b (only for cable gland A)
Recessed box - Zaxor box (only for cable gland A)
IP68 connection - Connex 2 / 3 / 4

ON REQUEST

Other cover plate dimensions (customized)
Other materials (brass,...)

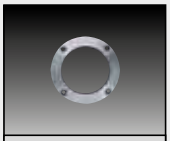
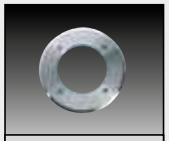
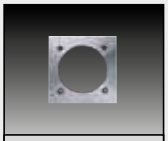
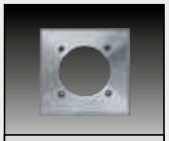
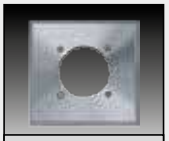
Zaxor GZ

Reference	Price €
2201_ _1.16	229.00
2201_ _3.16	239.00
2201_ _4.16	229.00
2201_ _6.16	254.00
2201_ _A.16	249.00
2201_ _B.16	264.00

Zaxor GZ0

Reference	Price €
2211_ _1.16	255.00
2211_ _3.16	265.00
2211_ _4.16	255.00
2211_ _6.16	279.00
2211_ _A.16	275.00
2211_ _B.16	288.00

3,2W - 350mA	219.00	229.00	239.00	219.00	249.00	279.00
6,5W - 350mA	219.00	229.00	239.00	219.00	249.00	279.00
9,5W - 350mA	229.00	239.00	249.00	229.00	259.00	289.00
16,5W - 500mA	265.00	275.00	285.00	265.00	295.00	325.00
24W - 700mA	285.00	295.00	305.00	285.00	315.00	345.00
3,2W - 230V	299.00	309.00	319.00	299.00	329.00	359.00
6,5W - 230V	299.00	309.00	319.00	299.00	329.00	359.00
9,5W - 230V	309.00	319.00	329.00	309.00	339.00	369.00

Ø 110mm	Ø 125mm	Ø 150mm	110 x 110mm	125 x 125mm	150 x 150mm
					
code : 1.16	code : 3.16	code : A.16	code : 4.16	code : 6.16	code : B.16

Zaxor LED

DIMMABLE

Fixed

code: 2277.XXXX .16

led
power
angle°
cover plate

Without driver (350/500/700mA)

LED

D	5000K
W	2700K

POWER

0	3,2W - 350mA
1	6,5W - 350mA
2	9,5W - 350mA
3	16,5W - 500mA
4	24W - 700mA

ANGLE

1	20°
3	40°

COVER PLATE

1	Round d.110mm
3	Round d.125mm
4	Square 110x110mm
6	Square 125x125mm
A	Round d.150mm
B	Square 150x150mm

COLOR

16	Brushed stainless steel 316L

3000K / 4000K = on request
Dim-To-Warm 1800K-3000K = on request

max. efficacity 158lm/W

code: 2278.XXXX .16

led
power
angle°
cover plate

Driver 220-240V incorporated
(Trailing-edge and leading-edge dimming)

Typical luminous flux (lm)					
	3,2W	6,5W	9,5W	16,5W	24,0W
2700 K	337	807	1215	2196	3070
3000 K	354	845	1265	2285	3200
4000 K	380	877	1316	2373	3300
5000 K	381	959	1443	2609	3650

LED

D	5000K
W	2700K

POWER

0	3,2W - 230V
1	6,5W - 230V
2	9,5W - 230V

ANGLE

1	20°
3	40°

COVER PLATE

1	Round d.110mm
3	Round d.125mm
4	Square 110x110mm
6	Square 125x125mm
A	Round d.150mm
B	Square 150x150mm

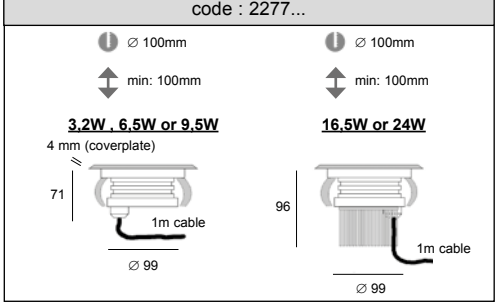
COLOR

16	Brushed stainless steel 316L

3000K / 4000K = on request
Dim-To-Warm 1800K-3000K = on request

Without driver (350mA - 500mA - 700mA)

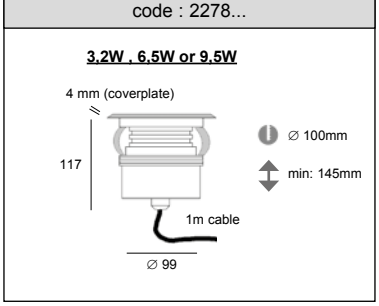
code : 2277...



0,5
IP67
IK10
1,50

Driver 220-240V incorporated

code : 2278...



0,5
IP67
230V
IK10
1,50

2278.xxx3.16

DESCRIPTION

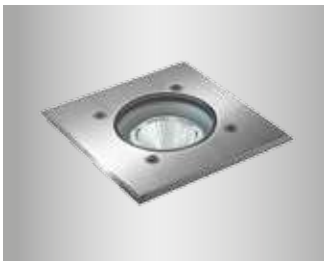
Body made in solid anodised aluminum
Cover plate 4mm in stainless steel 316L
Screws and spring in stainless steel
Safety extra clear glass 10mm thickness
Led incorporated
Dimmable driver 220-240V incorporated (only code 2278)
Max. 2140kg (21000 N)
Degree of protection IP67 - IK10
Provided with 1m cable
Energy class EC: A+

ACCESSORIES

Recessed box : Pop 5a or Pop 5b
Led driver CC (only for model 2277)
IP68 connection : Connex 2 / Connex 3
Anti-glare honeycomb : Louver ref: X060.068.3

ON REQUEST

Other cover plate dimensions (customized)
Other materials (brass,...) / Sandblasted glass
Other led colors : 3000K / 4000K
Other cable length (customized)
Degree of protection IP68



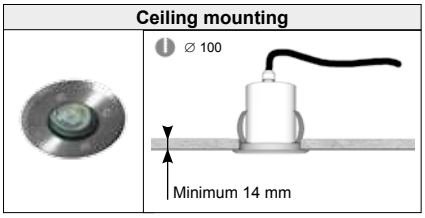
Zaxor led (350mA/500mA/700mA)

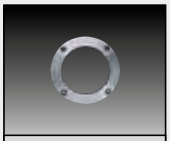
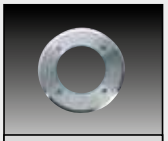
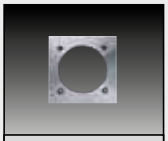
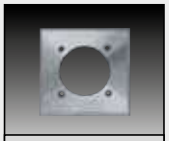
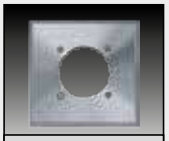
Reference	Price €
2277._ 0 _ 1.16	219.00
2277._ 0 _ 3.16	229.00
2277._ 0 _ 4.16	219.00
2277._ 0 _ 6.16	249.00
2277._ 0 _ A.16	239.00
2277._ 0 _ B.16	279.00
2277._ 1 _ 1.16	219.00
2277._ 1 _ 3.16	229.00
2277._ 1 _ 4.16	219.00
2277._ 1 _ 6.16	249.00
2277._ 1 _ A.16	239.00
2277._ 1 _ B.16	279.00
2277._ 2 _ 1.16	229.00
2277._ 2 _ 3.16	239.00
2277._ 2 _ 4.16	229.00
2277._ 2 _ 6.16	259.00
2277._ 2 _ A.16	249.00
2277._ 2 _ B.16	289.00
2277._ 3 _ 1.16	265.00
2277._ 3 _ 3.16	275.00
2277._ 3 _ 4.16	265.00
2277._ 3 _ 6.16	295.00
2277._ 3 _ A.16	285.00
2277._ 3 _ B.16	325.00
2277._ 4 _ 1.16	285.00
2277._ 4 _ 3.16	295.00
2277._ 4 _ 4.16	285.00
2277._ 4 _ 6.16	315.00
2277._ 4 _ A.16	305.00
2277._ 4 _ B.16	345.00

Zaxor led (220-240V)

Reference	Price €
2278._ 0 _ 1.16	299.00
2278._ 0 _ 3.16	309.00
2278._ 0 _ 4.16	299.00
2278._ 0 _ 6.16	329.00
2278._ 0 _ A.16	319.00
2278._ 0 _ B.16	359.00
2278._ 1 _ 1.16	299.00
2278._ 1 _ 3.16	309.00
2278._ 1 _ 4.16	299.00
2278._ 1 _ 6.16	329.00
2278._ 1 _ A.16	319.00
2278._ 1 _ B.16	359.00
2278._ 2 _ 1.16	309.00
2278._ 2 _ 3.16	319.00
2278._ 2 _ 4.16	309.00
2278._ 2 _ 6.16	339.00
2278._ 2 _ A.16	329.00
2278._ 2 _ B.16	369.00

Ceiling mounting



Ø 110mm	Ø 125mm	Ø 150mm	110 x 110mm	125 x 125mm	150 x 150mm
					
code : 1.16	code : 3.16	code : A.16	code : 4.16	code : 6.16	code : B.16

Zaxor 10°

Fixed

7W to 17W

Without driver (200 → 450mA)

code: 7016.XXX X .16

led

cover plate

LED

W27 2700K - 10°
W30 3000K - 10°

4000K = on request

COVER PLATE

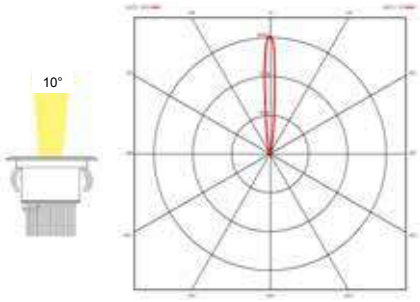
1 Round d.110mm
3 Round d.125mm
4 Square 110x110mm
6 Square 125x125mm
A Round d.150mm
B Square 150x150mm

COLOR

16 Brushed stainless steel 316L

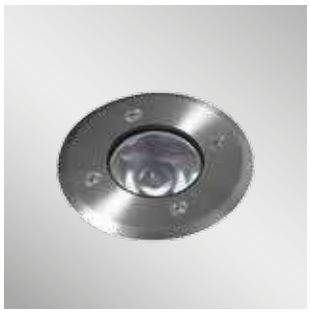
max. efficacity 108lm/W

Typical luminous flux (lm)			
	200mA	350mA	450mA
	7W	13W	17W
2700 K	750	1350	1650
3000 K	800	1400	1750
4000 K	850	1450	1800



Zaxor 10°

Reference	Price €
7016.W _ _ 1.16	325.00
7016.W _ _ 3.16	335.00
7016.W _ _ 4.16	325.00
7016.W _ _ 6.16	355.00
7016.W _ _ A.16	345.00
7016.W _ _ B.16	385.00



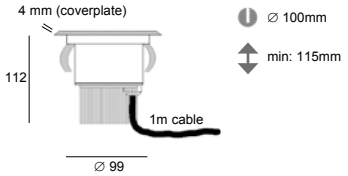
IP67

450mA

IK10

DESCRIPTION

Body made in solid anodised aluminum
Cover plate 4mm in stainless steel 316L
Screws and spring in stainless steel
Safety extra clear glass 10mm thickness
Led module incorporated
Max. 2140kg (21000 N)
Degree of protection IP67 - IK10
Provided with 1m cable
Energy class EC: A+



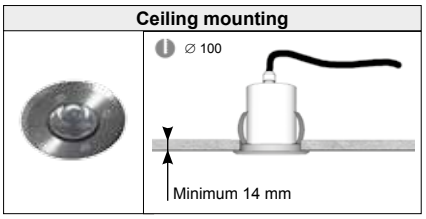
ACCESSORIES

Recessed box : Pop 5b
Recessed box : Zaxor Box
Led driver CC (from 200mA to 450mA)
IP68 connection : Connex 2 / Connex 3
Anti-glare honeycomb : Louver ref: X060.064.3

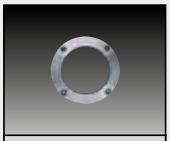
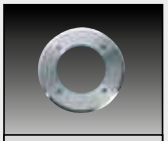
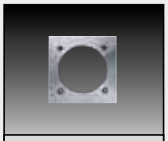
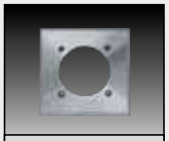
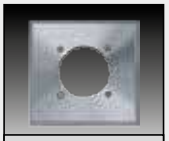
ON REQUEST

Other cover plate dimensions (customized)
Other materials (brass,...) / Sandblasted glass
Other led colors : 4000K
Other cable length (customized)

Ceiling mounting



3,2W - 350mA	339.00	349.00	359.00	339.00	369.00	399.00
6,5W - 350mA	339.00	349.00	359.00	339.00	369.00	399.00
9,5W - 350mA	349.00	359.00	369.00	349.00	379.00	409.00
3,2W - 230V	419.00	429.00	439.00	419.00	449.00	479.00
6,5W - 230V	419.00	429.00	439.00	419.00	449.00	479.00
9,5W - 230V	429.00	439.00	449.00	429.00	459.00	489.00

Ø 110mm	Ø 125mm	Ø 150mm	110 x 110mm	125 x 125mm	150 x 150mm
					
code : 1.16	code : 3.16	code : A.16	code : 4.16	code : 6.16	code : B.16

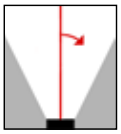
DIMMABLE

code: 2407.XXXX .16 Without driver (350mA)

code: 2408.XXXX .16 Driver 220-240V incorporated
(Trailing-edge and leading-edge dimming)

led
power
cover plate

Zaxor LED-O



ADJUSTABLE
360° - 30°

LED

D	5000K
W	2700K

POWER

01	3,2W - 20°
03	3,2W - 40°
11	6,5W - 20°
13	6,5W - 40°
21	9,5W - 20°
23	9,5W - 40°

COVER PLATE

1	Round d.110mm
3	Round d.125mm
4	Square 110x110mm
6	Square 125x125mm
A	Round d.150mm
B	Square 150x150mm

COLOR

16	Brushed stainless steel 316L

3000K / 4000K = on request
Dim-To-Warm 1800K-3000K = on request

max. efficacity 151lm/W

Typical luminous flux (lm)			
	3,2W	6,5W	9,5W
2700 K	337	807	1215
3000 K	354	845	1265
4000 K	380	877	1316
5000 K	381	959	1443

Zaxor led O (350mA)

Reference	Price €
2407._0_1.16	339.00
2407._0_3.16	349.00
2407._0_4.16	339.00
2407._0_6.16	369.00
2407._0_A.16	359.00
2407._0_B.16	399.00
2407._1_1.16	339.00
2407._1_3.16	349.00
2407._1_4.16	339.00
2407._1_6.16	369.00
2407._1_A.16	359.00
2407._1_B.16	399.00
2407._2_1.16	349.00
2407._2_3.16	359.00
2407._2_4.16	349.00
2407._2_6.16	379.00
2407._2_A.16	369.00
2407._2_B.16	409.00

Zaxor led O (220-240V)

Reference	Price €
2408._0_1.16	419.00
2408._0_3.16	429.00
2408._0_4.16	419.00
2408._0_6.16	449.00
2408._0_A.16	439.00
2408._0_B.16	479.00
2408._1_1.16	419.00
2408._1_3.16	429.00
2408._1_4.16	419.00
2408._1_6.16	449.00
2408._1_A.16	439.00
2408._1_B.16	479.00
2408._2_1.16	429.00
2408._2_3.16	439.00
2408._2_4.16	429.00
2408._2_6.16	459.00
2408._2_A.16	449.00
2408._2_B.16	489.00

2408.xxx3.16

DESCRIPTION

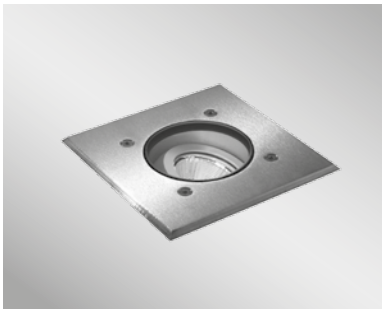
Body made in solid anodised aluminum
Cover plate 4mm in stainless steel 316L
Screws and spring in stainless steel
Safety extra clear glass 10mm thickness
Led incorporated
Dimmable driver 220-240V incorporated (only code 2408)
Max. 2140kg (21000 N)
Degree of protection IP67 - IK10
Provided with 1m cable
Energy class EC: A+

ACCESSORIES

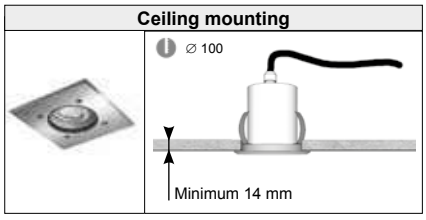
Recessed box : Pop 5b
Led driver CC 350mA (only for model 2407)
IP68 connection : Connex 2 / Connex 3
Anti-glare honeycomb : Louver ref: X060.050.3

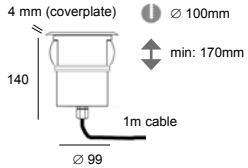
ON REQUEST

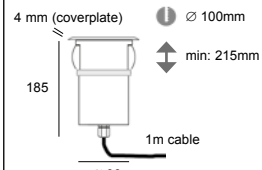
Other cover plate dimensions (customized)
Other materials (brass,...) / Sandblasted glass
Other led colors : 3000K / 4000K
Other cable length (customized)
Degree of protection IP68



Ceiling mounting

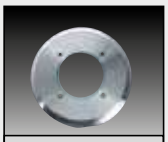


Without driver (350mA)	
code : 2407...	IP67
	350mA IK10 1,40 CE

Driver 220-240V incorporated	
code : 2408...	IP67
	230V IK10 1,80 CE

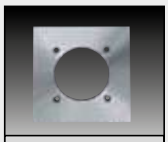
9,5W - 350mA	585.00	585.00
16,5W - 500mA	616.00	616.00
9,5W - 230V	659.00	659.00
16,5W - 230V	715.00	715.00

Ø 200mm



code : G.16

200 x 200mm



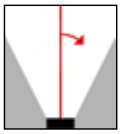
code : H.16

code: 2437XXXX.16 Without driver (350mA or 500mA)

code: 2438XXXX.16 Driver 220-240V incorporated

led
angle°
cover plate

Bolas O-HP Led



ADJUSTABLE
360° - 30°

LED

D1	9,5W - 5000K
D2	16,5W - 5000K°
W1	9,5W - 2700K
W2	16,5W - 2700K

ANGLE

1	20°
3	40°

COVER PLATE

G	Round d.200mm
H	Square 200x200mm

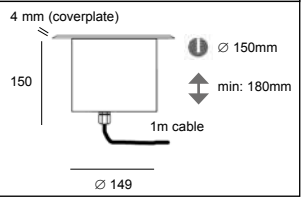
COLOR

16	Brushed stainless steel 316L

3000K / 4000K = on request
Dim-To-Warm 1800K-3000K = on request

Without driver 9,5W - 350mA 16,5W - 500mA

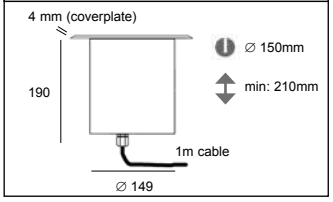
code : 2437...



350mA
500mA

Driver 220-240V incorporated

code : 2438...



230V

0,5

IP67

IK09

DESCRIPTION

Body made in profile anodised aluminum
Cover plate 4mm in stainless steel 316L
Degree of protection IP67 - IK09
Safety clear glass 10mm thickness
Led incorporated
Driver 220-240V incorporated (only code 2438)
Provided with 1m cable
Max. 1000kg
Energy class EC: A+

ACCESSORIES

Recessed box : Pop 6
Led driver 350mA or 500mA CC (only code 2437)
Anti-glare honeycomb : Louver ref: X060.050.3
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Other cover plate dimensions (customized)
Sandblasted glass
Other led colors : 3000K / 4000K
Other cable length (customized)

max. efficacity 158lm/W

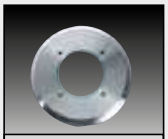
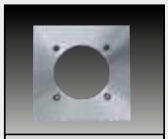
Typical luminous flux (lm)		
	9,5W	16,5W
2700 K	1215	2196
3000 K	1265	2285
4000 K	1316	2373
5000 K	1443	2609

Bolas-O-HPL (350mA or 500mA)

Reference	Price €
2437_1_G.16	585.00
2437_1_H.16	585.00
2437_2_G.16	616.00
2437_2_H.16	616.00

Bolas-O-HPL (220-240V)

Reference	Price €
2438_1_G.16	659.00
2438_1_H.16	659.00
2438_2_G.16	715.00
2438_2_H.16	715.00

Ø 200mm	200 x 200mm
	
code : G.16	code : H.16

code: 2417XXXC1X .16

led

cover plate

Zaxor HP Led

Fixed

LED

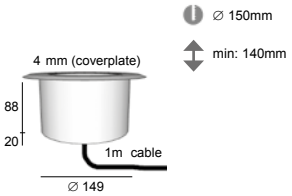
N75	23W 230V - 4000K - 24°
N76	23W 230V - 4000K - 40°
W75	23W 230V - 3000K - 24°
W76	23W 230V - 3000K - 40°
Z75	17W RGB - 350mA - 24°

COVER PLATE

G	Round d.200mm
H	Square 200x200mm

COLOR

16	Brushed stainless steel 316L



Zaxor HP led

Reference	Price €
2417N7_C1_.16	459.00
2417W7_C1_.16	459.00
2417Z75C1_.16	629.00

IP67

IK09

DESCRIPTION

Body made in profile anodised aluminum
Cover plate 4mm in stainless steel 316L
Screws in stainless steel
Safety glass 10mm thickness
Led incorporated
Max. 1000kg
Degree of protection IP67 - IK09
Class 1 (230V) or Class 3 (350mA)
Provided with 1m cable
Energy class EC: A

ACCESSORIES

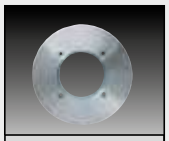
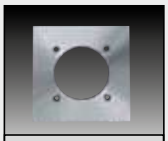
Recessed box : Pop 6
Led driver RGB: RGBox
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Other cover plate dimensions (customized)
Sandblasted glass
Other cable length (customized)

max. efficacity 85lm/W

Typical luminous flux (lm)	
	23W
3000 K	1850
4000 K	1950

Ø 250mm	250 x 250mm
	
code : J.16	code : K.16

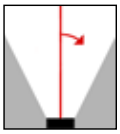
code: 2427XXXC1X .16

led

cover plate

Zaxor O-HP Led

Adjustable



ADJUSTABLE
360° - 30°

LED

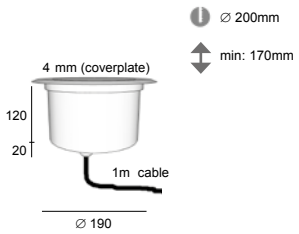
N75	23W 230V - 4000K - 24°
N76	23W 230V - 4000K - 40°
W75	23W 230V - 3000K - 24°
W76	23W 230V - 3000K - 40°
Z75	17W RGB - 350mA - 24°

COVER PLATE

J	Round d.250mm
K	Square 250x250mm

COLOR

16	Brushed stainless steel 316L



Zaxor O-HP led

Reference	Price €
2427N7_C1_.16	760.00
2427W7_C1_.16	760.00
2427Z75C1_.16	895.00

IP67
IK09

DESCRIPTION

Body made in profile anodised aluminum
Cover plate 4mm in stainless steel 316L
Screws in stainless steel
Safety glass 12mm thickness
Led incorporated
Max. 1500kg
Degree of protection IP67 - IK09
Class 1 (230V) or Class 3 (350mA)
Provided with 1m cable
Energy class EC: A

ACCESSORIES

Recessed box : Pop 7
Led driver RGB: RGBox
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Other cover plate dimensions (customized)
Sandblasted glass
Other cable length (customized)

max. efficacity 85lm/W

Typical luminous flux (lm)	
	23W
3000 K	1850
4000 K	1950

UNDERWATER LIGHTING

completely in stainless steel 316L

Zona F

IP68

500mA

IK06

DESCRIPTION

Made completely in solid stainless steel 316L
To use only in permanent immersion (underwater)
Operation up to a max. water temperature of 35°C
Safety extra clear glass
Led module COB incorporated
Degree of protection IP68, water depth up to 2m
Provided with 3m cable
Energy class EC: A+

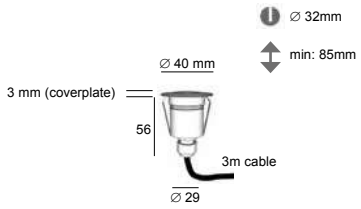
CONFORMING STANDARD OPERATING UNDERWATER
APPROVED UNDER WATER
MAXIMUM
30 V-DC
with constant current

ACCESSORIES

Led driver AC/CC (from 200mA to 700mA)
Led driver DC/CC (12-24VDC/XXXmA)
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Sandblasted glass
Other led color: 3000K / 4000K
Other led angle: 45°
Other cover plate dimensions (customized)
Other cable length (customized)



1,6W to 5W

code: 8022F. XXX . XX
led
material

Without driver (200 → 500mA)

max. efficacity 138lm/W

Typical luminous flux (lm)			
	200mA 1,6W	350mA 3,2W	500mA 5W
2700 K	195	337	457
3000 K	205	354	479
4000 K	220	380	515
5000 K	221	381	516
voltage DC	8V	9,1V	10V

LED

D31 5000K - 30°
W31 2700K - 30°

3000K / 4000K = on request
45° = on request

MATERIAL

16 stainless steel 316L
16EP stainless steel 316L + Electropolishing

Zona F

Reference	Price €
8022F.D31.16	145.00
8022F.D31.16EP	170.00
8022F.W31.16	145.00
8022F.W31.16EP	170.00

+ startup cost for Electropolishing treatment
+ coût de démarrage pour le traitement d'électropolissage
+ opstartkosten voor Electropolishing-behandeling
+ Startkosten für Elektropolierbehandlung
+ κόστος εκκίνησης για την επεξεργασία Electropolishing

Regarding Electropolishing treatment (16EP), please refer to the information pages of this catalog for explanations.

code: 8024F. XXX . XX

led

material

1,6W to 5W

Without driver (200 → 500mA)

max. efficacity 138lm/W

Typical luminous flux (lm)			
	200mA 1,6W	350mA 3,2W	500mA 5W
2700 K	195	337	457
3000 K	205	354	479
4000 K	220	380	515
5000 K	221	381	516
voltage DC	8V	9,1V	10V

LED

D31 5000K - 30°
W31 2700K - 30°

3000K / 4000K = on request
45° = on request

MATERIAL

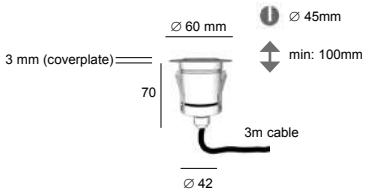
16 stainless steel 316L
16EP stainless steel 316L + Electropolishing

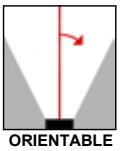
Xeno F

Reference	Price €
8024F.D31.16	195.00
8024F.D31.16EP	225.00
8024F.W31.16	195.00
8024F.W31.16EP	225.00

+ startup cost for Electropolishing treatment
+ coût de démarrage pour le traitement d'électropolissage
+ opstartkosten voor Electropolishing-behandeling
+ Startkosten für Elektropolierbehandlung
+ κόστος εκκίνησης για την επεξεργασία Electropolishing

Regarding Electropolishing treatment (16EP), please refer to the information pages of this catalog for explanations.





ORIENTABLE
360° - 45°

0,5

IP68

500mA

IK06

0,50

Xeno F

DESCRIPTION

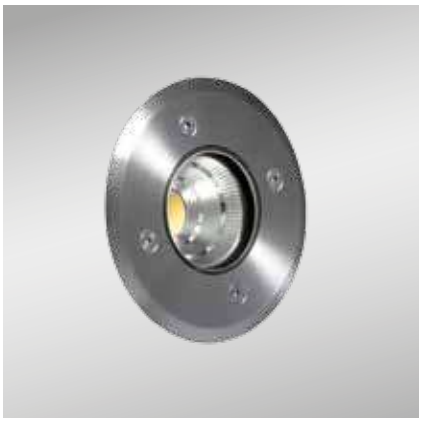
Made completely in solid stainless steel 316L
To use only in permanent immersion (underwater)
Operation up to a max. water temperature of 35°C
Safety extra clear glass
Led module COB incorporated
Degree of protection IP68, water depth up to 2m
Provided with 3m cable
Energy class EC: A+

ACCESSORIES

Led driver AC/CC (from 200mA to 700mA)
Led driver DC/CC (12-24VDC/XXXmA)
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Sandblasted glass
Other led color: 3000K / 4000K
Other led angle: 45°
Other cover plate dimensions (customized)
Other cable length (customized)



Bolas F

IP68

700mA

IK10

DESCRIPTION

Made completely in solid stainless steel 316L
To use only in permanent immersion (underwater)
Operation up to a max. water temperature of 35°C
Safety extra clear glass 10mm thickness
Led module COB incorporated
Degree of protection IP68, water depth up to 2m
Provided with 3m cable
Energy class EC: A+

CONFORMING STANDARD OPERATING UNDERWATER
APPROVED UNDER WATER
MAXIMUM
30 V-DC
with constant current

ACCESSORIES

Led driver AC/CC (from 200mA to 700mA)
Led driver DC/CC (24VDC/XXXmA)
IP68 connection : Connex 2 / Connex 3
Anti-glare honeycomb : Louver ref: X060.043.3

ON REQUEST

Sandblasted glass
Other led color: 3000K / 4000K
Other led angle: 20°
Other cover plate dimensions (customized)
Other cable length (customized)

3,2W to 13W

code: 8028F. XXX . XX
led
material

Without driver (200 → 700mA)

max. efficacity 172lm/W

Typical luminous flux (lm)				
	200mA 3,2W	350mA 6,2W	500mA 9W	700mA 13W
2700 K	455	807	1120	1509
3000 K	480	845	1173	1580
4000 K	500	877	1218	1641
5000 K	550	959	1332	1794
voltage DC	16V	17,7V	18V	18,6V

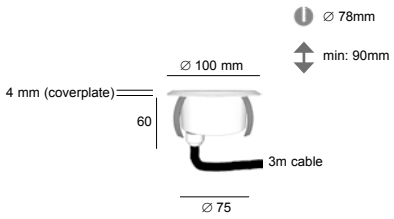
LED

D03 5000K - 40°
W03 2700K - 40°

3000K / 4000K = on request
20° = on request

MATERIAL

16 stainless steel 316L
16EP stainless steel 316L + Electropolishing



Bolas F

Reference	Price €
8028F.D03R.16	335.00
8028F.D03R.16EP	375.00
8028F.W03R.16	335.00
8028F.W03R.16EP	375.00

+ startup cost for Electropolishing treatment
+ coût de démarrage pour le traitement d'électropolissage
+ opstartkosten voor Electropolishing-behandeling
+ Startkosten für Elektropolierbehandlung
+ κόστος εκκίνησης για την επεξεργασία Electropolishing

Regarding Electropolishing treatment (16EP), please refer to the information pages of this catalog for explanations.

Kozi F

IP68

500mA

IK06

DESCRIPTION

Made completely in solid stainless steel 316L
To use only in permanent immersion (underwater)
Operation up to a max. water temperature of 35°C
Safety extra clear glass
Led module COB incorporated
Degree of protection IP68, water depth up to 1m
Provided with 3m cable
Energy class EC: A+

ACCESSORIES

Led driver AC/CC (from 200mA to 700mA)
Led driver DC/CC (12-24VDC/XXXmA)
IP68 connection : Connex 2 / Connex 3

ON REQUEST

Sandblasted glass
Other led color: 3000K / 4000K
Other led angle: 45°
Other cable length (customized)

CONFORMING STANDARD OPERATING UNDERWATER
APPROVED UNDER WATER
MAXIMUM 30 V-DC with constant current

1,6W to 5W

code: 8042F. XXX . XX Without driver (200 → 500mA)

led

material

max. efficacity 138lm/W

Typical luminous flux (lm)			
	200mA 1,6W	350mA 3,2W	500mA 5W
2700 K	195	337	457
3000 K	205	354	479
4000 K	220	380	515
5000 K	221	381	516
voltage DC	8V	9,1V	10V

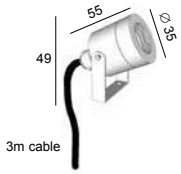
LED

D31 5000K - 30°
W31 2700K - 30°

3000K / 4000K = on request
45° = on request

MATERIAL

16 stainless steel 316L
16EP stainless steel 316L + Electropolishing



Kozi F

Reference	Price €
8042F.D31.16	155.00
8042F.D31.16EP	195.00
8042F.W31.16	155.00
8042F.W31.16EP	195.00

+ startup cost for Electropolishing treatment
+ coût de démarrage pour le traitement d'électropolissage
+ opstartkosten voor Electropolishing-behandeling
+ Startkosten für Elektropolierbehandlung
+ κόστος εκκίνησης για την επεξεργασία Electropolishing

Regarding Electropolishing treatment (16EP), please refer to the information pages of this catalog for explanations.

IP68

700mA

IK10

Saturn F

DESCRIPTION

Made completely in solid stainless steel 316L
To use only in permanent immersion (underwater)
Operation up to a max. water temperature of 35°C
Safety extra clear glass 10mm thickness
Led module COB incorporated
Degree of protection IP68, water depth up to 1m
Provided with 3m cable
Energy class EC: A+

CONFORMING STANDARD OPERATING UNDERWATER
APPROVED UNDER WATER
MAXIMUM
30 V-DC
with constant current

ACCESSORIES

Led driver AC/CC (from 200mA to 700mA)
Led driver DC/CC (24VDC/XXXmA)
IP68 connection : Connex 2 / Connex 3
Anti-glare honeycomb : Louver ref: X060.043.3

ON REQUEST

Sandblasted glass
Other led color: 3000K / 4000K
Other led angle: 20°
Other cable length (customized)

3,2W to 13W

code: 8029F. XXX . XX
led
material

Without driver (200 → 700mA)

max. efficacity 172lm/W

Typical luminous flux (lm)				
	200mA	350mA	500mA	700mA
	3,2W	6,2W	9W	13W
2700 K	455	807	1120	1509
3000 K	480	845	1173	1580
4000 K	500	877	1218	1641
5000 K	550	959	1332	1794
voltage DC	16V	17,7V	18V	18,6V

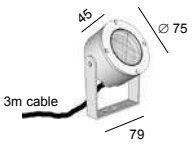
LED

D03 5000K - 40°
W03 2700K - 40°

3000K / 4000K = on request
20° = on request

MATERIAL

16 stainless steel 316L
16EP stainless steel 316L + Electropolishing

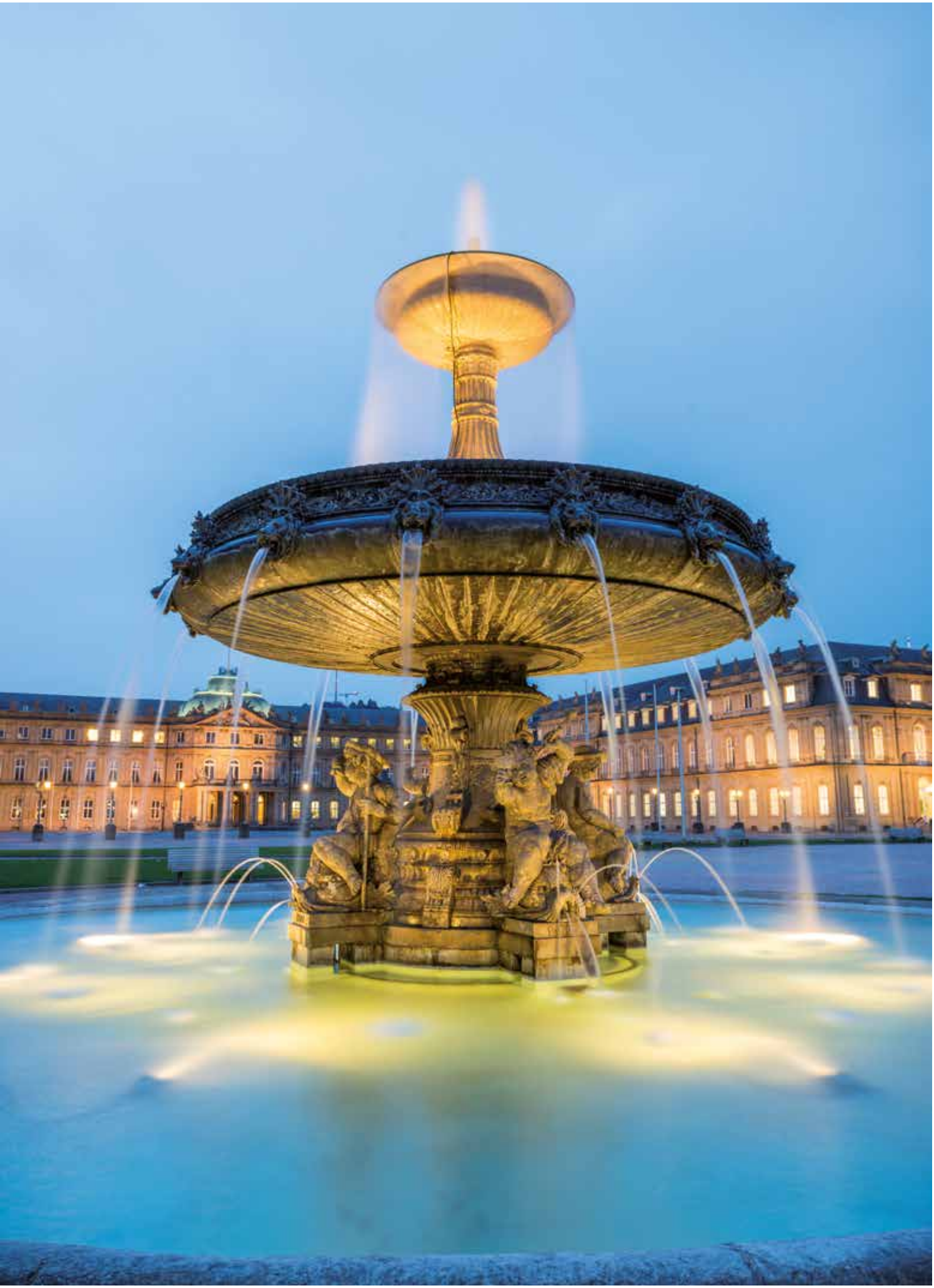


Saturn F

Reference	Price €
8029F.D03.16	335.00
8029F.D03.16EP	385.00
8029F.W03.16	335.00
8029F.W03.16EP	385.00

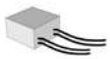
+ startup cost for Electropolishing treatment
+ coût de démarrage pour le traitement d'électropolissage
+ opstartkosten voor Electropolishing-behandeling
+ Startkosten für Elektropolierbehandlung
+ κόστος εκκίνησης για την επεξεργασία Electropolishing

Regarding Electropolishing treatment (16EP), please refer to the information pages of this catalog for explanations.



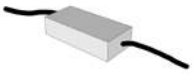
ACCESSORIES

LED Power Supply AC/CC 350mA Constant Current

					
LED DRIVER	350mA 1,2W	350mA 2-3,2W	350mA 1-6W	350mA 3-10W	350mA 1-12W
CODE	**X021**	**X020**	**X022**	**X037.DIM**	**X014**
	CE 0,05 IP65	CE 0,05 IP65	CE 0,10 IP67	CE 0,10 IP67	CE 0,17 IP67
Dimensions: L x W x H (mm)	37 x 26 x 21	37 x 26 x 21	45 x 45 x 25	67 x 41 x 34	81 x 35 x 23
Input	100-240V 50-60Hz	220-240V 50-60Hz	120-240V 50-60Hz	220-240V 50-60Hz	120-240V 50-60Hz
Output	0,5-4V DC	5-10V DC	2-20V DC	9-31V DC	2-35V DC
Dim	no	no	no	yes (100% → 5%)*	no
Price €	22.00	22.00	25.50	25.50	35.00

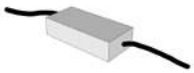
LED DRIVER	350mA 3-18W	350mA 16-25W	350mA 14-26W	350mA 25-37W	350mA 35-70W
CODE	**X032**	**X040**	**X043**	**X073**	**X074**
	CE 0,28 IP67	CE 0,10 IP20	CE 0,22 IP66	CE 0,24 IP30	CE 0,73 IP67
Dimensions: L x W x H (mm)	133 x 40 x 30	131 x 38 x 29	78 x 65 x 27	128 x 60 x 32	171 x 62 x 37
Input	220-240V 50-60Hz	220-240V 50-60Hz	100-240V 50-60Hz	220-240V 50-60Hz	90-305V 50-60Hz
Output	4-52V DC	45-72V DC	38-75V DC	70-108V DC	100-200V DC
Dim	yes (100% → 35%)*	yes (100% → 5%)*	yes (100% → 10%)**	yes (100% → 5%)*	yes (100% → 10%)**
Price €	55.50	23.50	52.00	48.00	78.00

LED Power Supply AC/CC 500mA Constant Current

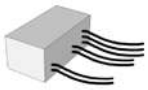
					
LED DRIVER	500mA 1-12W	500mA 16-25W	500mA 6-26W	500mA 35-54W	500mA 38-75W
CODE	**X030**	**X026**	**X033**	**X076**	**X077**
	CE 0,17 IP67	CE 0,10 IP20	CE 0,28 IP67	CE 0,35 IP30	CE 0,80 IP67
Dimensions: L x W x H (mm)	81 x 35 x 23	131 x 38 x 29	133 x 40 x 30	128 x 60 x 32	180 x 63 x 36
Input	120-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz
Output	2-26V DC	32-50V DC	12-52V DC	70-108V DC	75-150V DC
Dim	no	yes (100% → 5%)*	yes (100% → 25%)*	yes (100% → 5%)*	yes (100% → 10%)**
Price €	34.00	23.50	55.50	52.00	79.00

* Dimmable with leading-edge and trailing edge TRIAC dimmers
** Dimmable with 0 -10VDC or 1 -10VDC

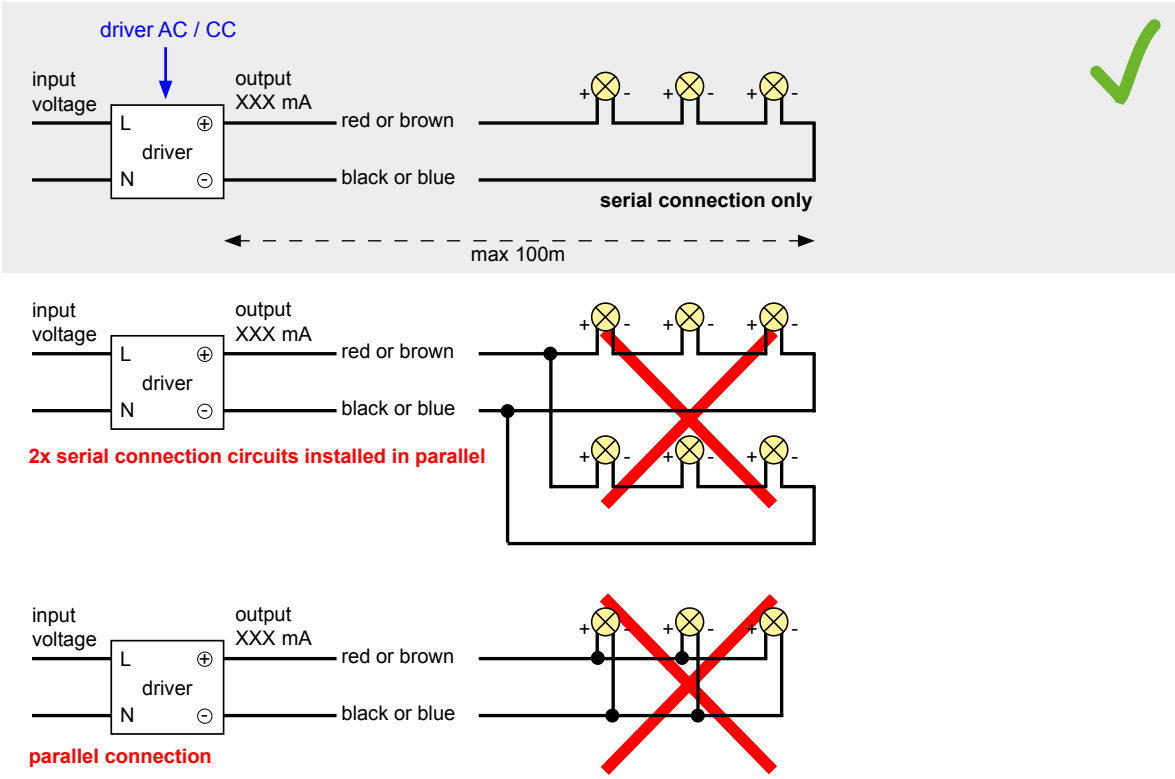
LED Power Supply AC/CC 700mA Constant Current

					
LED DRIVER	700mA 16-25W	700mA 14-26W	700mA 10-36W	700mA 35-60W	700mA 38-75W
CODE	**X028**	**X044**	**X034**	**X086**	**X087**
	CE 0,10 IP20	CE 0,22 IP66	CE 0,28 IP67	CE 0,35 IP30	CE 0,80 IP67
Dimensions: L x W x H (mm)	131 x 38 x 29	78 x 65 x 27	133 x 40 x 30	128 x 60 x 32	180 x 63 x 36
Input	220-240V 50-60Hz	100-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz
Output	23-37V DC	19-37V DC	4-52V DC	50-86V DC	53-107V DC
Dim	yes (100% → 5%)*	yes (100% → 10%)**	yes (100% → 25%)*	yes (100% → 5%)*	yes (100% → 10%)**
Price €	23.50	58.00	55.50	55.50	79.00

Other LED Power Supply AC/CC Constant Current

					
LED DRIVER	200mA 4-8W	450mA 13-25W	450mA 21-42W		
CODE	**X011**	**X045**	**X047**		
	CE 0,10 IP20	CE 0,22 IP66	CE 0,45 IP66		
Dimensions: L x W x H (mm)	80 x 37 x 21	78 x 65 x 27	95 x 70 x 32		
Input	220-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz		
Output	20-40V DC	28-56V DC	47-94V DC		
Dim	yes (100% → 5%)*	yes (100% → 10%)**	yes (100% → 10%)**		
Price €	22.00	55.50	72.00		

Installation with a Constant Current power supply



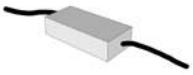
ACCESSORIES

A

LED Power Supply AC/CC with DALI interface & push dimming function

LED DRIVER	selection with DIP switch 350mA 3-18W 500mA 3-25W 700mA 5-25W	selection with DIP switch 350mA 1-35W 500mA 1-40W 700mA 1-40W	selection with DIP switch 500mA 1-45W 700mA 1-60W	synchronization cable for driver X035	synchronization cable for driver X036 & X042
CODE	**X035**	**X036**	**X042**	**DIM.AC.01**	**DIM.AC.02**
	CE 0,17 IP20	CE 0,24 IP20	CE 0,24 IP20		
Dimensions: L x W x H (mm)	105 x 68 x 23	124 x 82 x 23	124 x 82 x 23	Length: 30cm	Length: 30cm
Input AC	180-277V 50-60Hz	180-295V 50-60Hz	180-295V 50-60Hz		
Output CC	350mA (6-54V DC) 500mA (6-50V DC) 700mA (6-36V DC)	350mA (2-100V DC) 500mA (2-80V DC) 700mA (2-57V DC)	500mA (2-90V DC) 700mA (2-86V DC)		
Dim	yes (100% → off)	yes (100% → off)	yes (100% → off)		
Price €	65.00	78.00	84.00	4.50	4.50

LED Power Supply AC/DC 24V Constant Voltage

					
LED DRIVER	24V DC 36W	24V DC 60W	24V DC 100W	24V DC 150W	
CODE	**DRI.24036**	**DRI.24060**	**DRI.24100**	**DRI.24150**	
	CE 0,34 IP67	CE 0,40 IP67	CE 0,63 IP67	CE 0,74 IP67	
Dimensions: L x W x H (mm)	148 x 40 x 30	163 x 43 x 32	190 x 52 x 37	191 x 63 x 38	
Input AC	90-264V 50-60Hz	90-264V 50-60Hz	90-264V 50-60Hz	180-305V 50-60Hz	
Output DC	24V DC / 0-1,5A	24V DC / 0-2,5A	24V DC / 0-4,2A	24V DC / 0-6,3A	
Dim	no	no	no	no	
Price €	30.00	36.00	59.00	79.00	

LED Power Supply DC/CC 350mA / 500mA / 700mA Constant Voltage

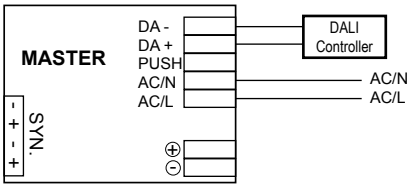
LED DRIVER	350mA 1-11W Input 12V DC: 1- 4W 24V DC: 1- 8W 36V DC: 1- 11W	350mA 8-44W	500mA 11-44W	700mA 15-44W	
CODE	**DRI.010**	**DRI.013**	**DRI.014**	**DRI.015**	
	CE 0,01 IP67	CE 0,14 IP44	CE 0,14 IP44	CE 0,14 IP44	
Dimensions: L x W x H (mm)	23 x 10 x 9	75 x 53 x 23	75 x 53 x 23	75 x 53 x 23	
Input DC	12-36V DC	24V DC	24V DC	24V DC	
Output CC	350mA (2-32V DC)	350mA (21-126V DC)	500mA (21-86V DC)	350mA (21-64V DC)	
Dim	yes (100% → 25%)*	yes (100% → 10%)*	yes (100% → 10%)*	yes (100% → 10%)*	
Price €	11.00	25.90	25.90	25.90	

* Dimmable with PWM signal

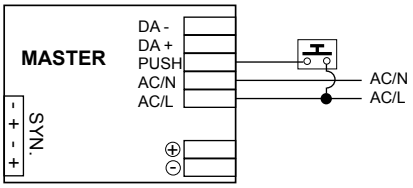
Installation with a DALI interface & push dimming function

10 drivers (max.) synchronization (1 master + 9 slaves)
Maximum length of the cable from first driver to last driver is 15 meter.

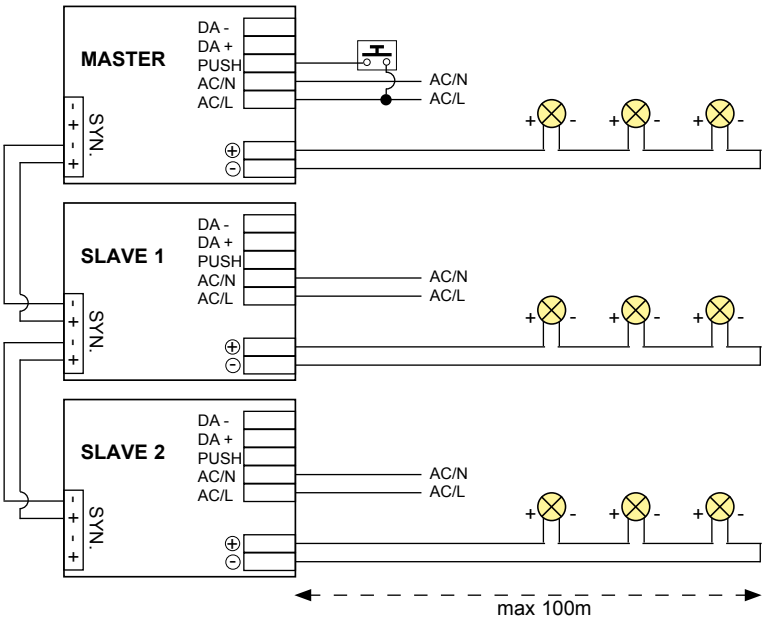
DALI interface



PUSH dim

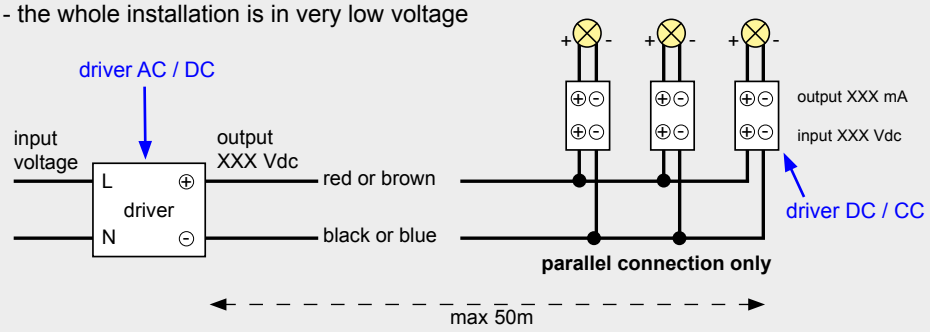


Warning: The push button can only be connected between the PUSH terminal and AC/L.
It would cause short circuit if it is connected to AC/N.

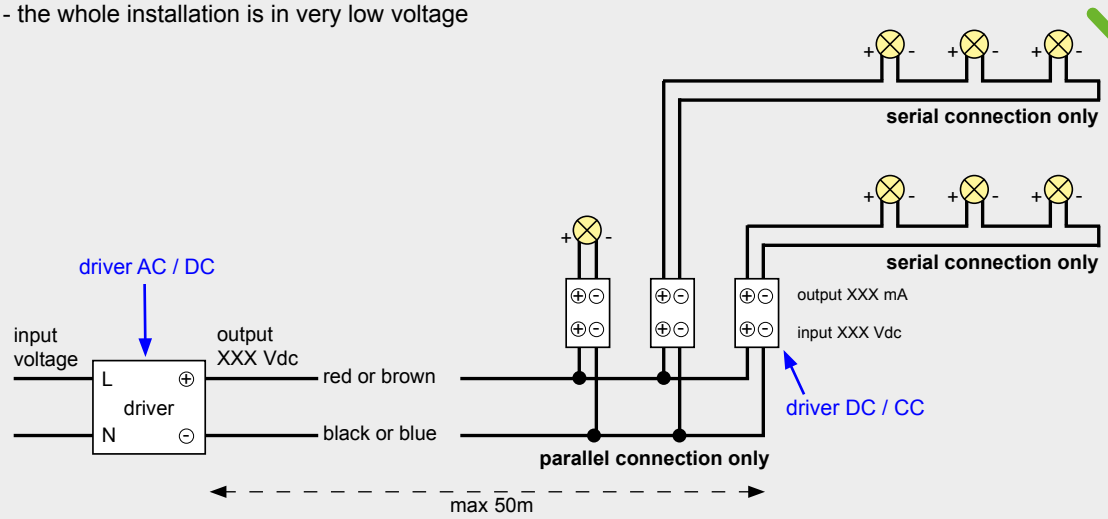


Installation with a Constant Voltage power supply

Advantages:
- a very small driver DC/CC per luminaire (with DRI.010)
- if one luminaire is defect, only this is off
- the whole installation is in very low voltage

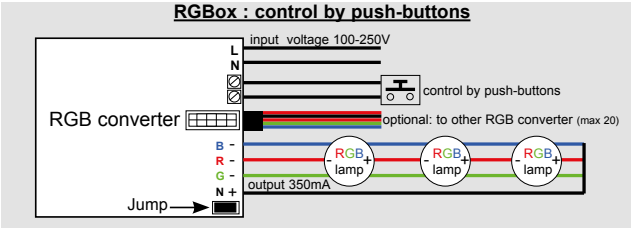


Advantages:
- the whole installation is in very low voltage

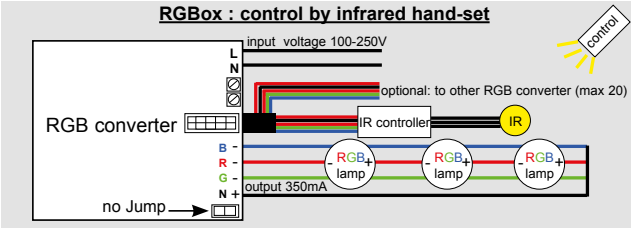


LED Power supply 350mA for RGB

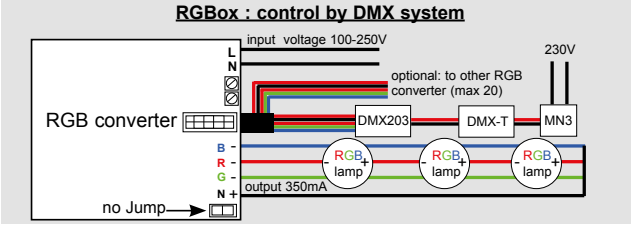
NAME	RGBox
CODE	**X041**
Information	input voltage: 100-250V 50/60Hz Constant output current 350mA CC output power : **35W** weight : 180g dimensions: 147x75x29mm CE - IP20 - Class 2 Thermal, overload and short circuit protection
Price €	89.00



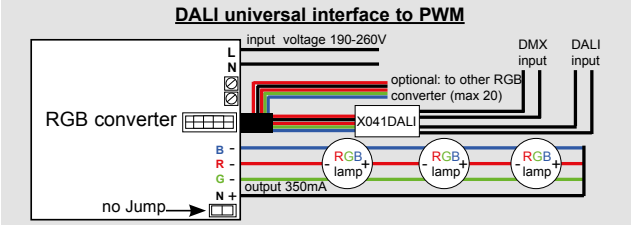
NAME	IR Control
CODE	**X041IR**
Information	**infrared control for RGBox (kit)** 9 fonctions distance : +/- 9m Remote control: 140 x 63 x 21 (IR2T) IR lens: Ø 35mm type MR11 (IR2R) IR controller: 118 x 33 x 19 (IRC2) IP20
Price €	115.00



NAME	DMX Touch Control
CODE	**X041DMX2**
Information	**DMX touch control for RGBox(kit)** DMX 512 central (DMX-T) + convertor (MN3) DMX 512 interface (DMX203) (convertor protocole DMX512 > PWM) Function: on/off & master dimmer all channels DMX-T: 120 x 85 x 25 DMX203: 110 x 70 x 23 IP20
Price €	339.00



NAME	DALI Driver
CODE	**X041DALI**
Information	**DALI (or DMX512) interface to use with RGBox** input voltage: 220-240V 50/60Hz from DALI (or DMX512) to PWM 5V weight : 95g dimensions: 110 x 70 x 23 CE - IP30 - Class 2
Price €	59.50



Max. distance driver LED

Driver constant current (350mA or 500mA)				
Distance	5 m	10 m	20 m	50m
Cable section	0,25 mm²	0,25 mm²	0,5 mm²	1,0 mm²

Driver constant current (700mA)				
Distance	5 m	10 m	20 m	50m
Cable section	0,5 mm²	0,5 mm²	1,0 mm²	2,5 mm²

Driver constant voltage (max. 70W - 24VDC)				
Distance	5 m	10 m	20 m	30m
Cable section	0,75 mm²	1 mm²	1,5 mm²	2,5 mm²

Driver constant voltage (max. 150W - 24VDC)				
Distance	5 m	10 m	20 m	30m
Cable section	1,5 mm²	2,5 mm²	4,0 mm²	4,0 mm²

Junction box and connector IP68

NAME	Connex 2	Connex 3	Connex 4
CODE	**X082**	**X082.Y**	**X083**
Information	connection with 3 poles Rated voltage: 250V Rated current: 10 A for cables Ø 5,8-13mm CE - IP68	3 lines connection Rated voltage: 250V Rated current: 10 A for cables Ø 6-11mm CE - IP68	connection box Fast repair of damaged cables for cables Ø 1-13mm CE - Class II - IP68
Dimensions (mm)	Ø 23 mm L68mm	110x60x30mm	63x41x28mm
Price €	16.00	24.00	12.00

NAME	Connex 5	Connex 6	KitBox IP68
CODE	**X131**	**X132**	**X121**
Information	Equipped with cable glands Pre-filled with non-toxic gel Complete with connector 2 poles Minimal aesthetic impact for cables Ø 6-10mm CE - IP68	Equipped with cable glands Pre-filled with non-toxic gel Complete with connector 3 poles Minimal aesthetic impact for cables Ø 8-13mm CE - IP68	Junction box - with 8 entries & 3 cable glands M25 x 1,5 / caps - with Single bicomponent bottle - with 1 small basin - 1 mixing spoon CE - Class II - IP68
Dimensions (mm)	75x28x19mm	80x36x23mm	100x100x50mm
Price €	12.50	14.50	49.50

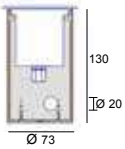
Recessed box

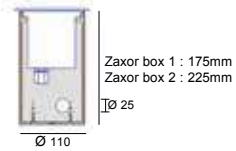
NAME	Pop 1a	Pop 1b	Pop 2	Pop 3	Pop 4a
CODE	**X016A**	**X016B**	**X017**	**X053**	**X066A**
Information	Plastic PVC tube	Plastic PVC tube	Plastic PVC tube	Plastic PVC tube	Galvanised tube
product available	Quadris, Ziko, Disco, Xeno	Xeno, Venus	Kara, Twist	Genesis, Krypto 1, Vigo	Zaxor Mini, Zaxor UX LED
Dimensions (mm)	Ø 55 mm L65mm	Ø 55 mm L150mm	Ø 100 mm L65mm	Ø 45 mm L55mm	Ø 70 mm L100mm
Price €	2.80	9.50	4.10	2.60	10.50

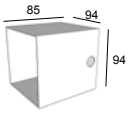
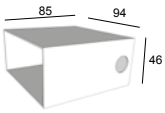
NAME	Pop 4b	Pop 5a	Pop 5b	Pop 6	Pop 7
CODE	**X066B**	**X055A**	**X055B**	**X056**	**X057**
Information	Galvanised tube	Plastic PVC tube	Plastic PVC tube	Plastic PVC tube	Plastic PVC tube
product available	Zaxor Mini, Zaxor UX LED	Zaxor LED, Zaxor LED-O, Zaxor GZ, Zaxor GZO	Zaxor LED, Zaxor LED-O, Zaxor 10°, Zaxor GZ, Zaxor GZO	Zaxor HPL, Bolas O HPL	Zaxor O HPL
Dimensions (mm)	Ø 70 mm L150mm	Ø 106 mm L117mm	Ø 106 mm L250mm	Ø 160 mm L150mm	Ø 200 mm L200mm
Price €	17.00	4.50	19.50	6.50	7.90

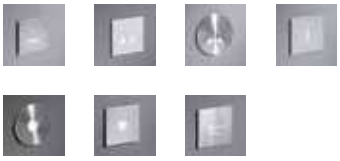
NAME	Pop 8a	Pop 8b	Pop 9a	Pop 9b
CODE	**X067A**	**X067B**	**X068A**	**X068B**
Information	Plastic PVC tube	Plastic PVC tube	Plastic PVC tube	Plastic PVC tube
product available	Bolas LED	Bolas HPL, Bolas, Bolas LED, Bolas VHX	Zona, Zona VHX, Faki K, Faki R, Tango K, Tango R, Aquadisc, Tekno	Zona, Zona VHX, Tango K, Tango R, Aquadisc
Dimensions (mm)	Ø 80 mm L80mm	Ø 80 mm L160mm	Ø 37 mm L47mm	Ø 37 mm L150mm
Price €	6.90	8.00	0.90	7.90

Recessed box

NAME	Z-Mini box
CODE	**230.11.32**
Dimensions (mm) product available	 Zaxor Mini Zaxor UX LED
Material	Made of anodised aluminum
Price €	59.00

NAME	Zaxor box 1	Zaxor box 2
CODE	**230.00.32**	**230.02.32**
Dimensions (mm) product available	 Zaxor 10° Zaxor GZ Zaxor GZO
Material	Made of anodised aluminum	
Price €	89.00	99.00

NAME	Krypto box 2	Krypto box 3	
CODE	**X064**	**X065**	
Dimensions (mm)	 Krypto 2	 Krypto 3	
Material	Made of galvanised steel	Made of galvanised steel	
Price €	13.90	12.00	

NAME	Standard Box 1	Standard Box 2	
CODE	**SB01**	**SB02**	
Dimensions (mm)	72x72x65mm	∅ 67 mm Ø 70 mm L65mm	Yorka A / B / C / D / E / F / G  Hydro
Material	Plastic	Plastic	
Price €	on request	on request	

ACCESSORIES

A

Floodlights fixing system

NAME	Stem A
CODE	**TI._ _ _.M10A._ _**
Information	Ø 10 mm Height: 100 / 200 / 500 / 1000mm To use with fixing system: Base 60-A Base 60-B Base 100-A Base Strap Spike 1 To use with floodlight: Cylinder S Eco Kozi S Maxima 50 Maxima 65 Maxima 100 Maxima GU Salsa Saturn HPL Saturn Led Zita S
Material	Made of stainless steel, anodised clear and black aluminum, brass or copper

Stem A

Reference	Price €
TI.010.M10A.02A/04/32	19.00
TI.010.M10A.07	21.50
TI.010.M10A.21	21.50
TI.020.M10A.02A/04/32	22.50
TI.020.M10A.07	25.50
TI.020.M10A.21	25.50
TI.050.M10A.02A/04/32	25.50
TI.050.M10A.07	35.00
TI.050.M10A.21	43.50
TI.100.M10A.02A/04/32	36.50
TI.100.M10A.07	49.00
TI.100.M10A.21	67.50

NAME	Stem B
CODE	**TI._ _ _.SPK._ _**
Information	Ø 10 mm with spike for ground fixing Height: 100 / 200 / 500 / 1000mm To use with floodlight: Cylinder S Eco Kozi S Maxima 50 Maxima 65 Maxima 100 Maxima GU Salsa Saturn HPL Saturn Led Zita S
Material	Made of stainless steel, anodised clear and black aluminum, brass or copper

Stem B

Reference	Price €
TI.010.SPK.02A/04/32	19.00
TI.010.SPK.07	21.50
TI.010.SPK.21	21.50
TI.020.SPK.02A/04/32	22.50
TI.020.SPK.07	25.50
TI.020.SPK.21	25.50
TI.050.SPK.02A/04/32	25.50
TI.050.SPK.07	35.00
TI.050.SPK.21	43.50
TI.100.SPK.02A/04/32	36.50
TI.100.SPK.07	49.00
TI.100.SPK.21	67.50

NAME	Base 60-A	Base 100-A	Base 60-B	Salsa Base
CODE	**BASE.060A._ _**	**BASE.100A._ _**	**BASE.060B._ _**	**AC.8091._ _**
Dimensions (mm)	Ø 60 mm Height: 5mm With M10	Ø 100 mm Height: 5mm With M10	Ø 60 mm Height: 40mm With M10, to use “Stern A” With cable gland Can be used directly with: Cylinder S, Kozi S, Zita S, Saturn Led & HPL CE - IP65	Ø 60 mm Height: 45mm to use with “Salsa” CE - IP65
Material	Made of stainless steel, anodised aluminum, brass or copper	Made of stainless steel or anodised black aluminum	Made of stainless steel, anodised aluminum, brass or copper	Made of brass or anodised black aluminum

Base 60-A

Reference	Price €
BASE.060A.02A	23.50
BASE.060A.04	25.50
BASE.060A.07	32.00
BASE.060A.21	37.00
BASE.060A.32	23.50

Base 100-A

Reference	Price €
BASE.100A.02A	34.50
BASE.100A.04	36.50

Base 60-B

Reference	Price €
BASE.060B.02A	65.00
BASE.060B.04	72.50
BASE.060B.07	89.00
BASE.060B.21	119.00
BASE.060B.32	65.00

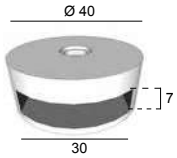
Salsa base

Reference	Price €
AC.8091.02A	65.50
AC.8091.07	122.00

Floodlights fixing system

- Strap not included
- Sangle non incluse
- Strap niet inbegrepen
- Gurt nicht im Lieferumfang enthalten

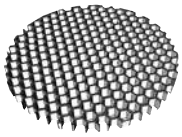
NAME	Base Strap
CODE	**BASE.060A._ _**
Dimensions (mm)	Ø 40 mm Height: 15mm With M10, to use "Stern A"
Material	Made of anodised black aluminum



Base Strap

Reference	Price €
AC.FX01.02A	39.50

Anti-glare



NAME	Louver	Anti-glare 01	Anti-glare 02
CODE	**X060. _ _ _.3**	**AC.8042.AG._ _**	**AC.7001.AG._ _**
Dimensions (mm)	Anti -Glare honeycomb	Ø 40 mm Height: 50mm To use with floodligt: - Kozi S	Ø 65 mm Height: 85mm To use with floodligt: - Cylinder S - Maxima-GU - Max TR - Rotor mini
Material	Aluminum 3,2mm thikness	Made of anodised black aluminum, stainless steel, brass or copper.	Made of anodised clear and black aluminum.

Reference	Price €
X060.021.3	12.50
X060.043.3	12.50
X060.050.3	12.50
X060.064.3	13.50
X060.068.3	13.50
X060.082.3	15.90

Anti-glare 01

Reference	Price €
AC.8042.AG.02A	16.00
AC.8042.AG.04	16.00
AC.8042.AG.07	39.50
AC.8042.AG.21	51.50

Anti-glare 02

Reference	Price €
AC.7001.AG.02A	28.00
AC.7001.AG.32	28.00

NAME	Anti-glare 03	Anti-glare 04	Anti-glare 05	Anti-glare 06
CODE	**AC.7002.AG._ _**	**AC.7003.AG._ _**	**AC.8002.AG._ _**	**AC.8029.AG._ _**
Dimensions (mm)	Ø 70 mm Height: 85mm To use with floodligt: - Maxima-65	Ø 110 mm Height: 130mm To use with floodligt: - Maxima-100	Ø 50 mm Height: 70mm To use with floodligt: - Prince S	Ø 80 mm Height: 100mm To use with floodligt: - Saturn Led - Saturn HP-Led
Material	Made of anodised clear and black aluminum.	Made of anodised clear and black aluminum.	Made of anodised black aluminum or stainless steel.	Made of anodised clear and black aluminum.

Anti-glare 03

Reference	Price €
AC.7002.AG.02A	29.50
AC.7002.AG.32	29.50

Anti-glare 04

Reference	Price €
AC.7003.AG.02A	44.00
AC.7003.AG.32	44.00

Anti-glare 05

Reference	Price €
AC.8002.AG.02A	19.50
AC.8002.AG.04	32.00

Anti-glare 06

Reference	Price €
AC.8029.AG.02A	34.00
AC.8029.AG.32	34.00

Lenses

NAME	Lens 01	Lens 02	Lens 03	Lens 04
CODE	**AC.8041.32**	**AC.7012.1._ _**	**AC.7002.LS._ _**	**AC.7003.LS._ _**
Dimensions (mm)	Lens 10° Ø 46 mm Height: 16mm To use with : - Koba - Mask - Maxima-50 - Micro - Okio	Lens 30° to 5° (adjustable) Ø 65 mm Height: 59mm To use with : - Wally-XL	Lens 10° Ø 60 mm Height: 24mm To use with : - Maxima-65	Lens 10° Ø 92 mm Height: 25mm To use with : - Maxima-100
Material	Made of anodised aluminum	Made of anodised clear and black aluminum.	Made of stainless steel, anodised clear and black aluminum or brass	Made of anodised clear and black aluminum.

Lens 01

Reference	Price €
AC.8041.32	33.50

Lens 02

Reference	Price €
AC.7012.1.02A	79.00
AC.7012.1.32	79.00

Lens 03

Reference	Price €
AC.7002.LS.02A	55.00
AC.7002.LS.04	62.00
AC.7002.LS.07	62.00
AC.7002.LS.32	55.00

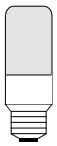
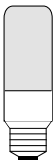
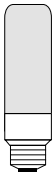
Lens 04

Reference	Price €
AC.7003.LS.02A	69.50
AC.7003.LS.32	69.50

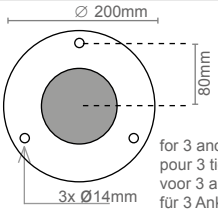
Cables

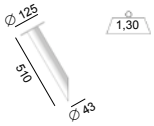
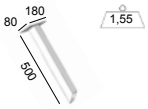
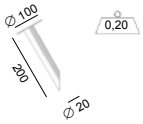
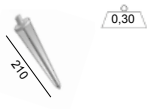
NAME	Cable 01	Cable 03	Cable 04	
CODE	**SUP.001**	**SUP.003**	**SUP.004**	
Dimensions (mm)	Extra cable 1 meter Rubber PCP (polychloroprene) Type: H05RN-F **2 x 0,50mm²** maximum 48V diameter: 5,9mm	Extra cable 1 meter Rubber PCP (polychloroprene) Type: H05RN-F **3 x 1,00mm²** maximum 300V 50-60Hz diameter: 7,2mm	cable 3 meters + plug IP44 Rubber PCP (polychloroprene) Type: H05RN-F **3 x 1,00mm²** 220-240V 50-60Hz diameter: 7,2mm	
Price €	3.80	4.90	14.90	

Led lamp E27

				
NAME	LED E27 10W	LED E27 16W	LED E27 13W	LED E27 15W
CODE	**LED.E201.10830**	**LED.E203.16830**	**LED.E204.13830**	**LED.E202.15830**
Dimensions (mm)	LED lamp E27 3000K - CRI >80 **10W** - 810 lumens 100-240V 50/60Hz Energy class EC: A+ diameter: 37mm Height: 116mm	LED lamp E27 3000K - CRI >80 **16W** - 1521 lumens 100-240V 50/60Hz Energy class EC: A+ diameter: 45mm Height: 136mm	LED lamp E27 3000K - CRI >80 **13W** - 1500 lumens 220-240V 50/60Hz Energy class EC: A+ diameter: 38mm Height: 150mm	LED lamp E27 3000K - CRI >80 **15W** - 1450 lumens 220-240V 50/60Hz Energy class EC: A+ diameter: 42mm Height: 172mm
Price €	9.90	19.90	67.00	55.00

Ground fixing system

NAME	Stic	Spike 1
CODE	**X004._ _**	**AC.FX12.30.04**
Dimensions (mm)	 Ø 200 mm Height: 5mm for 3 anchor bolts M10 (not supplied) pour 3 tiges de scellement M10 (non fournies) voor 3 ankerbouten M10 (niet meegeleverd) für 3 Ankerschrauben M10 (nicht enthalten)	Ø 12 mm Height: 300mm With M10, to use also with “Stern A” Can be used directly with floodlights: - Cylinder S - Eco 1A & 1C - Salsa - Saturn LED & HPL
Material	Made of stainless steel, anodised aluminum or painted aluminum	Made of stainless steel
Price €	104.00	18.00

NAME	Pic 1	Pic 2	Pic 3	Ecopic
CODE	**802.00.02**	**803.00.02**	**804.00.32**	**805.00.07**
Dimensions (mm)				
Material	Made of galvanised steel	Made of galvanised steel	Made of anodised aluminum	Made of brass
Price €	49.00	49.00	59.00	16.50

Other

NAME	Poli inox				
CODE	**IN 880**				
Dimensions (mm)	Universal cleaner cream for stainless steel. 500ml				
Material					
Price €	24.90				

INFORMATION

IP DEGREE OF PROTECTION

FIRST DIGIT CODE:
Protection against penetration by solid bodies
Beschermd tegen voorwerpen
Protection contre les corps solides
Schutz vor festen Stoffen
IP 1ο ΨΗΦΙΟ (ΣΤΕΡΕΑ)

0
No protection
Niet beschermd
Non Protégé
Ohne Schutz
Καμία προστασία

1
Protected against solid matters > 50mm
Beschermd tegen voorwerpen > 50mm
Protégé contre les corps solides > 50mm
Schutz vor festen Stoffen > 50mm
Προστασία από στερεά σώματα μεγαλύτερα από 50mm

2
Protected against solid matters > 12mm
Beschermd tegen voorwerpen > 12mm
Protégé contre les corps solides > 12mm
Schutz vor festen Stoffen > 12mm
Προστασία από στερεά σώματα μεγαλύτερα από 12mm

3
Protected against solid matters > 2,5mm
Beschermd tegen voorwerpen > 2,5mm
Protégé contre les corps solides > 2,5mm
Schutz vor festen Stoffen > 2,5mm
Προστασία από στερεά σώματα μεγαλύτερα από 2,5mm

4
Protected against solid matters > 1mm
Beschermd tegen voorwerpen > 1mm
Protégé contre les corps solides > 1mm
Schutz vor festen Stoffen > 1mm
Προστασία από στερεά σώματα μεγαλύτερα από 1mm

5
Dust Protected
Beschermd tegen stof
Protégé contre la poussière
Staubgeschützt
Προστασία από τη σκόνη

6
Fully tight
Volledig stofdicht
Etanche aux poussières
Staubdicht
Απόλυτη προστασία από τη σκόνη

SECOND DIGIT CODE:
Protection against penetration by water
Beschermd tegen vocht
Protection contre l'humidité
Schutz vor Feuchtigkeit
IP 2ο ΨΗΦΙΟ (ΝΕΡΟ)

0
No protection
Niet beschermd
Non Protégé
Ohne Schutz
Καμία προστασία

1
Protected against dripping water
Beschermd tegen verticaal vallende druppels
Protégé contre chute de gouttes d'eau verticale
Schutz vor senkrecht fallendem Tropfwasser
Προστασία από κάθετη πτώση σταγόνων νερού

2
Protected against dripping water when tilted up to 15°
Beschermd tegen druppels onder hoek van max. 15°
Protégé contre chute d'eau oblique max. 15°
Schutz vor schräg fallendem Tropfwasser bis 15° Neigung
Προστασία από πτώση σταγόνων νερού υπό γωνία ως 15ο από τον κατακόρυφο άξονα

3
Protected against spraying water when tilted up to 60°
Beschermd tegen sproeiwater onder hoek van max. 60°
Protégé contre la pluie oblique max. 60°
Schutz vor schräg fallendem Sprühwasser bis 60° Neigung
Προστασία από πτώση νερού βροχής υπό γωνία έως 60ο από τον κατακόρυφο άξονα

4
Protected against splashing water
Beschermd tegen spatwater uit alle richtingen
Protégé contre les projections d'eau de toutes directions
Schutz vor Spritzwasser
Προστασία από πτώση νερού από όλες τις κατευθύνσεις

5
Protected against water jets
Beschermd tegen waterstralen uit alle richtingen
Protégé contre les jets d'eau de toutes directions
Schutz vor Strahlwasser
Προστασία από ρίψη νερού υπό πίεση από όλες τις κατευθύνσεις

6
Protected against heavy seas
Beschermd tegen golven, zware zeeën
Protection contre les jets d'eau forts
Schutz vor starkem Strahlwasser
Προστασία από ρίψη νερού υπό πίεση ισοδύναμη με θαλάσσια κύματα

7
Protected against the effects of immersion
Beschermd tegen beperkte onderdompeling
Protection contre courtes immersions
Schutz vor zeitweiligem Untertauchen
Προστασία από επιρροές βύθισης

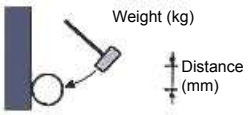
8
Protected against submersion
Beschermd tegen permanente onderdompeling
Protection contre l'immersion permanente
Schutz vor dauerndem Untertauchen
Προστασία από επιρροές βύθισης διάρκειας, σε καθορισμένες συνθήκες

CONFORMING STANDARD OPERATING UNDERWATER
APPROVED UNDER WATER
MAXIMUM
30 V-DC
with constant current

Maximum 12VAC ,18VDC or 30VDC with Constant current.

- Underwater lighting fixtures can be powered only at very low safety voltage.
- De verlichtingstoestellen gebruikt in een zwembad of waterpartij mogen enkel met een zeer lage veiligheid spanning gevoed worden.
- Les luminaires à l'intérieur d'un bassin ne peuvent être alimentés qu'en très basse tension de sécurité.
- Unterwasserleuchten können nur mit sehr niedriger Sicherheitsspannung betrieben werden.
- Τα υποβρύχια φωτιστικά μπορούν να τροφοδοτούνται μόνο με πολύ χαμηλή τάση ασφαλείας.

IK DEGREE OF PROTECTION



Protection against impact of mechanical origin
Bescherming tegen de invloed van mechanische oorsprong
Protection contre les chocs d'origine mécanique
Schutz vor Stromschlägen mechanischen Ursprungs
Ανθεκτικότητα στην κρούση

IK	00	01	02	03	04	05	06	07	08	09	10
Joule (J)	**0**	**0,15**	**0,20**	**0,37**	**0,50**	**0,70**	**1**	**2**	**5**	**10**	**20**
Weight (kg)	0	0,15	0,15	0,15	0,25	0,15	0,50	0,50	1,70	5,00	5,00
Distance (mm)	0	100	133	233	333	485	200	400	300	200	400

CLASS I - CLASSE I - SCHUTZKLASSE I

- Light fixture whose safety is guaranteed by the main insulation and an additional protective conductor (earth contact) connected with the metal frame of the lamp. Earth contact is obligatory.
- Deze armaturen zijn uitgerust met aansluitmogelijkheid voor aarding, waarmee alle aanraakbare metalen delen die bij een isolatiestoring direct onder spanning kunnen komen, moeten verbonden zijn. Aansluiting aan de aardleiding is verplicht.
- Les luminaires sont équipés d'un moyen de raccordement pour la mise à la terre, qui interconnecte toutes les parties métalliques exposées susceptibles d'être mises sous tension suite à un défaut de l'isolation. Le raccordement de mise à la terre est obligatoire. En cas de défectuosité, le courant est coupé par fusible.
- Die Leuchten sind mit Verkabelungen für den Erdanschluß ausgestattet, die alle ausgelegten metallischen Bestandteile miteinander vernetzen, welche im Falle einer Isolationspanne mit Strom versorgt werden können. Die Erdanschlußverkabelungen sind obligatorisch. Im Falle eines Defektes, wird der Strom durch eine Sicherung abgestellt.
- Ένα φωτιστικό, του οποίου η ασφάλεια είναι εγγυημένη από ένα πρόσθετο προστατευτικό αγωγό (γείωση), που συνδέεται με το μεταλλικό πλαίσιο του λαμπτήρα.

CLASS II - CLASSE II - SCHUTZKLASSE II

- Light fixture whose safety is guaranteed by the main insulation and additional safety devices as double or reinforced insulation of conductive parts. Earth contact is not necessary.
- Deze armaturen hebben een beschermende isolatie zonder metaaldelen die genaakbaar zijn. Dubbele isolatie zonder aarding.
- Les luminaires possèdent une isolation renforcée sans partie métallique accessible. Double isolation sans mise à la terre.
- Die Leuchten besitzen eine verstärkte Isolierung ohne metallische Bestandteile. Doppelte Isolierung ohne Erdanschluß.
- Ένα φωτιστικό, του οποίου η ασφάλεια είναι εγγυημένη από ένα πρόσθετο προστατευτικό αγωγό (γείωση), που συνδέεται με το μεταλλικό πλαίσιο του λαμπτήρα.

CLASS III - CLASSE III - SCHUTZKLASSE III

- Light fittings whose safety is guaranteed by the very low safety supply voltage. Authorized maximal voltage: 50 volts (AC)
- Deze armaturen waarin de bescherming tegen elektrische schokken beschermt word door zijn lage spanning (SELV) (Maximale spanning 50volt (AC).
- Luminaire dont la protection contre les chocs électriques repose sur son alimentation sous très basse tension de sécurité (TBTS) (tension maximale autorisée : 50 Volts (courant alternatif)).
- Leuchten deren Schutz vor Stromschlägen auf eine sehr niedrige, abgesicherte Stromspannung beruht. (Max. erlaubte Spannung: 50 Volts Wechselstrom). Ένα φωτιστικό, του οποίου η ασφάλεια είναι εγγυημένη από ένα πρόσθετο προστατευτικό αγωγό (γείωση), που συνδέεται με το μεταλλικό πλαίσιο του λαμπτήρα.

CE

CE standard - CE norm - norme CE

- The mark CE represents an implicit assurance of quality and affixed under the sole responsability of the manufacturer. The mark CE must be affixed on the product, or in alternative, on the packing or on directions.
- De CE markering waarborgt een stilzwijgende kwaliteitsgarantie en wordt aangebracht onder uitdrukkelijke verantwoordelijkheid van de fabrikant. De CE markering wordt aangebracht op het toestel of als alternatief op de verpakking of de gebruiksaanwijzing.
- La marque CE représente une implicite assurance de qualité et est apposée sous la responsabilité exclusive du fabriquant. La marque CE doit être apposée sur l'appareil, ou en alternative, sur l'emballage ou sur les modes d'emploi.
- Das CE-Zeichen verkörpert eine klare Sicherung der Qualität und wird auf ausschliessliche Verantwortung des Herstellers angebracht. Das CE-Zeichen muss auf dem Produkt, auf der Werpackung oder auf der Gebrauchsanweisung angebracht werden.
- Η σήμανση CE αποτελεί μια έμμεση διασφάλιση της ποιότητας και τίθεται υπό την αποκλειστική ευθύνη του κατασκευαστή.

AANBEVELINGEN VOOR EXTERNE KABEL AANSLUITING

De grondspots.

DE AANSLUITING

De toestellen dienen geplaatst en aangesloten te worden door een gekwalificeerde installateur.
Om uw grondspots te laten functioneren dienen deze aan het net aangesloten te worden.
Deze aansluiting dient met een grote bescherming tegen vochtigheid te gebeuren, beschreven als IP waarde(International Protection) van het toestel.
Deze waarde word aangegeven door twee cijfers : het eerste cijfer geeft de bescherming tegen vaste voorwerpen, het tweede cijfer geeft aan in welke mate het toestel beschermd is tegen water.

De grondspots zijn veel onderworpen aan het slechte weer, een goede aansluiting is dus van groot belang.
- Kies voor een aansluiting met IP68 waarde.
- De waterdichtheid maken op de volledige kabel en niet alleen op de draden.
- Gebruik een inbouw behuizing als de spots in de grond geplaatst worden.

Te vermijden fouten :
- Gebruik van connectoren met een IP20 waarde zonder giethars (foto 1) of plakband (foto 2).
- De waterdichte verbinding is niet gebeurd op de kabelmantel maar enkel op de stroom draden(foto 3 en 4).
- Het opgiethars of de gel is niet goed gelopen (foto 5).

Een slechte waterdichte verbinding, zelf gedeeltelijk zal ervoor zorgen dat er waterinfiltratie in het toestel zal zijn via de kabelmantel.
Dit fenomeen van waterinfiltratie via de kabelmantel « capillariteit » genoemd zal ervoor zorgen dat bepaalde onderdelen niet meer normaal zullen functioneren.

1

2

3

4

5

AFTAKDOOS IP68

De beste en meest efficiënte manier van een ondergrondse verbinding te maken is door gebruik te maken van een aftakdoos IP 68 die opgegoten is met giethars of met 2 componenten isolerende gel.
Dit giethars bestaande uit twee componenten zorgt ervoor dat de verbinding en uw spot volledig beschermd zal zijn tegen vocht.

Een andere mogelijkheid is van gebruik te maken van waterdichte connectoren met wartels.
Maar deze verbinding geeft minder zekerheid daar waterinfiltratie niet onmogelijk is.

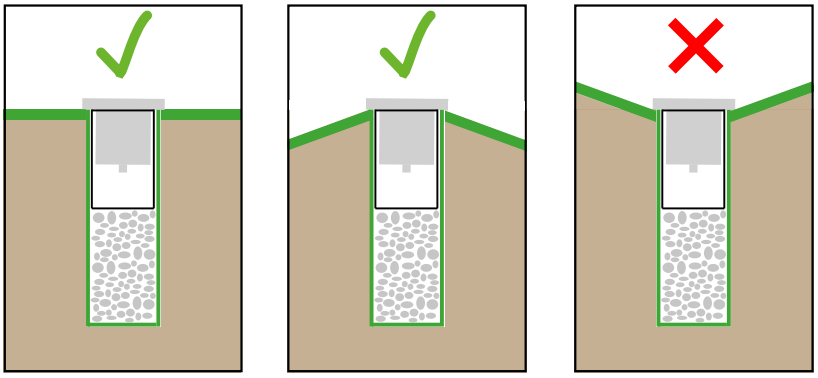
Eens u de aansluiting in uw aansluitdoos heeft verricht en enkele malen de spots getest heeft of deze werken kan je de aansluitdoos opgieten met giethars. Vergeet zeker niet deze test eerst uit te voeren daar eens het giethars in de aansluitdoos gelopen is er geen weg terug meer is voor deze aansluiting.

WATERDICHTE CONNECTOR

Deze connector met wartels word gebruikt in inbouwpotten of onder houten terrassen om een waterdichte verbinding IP68 te maken. Op deze manier kan men 2 of 3 soepele rubberkabels type H07RN-F of gelijkaardig met elkaar verbinden. Het enige voordeel bij gebruik van dit type verbinding is dat ze steeds demonteerbaar blijft.

PLAATSING

De grondspot met een waarde minder dan IP68 mag nooit in een kuil geplaatst worden, plaatst deze toestellen altijd op een vlak of verhoogt oppervlak.



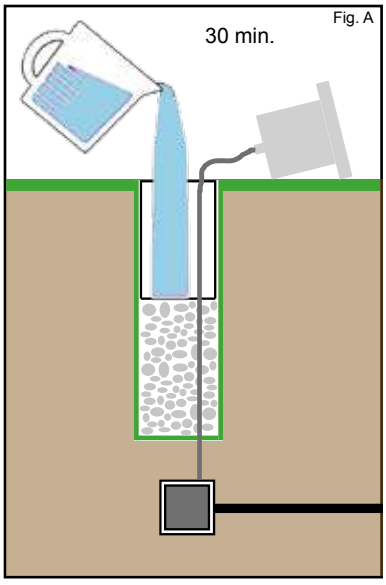
DE DRAINAGE

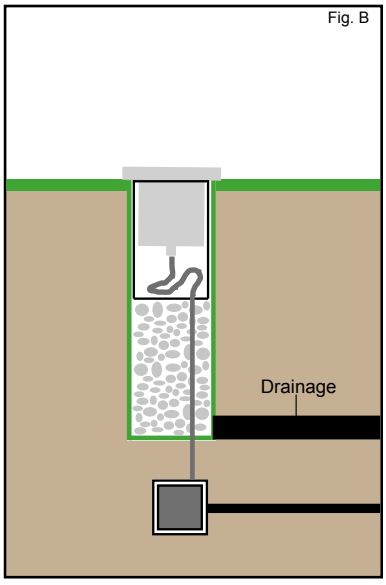
Toestellen met een IP68 waarde:

Een drainage bij deze toestellen is niet nodig, wel moet men rekening houden dat deze toestellen gebouwd zijn om constant onderwater gebruikt te worden in natuurlijk water. Deze toestellen zijn niet gemaakt voor gebruik te worden in chloor, zout water of andere agressieve omgevingen.

Toestellen met een IP67 waarde:

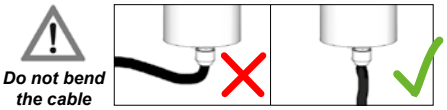
Voor een goede drainage gelieve een laag kiezel van minimaal 30cm diepte te voorzien onder te inbouwpot van de grondspot.
We stellen u voor volgende test te doen: Vul de inbouwpot met water (Fig.A) met de zekerheid dat het water allemaal weg is na 30min. Is dit niet het geval dan dient u voor een extra drainage te zorgen. (Fig.B)



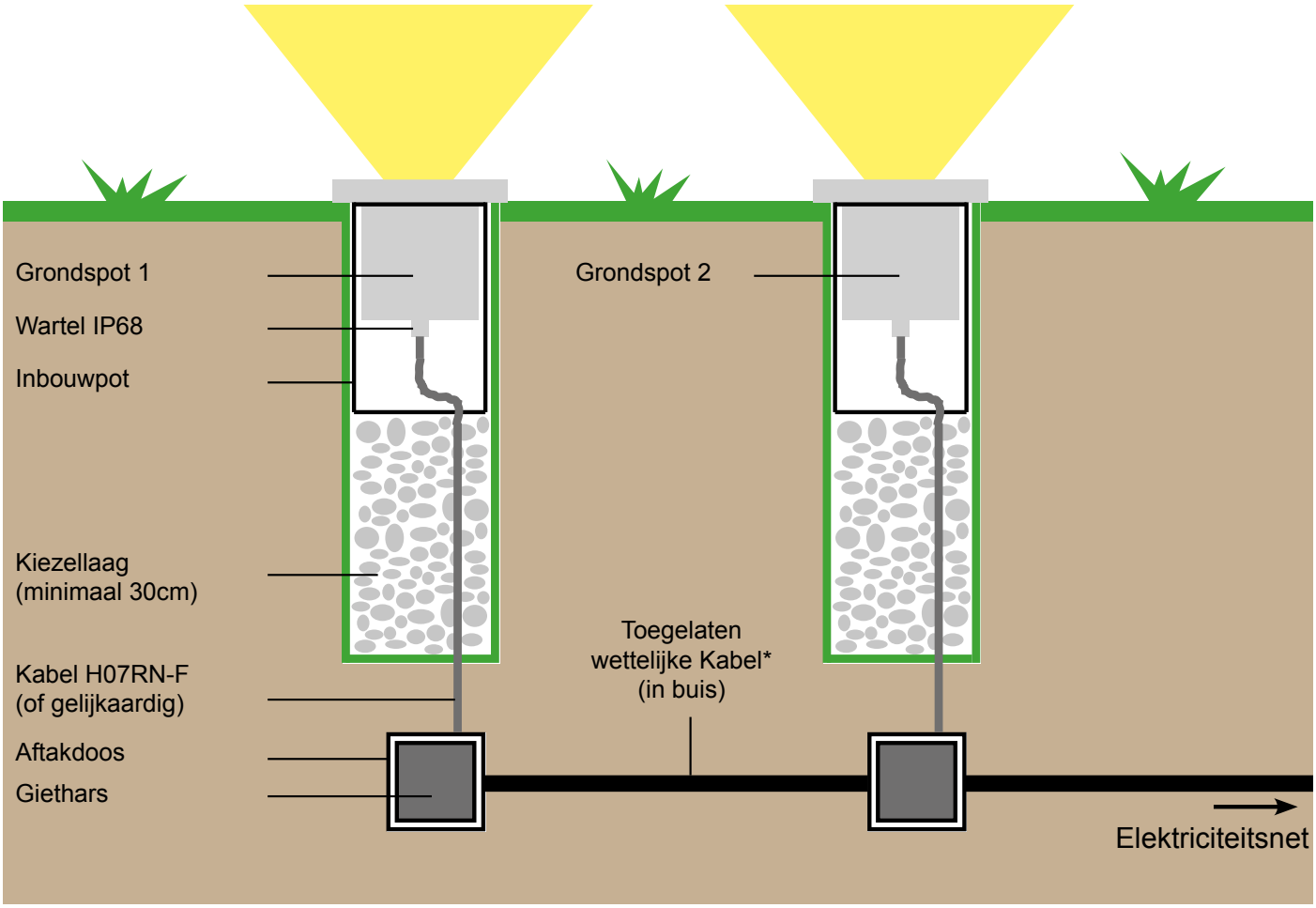


BELANGRIJK

Om een goede waterdichtheid IP68 te hebben aan de wartel dient u ervoor te zorgen dat de kabel lang genoeg is en niet gebroken word aan de uitgang van de wartel.



VOORBELD VAN EEN AANSLUITING



* zie plaatselijke voorschriften

DE KABEL

Voor een waterdichte verbinding te garanderen met de connector of een waterdichte aftakdoos dient u gebruikt te maken van een soepele rubberkabel van het type H07RN-F of gelijkaardig. Een soepele rubber kabel is veel beter omdat de kabelmantel ook dient als extra afdichting als de wartel in de grondspot word vastgedraaid.
Actueel is de kabel reeds vast aangesloten aan de grondspot bij levering, u dient dus geen kabel aan te kopen.
Opgelet: Verwijderd nooit de kabel die bij de productie eraan geplaats geweest is.
Doe je dit wel verlies je de garantie.

KABELDIEPTE VAN HET ELEKTRICITEITSNET

Eerst en vooral dient men de landelijke voorschriften op te volgen.
Hierbij onze aanbevelingen:

- Voor een omgeving waar geen voertuigen rijden:

Moeten de verbindingskabels minimaal 50 cm onder de grond zitten.

- Voor een omgeving waar wel voertuigen rijden en onder voetpaden:

Moeten de verbindingskabels minimaal 80 cm onder de grond zitten.

De kabels moeten onder de grond in een wachtbuis geplaatst worden van het type TPC, dit zijn buizen vervaardigd uit polyethyleen. De gladde binnenwand van de buis garandeert een snelle en efficiënte doorvoering van kabels. Tegelijkertijd zorgt de geribbelde buitenzijde van de buis voor stevigheid en flexibiliteit. Het resultaat van dit dubbelwandige concept is een sterke robuuste en schokbestendig buis, die licht van gewicht is en relatief buigzaam.
Bij het dichtleggen van de gegraven kanalen waarin deze buis zich bevind dient men gebruik te maken van grond of zand waarin geen keien of harde voorwerpen zitten daar deze de beschermbuizen nutteloos zouden kunnen beschadigen.

INTEGRATIE IN EEN PLANKENVLOER OF HOUTEN TERRAS

De te voorziene inbouwopening zal gebeuren op basis van de opgegeven diameter (zie product fiche, bijgeleverde nota, enz….).
Er dient voldoende diepte te zijn onder de vloer zodat de toestellen kunnen ingebouwd worden en dat er een waterdichte verbinding kan plaats vinden. Men dient er ook rekening met te houden dat er onder de grondspot voldoende vrije ruimte is waar geen water kan blijven staan en dat de kabel aan de warteluitgang niet “gebroken” word. Zo dit niet is dient er een drainage voorzien te worden.

CONDENSATIE VORMING

Bij uitzondering te wijten aan een slechte verbinding is condensatie vorming een normaal natuur fenomeen. De belangrijkste reden van deze condensatie vorming is de plaatsing van de toestellen in een vochtige omgeving. De toestellen zijn zo waterdicht dat eens het verzadiging punt bereikt word er onmiddellijk condensatie gevormd word. Van zodra er warme vochtige lucht in contact komt met een koude externe temperatuur zal de warme vochtige lucht die zich binnenin het toestel bevind condenseren. Als het water verdampt geeft men vorming van stoom die storingen kan geven aan bepaalde elektrische componenten in het toestel. Zelden kan hierdoor ook de verliesstroomschakelaar uitvallen.

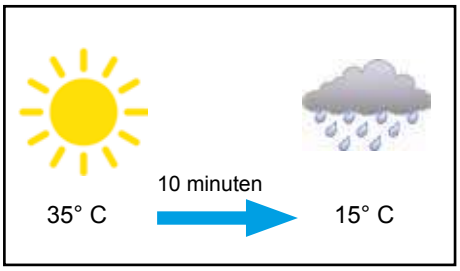
Een snelle wijziging in temperatuur gaat ook gepaard met een verandering in druk dat kan leiden tot condensatie vorming.
Druk, temperatuur en vochtigheid in de lucht veranderen constant en dat mag niet vergeten worden. Ongeacht de waterdichtheid van de toestellen leidt dit tot verschillen in drukvoorwaarden tussen de behuizing binnenin het toestel en de omgeving waardoor de getransporteerde lucht in het toestel condenseert.

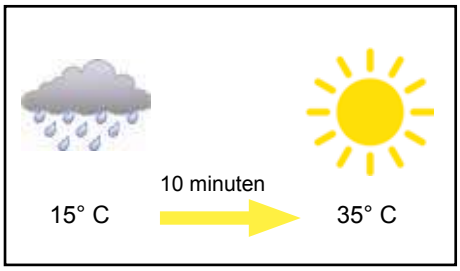
De garantie van Bel Lighting dekt geen condensatie tenzij bewezen kan worden dat het binnendringen van water ten gevolge een productie fout is.
Bij condensatie dient u volgende actie te ondernemen :
- Is het toestel goed geïnstalleerd geweest ?
- Zijn de dichtingen waterdicht en zijn de vijzen en het glas voldoende aangetrokken ?
- Indien het verlichtingspalen zijn, bestaat de mogelijk dat de vochtigheid uit de grond verantwoordelijk is voor de vorming van condensatie.

Op een groot deel van onze verlichtingspalen of wandtoestellen maken we gebruik van “fijn gezandstraald” glas, wat als nadeel heeft dat bij condensvorming de druppels water beter zichtbaar zijn omdat het glas doorzichtig word (zie foto).

Het word aangeraden bij installatie:
- De plaatsing en de bekabeling uit te voeren bij zeer droog weer
- Alle dichtingen, vast te zetten delen en de wartels te controleren
- Goed de voorschriften voor buiten aansluitingen te respecteren

Bij twijfel neem contact met een professioneel installateur.





ONDERHOUD

Een regelmatige reiniging met voorgeschreven producten word aangeraden om de uitstraling van de oppervlakte van de toestellen als nieuw te behouden. Nooit agressieve reinigingsproducten of chemische oplosmiddelen gebruiken die het oppervlakte van de toestellen zou kunnen schaden. We adviseren het gebruik van een gewone vochtige doek (microfiber bij voorkeur) of zeemleer en het product door ons voorgeschreven “POLI INOX” om zowel Inox (RVS) als koper en messing te reinigen en te onderhouden.

Indien u volgende zaken vaststelt bij onderhoud:
- Een gebroken beschermglas, gebarsten of losgekomen
- Een beschadigde voedingskabel
- Een beschadigde dichtingsring

Dan is het toestel niet meer bruikbaar en dienen de beschadigde onderdelen vervangen en hersteld te worden door originele vervangonderdelen.

Voorbeeld van toestellen voor en na reiniging met “POLI INOX” van ons.

INOX 304L
Voor reiniging

INOX 304L
Na reiniging

INOX 316L

MESSING

POLI INOX

RECOMMANDATIONS POUR LE CABLAGE EN EXTERIEUR

Les encastrés de sol.

LE RACCORDEMENT

Les luminaires doivent être installés et connectés par un technicien qualifié.
Pour que vos encastrés de sol puissent fonctionner, vous devez naturellement les raccorder au réseau électrique.
Ce raccordement doit faire l'objet d'une grande protection contre l'humidité, précisé par la valeur IP (International Protection) du produit. Cette valeur comprend deux chiffres : le premier chiffre désigne la protection contre les objets solides et le second chiffre la protection contre l'eau et l'humidité.

Les encastrés de sol sont souvent installés dans des lieux soumis aux intempéries, il est donc impératif :
- D'opter pour une solution de raccordement avec un indice IP68.
- De faire l'étanchéité sur la gaine du câble et non sur les conducteurs.
- D'utiliser un pot d'encastrement lorsqu'ils sont installés dans la terre.

Les erreurs à éviter :
- Utilisation de connecteurs IP20 non résinés (photo 1) ou d'une bande adhésive (photo 2).
- Le raccordement étanche n'est pas réalisé sur la gaine du câble mais sur les conducteurs (photos 3 et 4).
- La résine ou le gel isolant n'est pas correctement coulé (photo 5).

Une mauvaise étanchéité, même partielle, va générer une remontée d'eau dans le produit via le câble. Ce phénomène de remontée d'eau par «capillarité» endommage les composants électriques et ne permet plus le bon fonctionnement du produit.

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BOITE DE DERIVATION IP68

La manière la plus sûre de parvenir à réaliser un raccordement étanche IP68 est d'effectuer le branchement dans une boîte de dérivation et de la remplir ensuite de résine. Ce type de gel isolant électrique se compose de deux résines à mélanger (on parle de gel isolant bi-composant). La résine à couler dans la boîte de dérivation garantit que le branchement et votre spot de sol seront totalement protégés contre l'eau.

Il est également possible d'effectuer le branchement dans des connecteurs étanches avec des presse-étoupes.
Toutefois, il s'agit d'une solution moins sûre, le risque d'infiltration d'eau n'est pas inexistant.

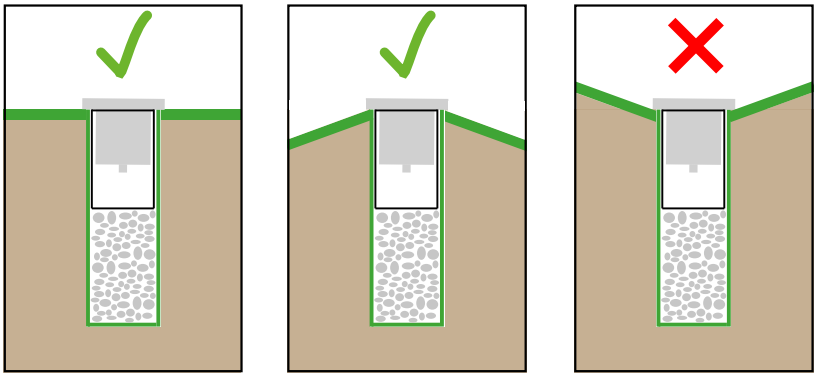
Une fois que le raccordement à la boîte de dérivation a été effectué et que vous avez testé plusieurs fois vos spots, vous pouvez couler la résine dans la boîte de dérivation. N'oubliez pas d'effectuer ces tests car une fois que la résine est solidifiée, vous ne pouvez plus rien pour votre branchement !

CONNECTEUR ETANCHE

Ce connecteur avec des presse-étoupes est utilisable dans le pot d'encastrement ou sous un plancher en bois pour réaliser un raccordement étanche IP68 entre 2 ou 3 câbles souples en caoutchouc du type H07RN-F ou équivalent.
Une fois que le raccordement a été effectué, ce connecteur a l'avantage d'être totalement démontable.

EMPLACEMENT

Le spot de sol avec un degré de protection inférieur à IP68 ne doit jamais être installé dans des cavités, posez-le sur une surface plane ou surélevée.



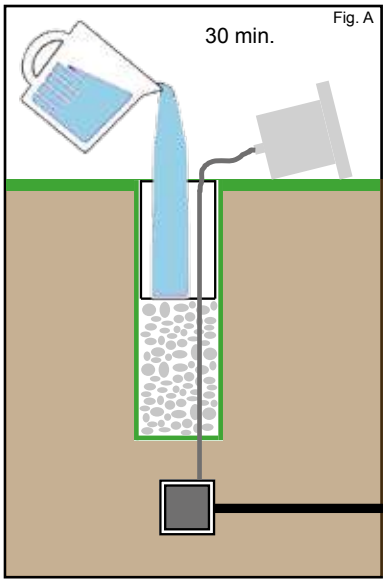
LE DRAINAGE

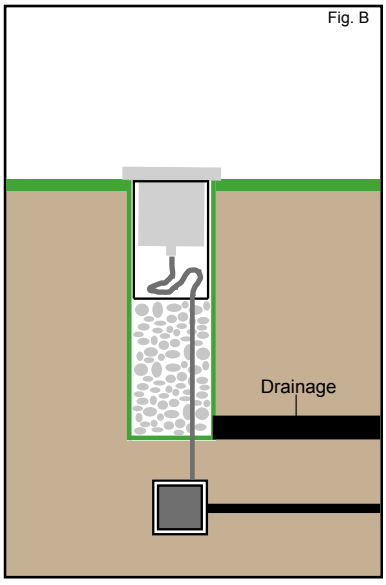
Luminaires IP68:

Un drainage n'est pas nécessaire mais il est important de savoir que ces luminaires sont prévus pour être en immersion permanente uniquement dans de l'eau claire. Ils ne sont pas conçus pour être immergés dans de l'eau chlorée, de l'eau de mer ou tout autre environnement agressif.

Luminaires IP67:

Pour assurer un bon drainage, veuillez installer une couche de gravier avec une profondeur de minimum 30cm sous le pot d'encastrement du luminaire. Nous préconisons d'effectuer le test suivant: Remplir d'eau le pot d'encastrement (Fig.A) et s'assurer que celle-ci se soit toute écoulée en 30min. Dans le cas contraire, un drainage supplémentaire est obligatoire (Fig.B)





IMPORTANT

Pour assurer une bonne étanchéité du presse-étoupe IP68, il est important de laisser une longueur suffisante et de ne pas «croquer» le câble juste à la sortie du presse-étoupe.

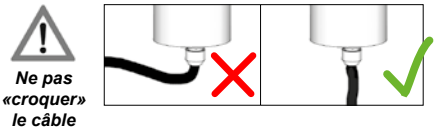
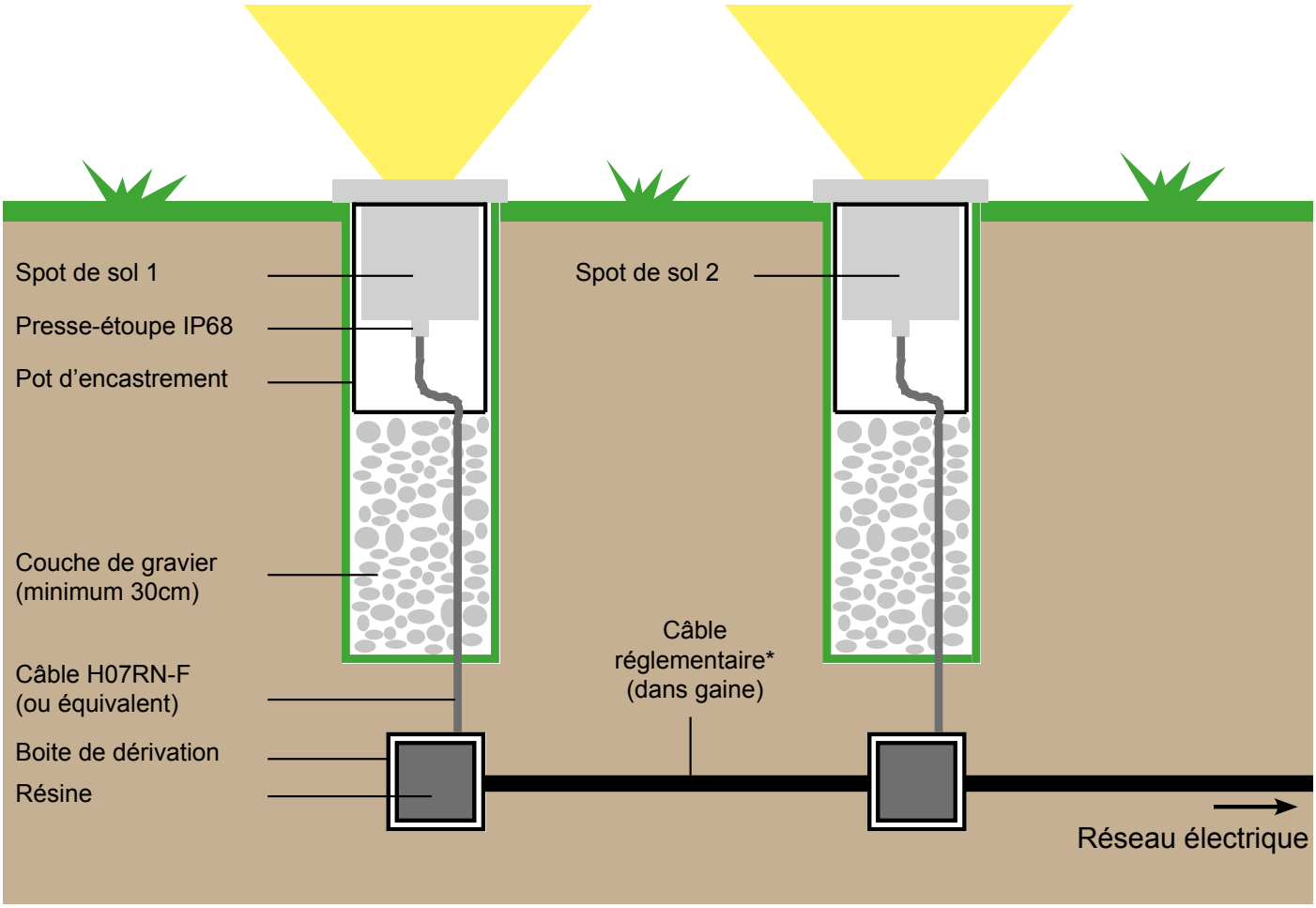


ILLUSTRATION D'UN BRANCHEMENT



* voir législation locale

LE CABLE

Pour assurer l'étanchéité du raccordement, avec des connecteurs étanches ou une boite de dérivation étanche, il faut utiliser un câble d'alimentation souple en caoutchouc du type H07RN-F ou équivalent. Un câble en caoutchouc souple peut être mieux raccordé contre l'eau et lorsque le presse-étoupe du spot de sol est vissé sur le câble, la gaine en caoutchouc du câble fait alors office de bague d'étanchéité. Actuellement, ce câble est souvent déjà fixé au spot de sol que vous achetez.
Attention : n'enlevez jamais le câble fourni avec le spot de sol ! Sinon, votre garantie est annulée.

LA PROFONDEUR DE LA GAINE ELECTRIQUE

Tout d'abord, il est nécessaire de se référer à la réglementation nationale.
Voici ce que nous préconisons:

- Pour une aire non accessible aux voitures:
  Les gaines électriques doivent être enterrées à une profondeur minimale de 50 cm.

- Pour une aire accessible aux voitures ou sous les trottoirs:
  Les gaines électriques doivent être enterrées à une profondeur minimale de 80 cm.

Les circuits électriques enterrés doivent circuler sous fourreau annelé TPC (Tube de Protection des Câbles), il s'agit de gaines en polyéthylène constituées d'une double paroi qui permet de résister aux chocs et à l'écrasement.
Lors du recouvrement de ces gaines, il faudra utiliser une terre meuble ou du sable. Il ne faut en aucun cas utiliser de gros cailloux qui pourraient avec le tassement dégrader la gaine électrique enterrée.

INTEGRATION DANS UN PLANCHER OU UNE TERRASSE EN BOIS

Le perçage des lames de bois se fera au diamètre de perçage préconisé (voir fiche produit, notice, etc...).
La profondeur sous le plancher devra permettre d'encastrer le spot et la connectique étanche.
Il est également nécessaire de s'assurer de la présence d'un espace suffisant sous l'encastré de manière à éviter la stagnation de l'eau et de ne pas «croquer» le câble juste à la sortie du presse-étoupe. A défaut, un drainage sera réalisé.

LA CONDENSATION

A l'exception d'une cause due à un mauvais raccordement, il s'agit avant tout d'un phénomène naturel.
La cause principale est le montage des luminaires dans une atmosphère humide, le produit étant tellement étanche que dès que le point de saturation est atteint, l'eau se condense. Quand de l'air chaud et humide entre au contact du froid, l'eau présente à l'intérieur du luminaire se transforme en condensation. Quand l'eau s'évapore, cela crée une vapeur d'eau ascendante qui peut avoir une influence sur les composants électriques. Parfois, cette vapeur d'eau peut faire disjoncter le compteur électrique.

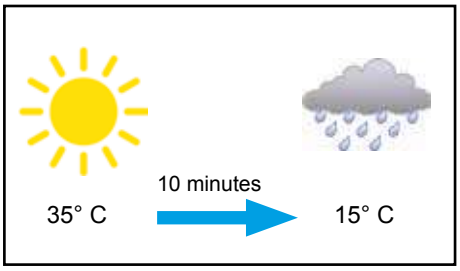
Un rapide changement de température crée aussi une différence de pression qui peut générer de la condensation.
Pression, température et humidité de l'air sont dans un état constant de changement et cela a un effet non négligeable. Peu importe l'étanchéité du luminaire, il en résulte des conditions de pression différentes entre l'intérieur de l'enveloppe et l'environnement provoquant le transport de l'air qui se condense dans le luminaire.

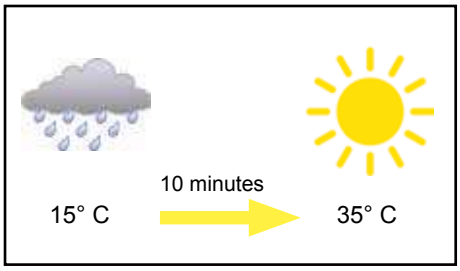
La garantie de BEL Lighting ne couvre pas la condensation, sauf s'il est avéré que l'infiltration d'eau est due à un défaut de la lampe.
En cas de condensation, vous devez vérifier ce qui suit :
- La lampe est-elle correctement installée ?
- Les joints sont-ils étanches et les vis et le verre sont-ils suffisamment bien serrés ?
- S'il s'agit de bornes, il se peut que l'humidité remontant du sol soit à l'origine de la formation de la condensation.

Sur la plupart de nos bornes et appliques, nous utilisons des verres «sablés fin», ce qui a pour conséquence de rendre visible les gouttes d'eau dues à la condensation (voir photo) et de rendre le verre plus transparent.

Il est recommandé lors de l'installation de:
- Réaliser le montage et le câblage par temps très sec
- Vérifier l'état de serrage de toutes les parties à serrage et des presse-étoupes
- Bien respecter les recommandations pour le câblage en extérieur

En cas de doute, référez-vous toujours à un professionnel.





L'ENTRETIEN

Un nettoyage régulier est recommandé avec les produits appropriés pour préserver l'apparence et l'intégrité de la surface des luminaires. Ne jamais employer des produits de nettoyage agressifs ou des solutions chimiques qui risquent d'attaquer la surface.
Nous recommandons l'utilisation d'un chiffon humide (microfibre de préférence) ou peau de chamois et l'utilisation de notre produit «POLI INOX» pour l'entretien et le nettoyage des parties en inox, laiton ou cuivre.

Lors de l'entretien, si vous constatez:
- Un verre de protection cassé, fissuré ou décollé
- Une dégradation du câble d'alimentation
- un joint dégradé

Alors le luminaire est inutilisable et les pièces endommagées doivent faire l'objet d'une réparation exclusivement avec des pièces de rechange d'origine.

Exemples de luminaires avant et après nettoyage avec notre produit «POLI INOX»

INOX 304L
Avant nettoyage

INOX 304L
Après nettoyage

INOX 316L

LAITON

POLI INOX

RECOMMENDATIONS FOR OUTDOOR WIRING

Recessed floor lights

THE CONNECTION

Luminaires must be installed and connected by a qualified technician.
So that your recessed floor can work, you must naturally connect them to the mains. This connection must be protected against humidity, specified by the IP (International Protection) value of the product. This value has two numbers: the first number designates protection against solid objects and the second number designates protection against water and humidity.

Recessed floor luminaires are often installed in places subject to bad weather, so it is imperative:
- To opt for a connection solution with an IP68 rating.
- To seal the cable sheath and not the conductors.
- To use a recessing box when installed in the ground.

Errors to avoid:
- Use of undesignated IP20 connectors (photo 1) or adhesive tape (photo 2).
- The waterproof connection is not made on the cable sheath but on the conductors (photos 3 and 4).
- The resin or the insulating gel is not properly cast (photo 5).

Poor seals, even partials, will gather up water in the product through the cable. This phenomenon of rising water by «capillarity» damages the electrical components and it no longer allows the proper operation of the product.

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IP68 JUNCTION BOX

The safest way to do this, is to make the connection inside the junction box and fill this up with resin (or bicomponent gel). The casting resin will keep your connection and your floor uplighter completely free of water.

Making your connection in watertight connectors with cable glands is another possibility. However, this option is less safe. Chances are that water will still find its way.

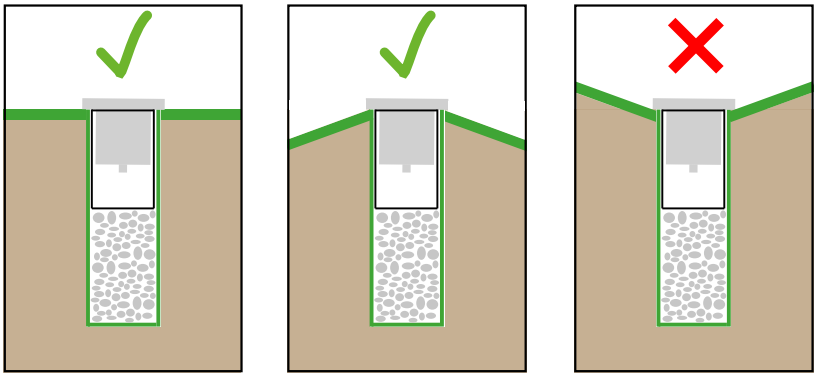
Once the connection in the junction box is made and you've tested your spots multiple times, you can fill the junction box with resin. Don't forget to test your spots before casting the resin. Once the resin is solidified, you cannot make any more changes to your connection!

SEALED CONNECTOR

This connector with cable glands can be used in the recess or under a wooden floor to make an IP68 waterproof connection between 2 or 3 flexible rubber cables type H07RN-F or equivalent. Once the connection has been made, this connector has the advantage of being completely removable.

LOCATION

Never install your ground spots in a den. Install them on a flat or a higher surface.



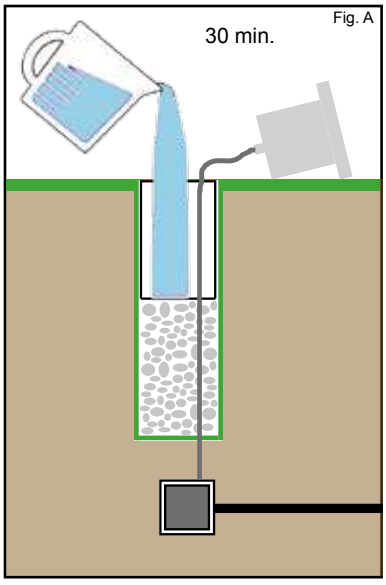
THE DRAINING

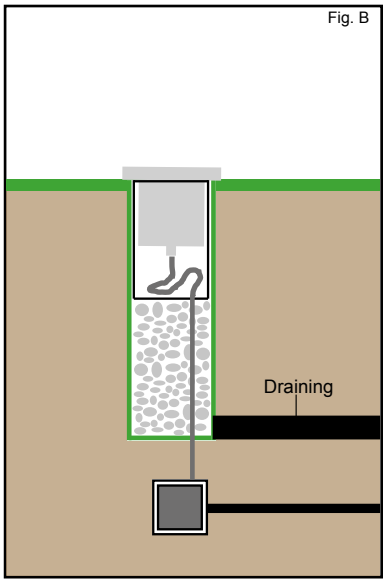
IP68 luminaires:

Drainage is not necessary, but it is important to know that these fixtures are intended to be permanently immersed only in clear water. They are not designed to be immersed in chlorinated water, seawater or any other aggressive environment.

IP67 luminaires:

To ensure good drainage, install a layer of gravel with a minimum depth of 30cm under the recessed box. We recommend to perform the following test: Fill the recessing box with water (Fig.A) and make sure that it has completely dissolved in 30min. Otherwise, additional drainage is required (Fig.B)





IMPORTANT

To ensure a good seal of the IP68 cable gland, it is important to leave a sufficient length and not to «bend» the cable just at the exit of the cable gland.

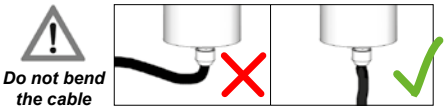
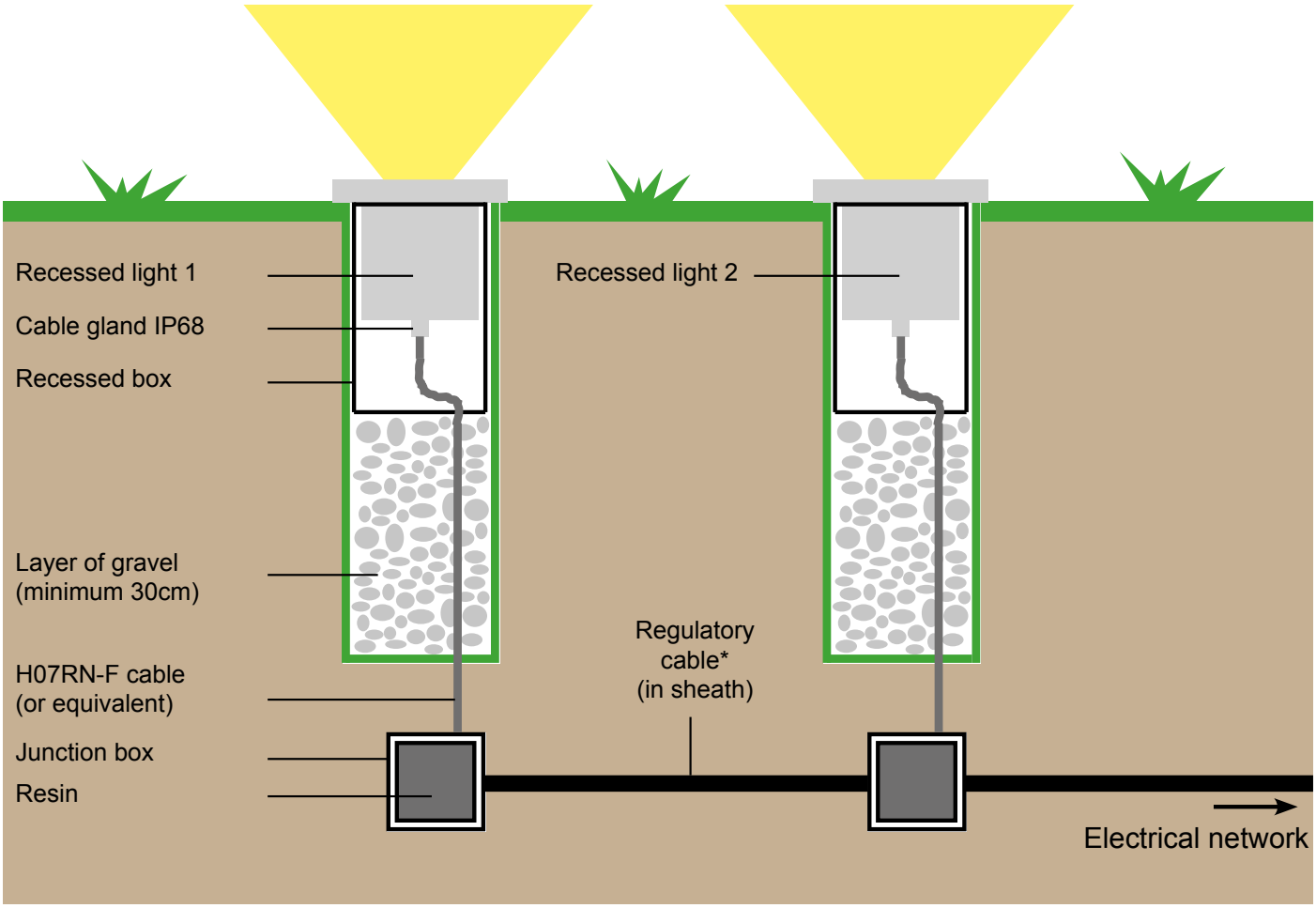


ILLUSTRATION OF A CONNECTION



* see national regulations.

THE CABLE

To ensure the tightness of the connection, with waterproof connectors or junction box, use a flexible rubber power cable type H07RN-F or equivalent. A flexible, rubber cable is much easier to seal off against water. When the swivel of the ground spot is fastened to the cable, the rubber cable sheath will function as a grommet. Nowadays, the cable will often be already attached to the ground spot. In this case, you don't need a separate cable.
Caution: if there's a cable attached to the ground spot, don't remove it! By doing this, you'll lose your warranty.

THE DEPTH OF THE ELECTRICAL SHEATH

First of all, it is necessary to refer to national regulations.

Here is what we recommend:
- For an area not accessible to cars:
The electrical conduits must be buried at a minimum depth of 50 cm.

- For an area accessible to cars or under the sidewalks:
Electrical conduits must be buried to a minimum depth of 80 cm.

The buried electrical circuits must circulate in a sheath that can withstand shocks and crushing.
When covering these sheaths, it will be necessary to use soil or sand.
Under no circumstances should heavy stones be used to degrade the buried electric sheath with settlement.

INTEGRATION IN A WOOD FLOOR OR TERRACE

The drilling of the wood blades will be at the recommended drilling diameter (see product sheet, manual, etc ...). The depth under the floor must allow to embed the spot and the waterproof connections. It is also necessary to ensure that there is sufficient space under the recess to prevent stagnation of the water and not to «bend» the cable just at the exit of the cable gland. Otherwise, drainage will be done.

THE CONDENSATION

With the exception of a cause due to a bad connection, it is first of all a natural phenomenon. The main cause is the mounting of the luminaires in a humid atmosphere, the product being so tight that as soon as the saturation point is reached, the water condenses. When warm moist air comes into contact with the cold, the water inside the luminaire becomes condensation. When the water evaporates, it creates an ascending water vapor that can influence the electrical components. Sometimes this water vapor can cause the electrical installation to trip.

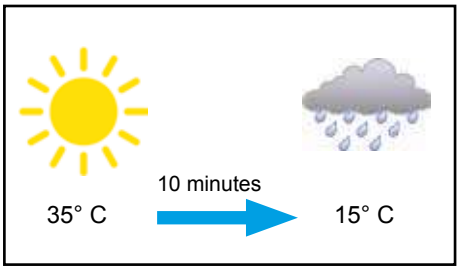
A rapid temperature change also creates a pressure difference which can cause condensation.
Pressure, temperature and humidity of the air are in a constant state of change and this has a not insignificant effect. Regardless of the tightness of the luminaire, this results in different pressure conditions between the interior of the enclosure and the environment causing the transport of the air that condenses in the luminaire.

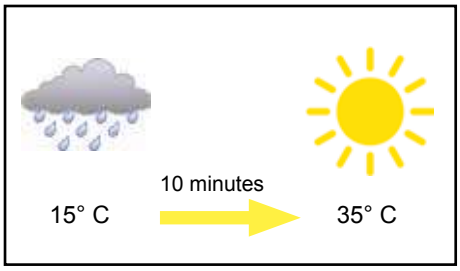
The BEL Lighting warranty does not cover condensation, except if it is proven that the water infiltration is due to a defect of the lamp.
In case of condensation, you must check the following points:
- Is the lamp properly installed?
- Are the seals sealed and the screws and glass tight enough?
- For bollard, it is possible that the humidity coming up from the ground is at the origin of the formation of the condensation.

On most of our bollards and wall lights, we use «sandblasted» glasses, which has the effect of making visible the drops of water due to condensation (see photo) and make the glass more transparent.

It is recommended when installing:
- Realize assembly and wiring in very dry weather
- Check the tightening condition of all clamping parts and cable glands
- Comply with the recommendations for outdoor wiring

If in doubt, always refer to a professional.





MAINTENANCE

Regular cleaning is recommended with appropriate products to preserve the appearance and integrity of the luminaire surface. Never use harsh cleaning agents or chemical solutions that may attack the surface. We recommend the use of a damp cloth (microfiber preferably) or chamois leather and the use of our product «POLI INOX» for the maintenance and cleaning of parts in stainless steel, brass or copper.

During maintenance, if you find:
- A broken, cracked or unstuck protective glass
- Deterioration in the power cable
- a deteriorated seal

Then the luminaire is unusable, and the damaged parts must be repaired only with original spare parts.

Examples of luminaires before and after cleaning with our «POLI INOX» product

INOX 304L
Before cleaning

INOX 304L
After cleaning

INOX 316L

BRASS

POLI INOX

EMPFEHLUNGEN FÜR OUTDOOR VERKABELUNG

Bodeneinbauleuchten

DIE VERBINDUNG

Leuchten müssen von einem qualifizierten Techniker/Elektriker installiert und angeschlossen werden.
Damit diese in den Boden eingelassen werden können, müssen Sie diese natürlich an das Stromnetz angeschlossen werden
Diese Verbindung muss vor Feuchtigkeit geschützt sein, die durch den IP - Wert (International Protection). Dieser Wert besteht aus zwei Ziffern: die erste Ziffer bezeichnet den Schutz gegen feste Objekte und die zweite Ziffer, Schutz gegen Wasser und Feuchtigkeit.

Bodeneinbauleuchten werden oft an Orten mit schlechtem Wetter installiert, daher ist es unerlässlich:
- Wählen Sie eine Verbindungslösung mit der Schutzart IP68.
- Um den Kabelmantel und nicht die Leiter abzudichten.
- Verwenden Sie einen Einbautopf, wenn Sie im Boden installiert sind.

Zu vermeidende Fehler:
- Verwendung von nicht resistenten IP20-Steckverbindern (Foto 1) oder Klebeband (Foto 2).
- Die wasserdichte Verbindung erfolgt nicht am Kabelmantel, sondern an den Leitern (Fotos 3 und 4).
- Das Harz oder das Isoliergel ist nicht richtig gegossen (Foto 5).

Eine schlechte Dichtung, auch nur teilweise, erzeugt über das Kabel einen Anstieg des Wassers im Produkt. Dieses Phänomen des aufsteigenden Wassers durch «Kapillarität» schädigt die elektrischen Bauteile.

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IP68 BYPASS BOX

Der sicherste Weg, um eine wasserdichte IP68-Verbindung zu erreichen, ist die Verbindung mit einer Box und diese mit Harz füllen. Diese Art von Elektroisoliergel besteht aus zwei Harzen zu mischen (wir sprechen von Zweikomponenten-Isoliergel). Das Harz, das in der Anschlussdose fließt, stellt sicher, dass die Verbindung und Ihr Produkt total geschützt wird gegen Wasser.

Es ist auch möglich, abgedichtete Steckverbinder mit Kabelverschraubungen anzuschließen. Dies ist jedoch eine weniger sichere Lösung, die Gefahr des Eindringens von Wasser besteht nicht.

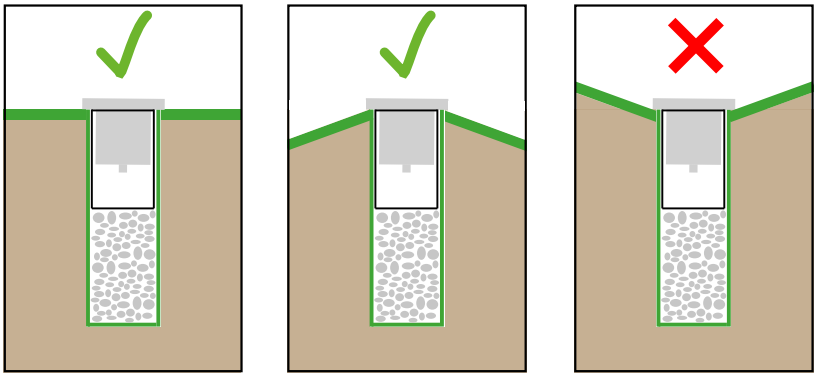
Sobald die Verbindung zur Anschlussdose hergestellt ist und Sie Ihre Spots mehrmals getestet haben, können Sie das Harz in die Anschlussdose gießen. Vergessen Sie nicht, Tests durchzuführen, denn wenn das Harz erstarrt ist, kann keine Korrektur gemacht werden!

VERDICHTETER ANSCHLUSS

Dieser Stecker mit Kabelverschraubungen kann in der Aussparung oder unter einem Holzboden verwendet werden, um eine IP68 wasserdichte Verbindung zwischen 2 oder 3 flexiblen Gummikabeln des Typs H07RN-F oder gleichwertig. Sobald die Verbindung hergestellt wurde, hat dieser Anschluss den Vorteil, dass er vollständig entfernbar ist.

LAGE

Bodenstrahler mit einer Schutzart von weniger als IP68 dürfen niemals in Hohlräumen installiert werden, sondern auf einer flachen oder erhöhten Fläche.



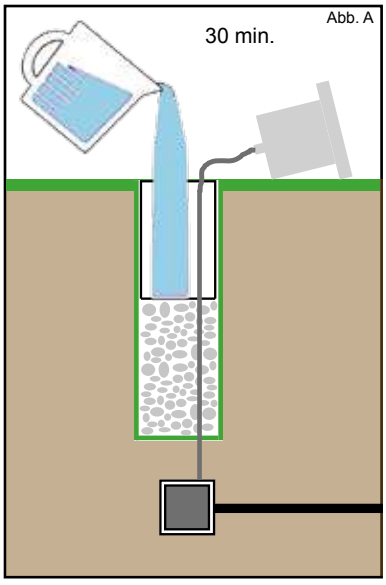
ENTWÄSSERUNG

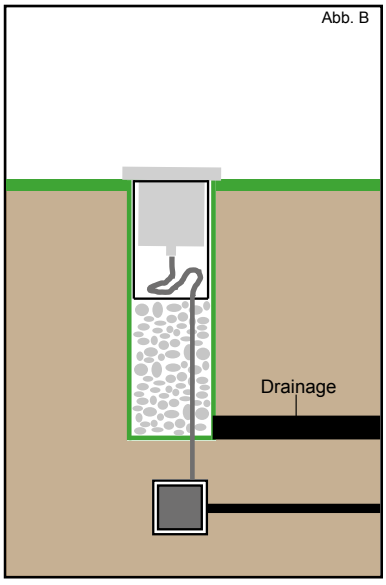
IP68 leuchten:

Entwässerung ist nicht notwendig, aber es ist wichtig zu wissen, dass diese Armaturen eingetaucht werden sollen permanent nur in klarem Wasser. Sie sind nicht dazu bestimmt, in chloriertes Wasser, Meerwasser oder Wasser eingetaucht zu werden oder andere aggressive Umgebung.

IP67 leuchten:

Um eine gute Entwässerung zu gewährleisten, installieren Sie bitte eine Kiesschicht mit einer Tiefe von mindestens 30 cm unter dem Topf Montage der Leuchte. Wir empfehlen folgenden Test durchzuführen: Füllen Sie die Vertiefung mit Wasser (Abb.A) und vergewissern Sie sich, das in 30 Minuten das Wasser abgelaufen ist. Andermal ist eine zusätzlich Drainage erforderlich. (Abb.B)





WICHTIG

Um eine gute Abdichtung der Kabelverschraubung zu gewährleisten IP68, es ist wichtig, eine ausreichende Länge und zu gewährleisten das Kabel nicht direkt aus der Kabelverschraubung herausziehen

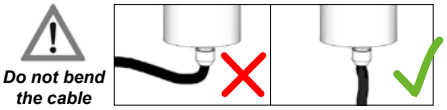
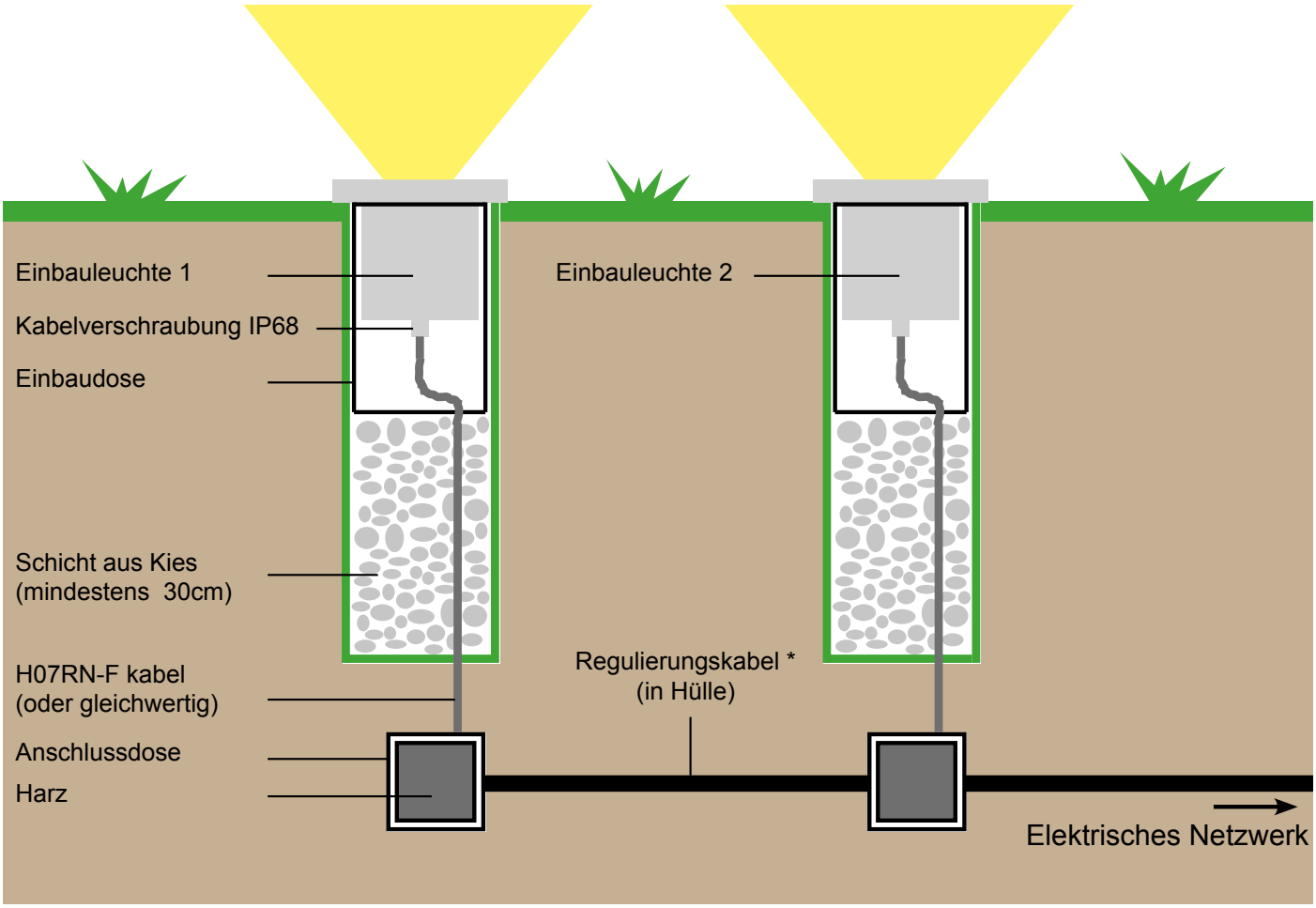


ABBILDUNG EINER VERBINDUNG



* siehe nationale Vorschriften.

DAS KABEL

Um die Dichtheit der Verbindung zu gewährleisten, verwenden Sie bei wasserdichten Steckern oder Anschlussdosen ein flexibles Gummikabel H07RN-F oder gleichwertig. Ein flexibles Gummikabel ist viel einfacher gegen Wasser abzudichten. Wenn der Wirbel des Bodenfleckes ist am Kabel befestigt, fungiert der Gummi-Kabelmantel als Tülle. Heutzutage wird das Kabel oft schon an der Bodenstelle. In diesem Fall benötigen Sie kein separates Kabel.
Achtung: Wenn ein Kabel am Boden angebracht ist, entfernen Sie es nicht! Dadurch verlieren Sie Ihre Garantie.

INTEGRATION IN EINEN HOLZBODEN ODER TERRASSE

Das Bohren der Holzbalken erfolgt auf dem empfohlenen Bohrdurchmesser (siehe Produktblatt, Handbuch, etc ...). Die Tiefe unter dem Boden muss es ermöglichen, den Spot und die wasserdichten Verbindungen einzubetten. Es muss auch sichergestellt werden, dass genügend Platz vorhanden ist, unter der Aussparung, um ein Stagnieren des Wassers zu verhindern und das Kabel nicht direkt am Ausgang der Kabelverschraubung zu «biegen». Andernfalls muss eine Drainage gemacht werden.

WASSER KONDENSATION

Mit Ausnahme einer Ursache aufgrund einer schlechten Verbindung ist es vor allem ein natürliches Phänomen. Die Hauptursache ist die Montage der Leuchten in einer feuchten Atmosphäre, wobei das Produkt so dicht ist, dass sobald der Sättigungspunkt erreicht ist, das Wasser kondensiert. Wenn warme, feuchte Luft in Kontakt mit der Kälte kommt, wird das Wasser in der Leuchte zu Kondenswasser. Wann das Wasser verdunstet, es entsteht ein aufsteigender Wasserdampf, der die elektrischen Komponenten beeinflussen kann. Manchmal dieses Wasser Dampf kann dazu führen, dass die elektrische Anlage auslös

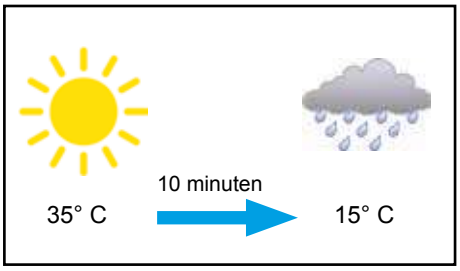
Eine schnelle Temperaturänderung erzeugt auch eine Druckdifferenz, die Kondensation verursachen kann.
Druck, Temperatur und Feuchtigkeit der Luft sind in einem konstanten Zustand der Veränderung und dies hat einen nicht unbedeutenden Effekt. Egal ob durch die Dichtheit der Leuchte ergeben sich unterschiedliche Druckverhältnisse zwischen dem Innenraum des Gehäuses und der Umgebung verursacht den Transport der Luft, die in der Leuchte kondensiert.

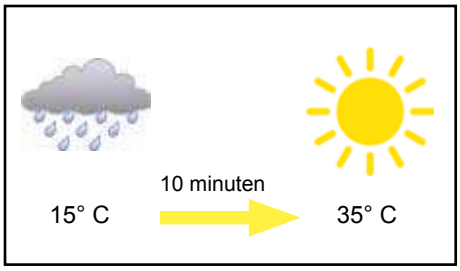
Die Garantie von BEL Lighting deckt keine Kondensation ab, es sei denn, es wurde nachgewiesen, dass die Wasserinfiltration auf einen Defekt des Geräts zurückzuführen istBei Kondensation müssen Sie folgende Punkte überprüfen:
- Ist die Lampe richtig installiert?
- Sind die Dichtungen abgedichtet und die Schrauben und das Glas fest genug?
- Bei Pollern ist es möglich, dass die vom Boden kommende Feuchtigkeit die Ursache für die Bildung von Kondenswasser ist.

Bei den meisten unserer Poller und Wandleuchten verwenden wir «sandgestrahlte» Gläser, die die Wassertropfen sichtbar machen, aufgrund von Kondensation (siehe Foto) und machen das Glas transparenter.

Es wird empfohlen, bei der Installation:
- Realisieren Sie Montage und Verdrahtung bei sehr trockenem Wetter
- Überprüfen Sie den Anzugszustand aller Klemmteile und Kabelverschraubungen
- Beachten Sie die Empfehlungen für die Außenverdrahtung

Wenn Sie Zweifel haben, wenden Sie sich immer an einen Fachmann.





INSTANDHALTUNG

Bei geeigneten Produkten wird eine regelmäßige Reinigung empfohlen, um das Erscheinungsbild und die Integrität der Leuchtenoberfläche zu erhalten.Verwenden Sie niemals scharfe Reinigungsmittel oder chemische Lösungen, die die Oberfläche angreifen könnten. Wir empfehlen die Verwendung eines feuchten Tuches(Mikrofaser vorzugsweise) oder Chamoisleder und die Verwendung unseres Produkts «POLI INOX» für die Wartung und Reinigung von Teilen in Edelstahl, Messing oder Kupfer.

Wenn Sie während der Wartung Folgendes finden:
- Ein gebrochenes, gerissenes oder nicht entferntes Schutzglas
- Verschlechterung des Stromkabels
- ein verschlechtertes Siegel

Dann ist die Leuchte unbrauchbar und die beschädigten Teile müssen nur mit Original-Ersatzteilen repariert werden.

Beispiele für Leuchten vor und nach der Reinigung mit unserem Produkt «POLI INOX»

Edelstahl 304L
Bevor gereinigt

Edelstahl 304L
Nach gereinigt

Edelstahl 316L

Messing

POLI INOX

ΣΥΣΤΑΣΕΙΣ ΓΙΑ ΤΗΝ ΕΞΩΤΕΡΙΚΗ ΣΥΝΔΕΣΗ

Φωτιστικά δαπέδου

ΣΥΝΔΕΣΗ

Τα φωτιστικά πρέπει να εγκατασταθούν και να συνδεθούν από ειδικευμένο τεχνικό.
Για να λειτουργήσει το προϊόν σας, πρέπει φυσικά να το συνδέσετε στο ρεύμα. Η σύνδεση του καλωδίου του στεγανού φωτιστικού με το ρεύμα θα πρέπει να γίνει με στεγανό διακλαδωτή, όπως καθορίζεται από την τιμή IP (International Protection) του προϊόντος. Η τιμή στεγανότητας αποτελείται από δύο ψηφία: το πρώτο ψηφίο δηλώνει την προστασία από τα στερεά αντικείμενα και το δεύτερο ψηφίο την προστασία από το νερό και την υγρασία.

Τα χωνευτά φωτιστικά δαπέδου τοποθετούνται συχνά σε μέρη που υπόκεινται σε κακές καιρικές συνθήκες, επομένως είναι επιτακτική ανάγκη:
- Να επιλέξετε μια λύση σύνδεσης με βαθμό στεγανότητας IP68.
- Να σφραγίσετε τη εξωτερικό περίβλημα του καλωδίου και όχι τους αγωγούς (κλώνους).
- Να χρησιμοποιήσετε ένα κουτί υποδοχής όταν είναι εγκατεστημένο στο έδαφος.

Σφάλματα προς αποφυγή:
- Χρήση μη συνδεδεμένων υποδοχών IP20 (φωτογραφία 1) ή μονοτικής ταινίας (φωτογραφία 2).
- Η αδιάβροχη σύνδεση δεν γίνεται πάνω στο περίβλημα του καλωδίου αλλά πάνω στους αγωγούς (φωτογραφίες 3 και 4).
- Η ρητίνη ή η μονωτική γέλη δεν είναι κατάλληλα χυτευμένη (φωτογραφία 5).

Μια μερική ή κακή μόνωση θα προκαλέσει εισχώρηση του νερού στο προϊόν μέσω του καλωδίου. Αυτό το φαινόμενο της εισροής του νερού από τους κλόνους του καλωδίου καταστρέφει τα ηλεκτρικά εξαρτήματα και δεν επιτρέπει πλέον τη σωστή λειτουργία του προϊόντος.

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IP68 ΣΤΕΓΑΝΟ ΚΟΥΤΙ ΔΙΑΚΛΑΔΩΣΗΣ

Ο ασφαλέστερος τρόπος για να επιτευχθεί μια αδιάβροχη σύνδεση IP68 είναι να συνδεθεί με ένα κητίο, στο οποίο θα τοποθετηθούν τα καλώδια και έπειτα θα συμπληρωθεί με ρητίνη. Αυτός ο τύπος πηκτής ηλεκτρικής μόνωσης συντελείται με τη χρήση δύο διαφορετικών ρητίνων, οι οποίες αναμιγνύονται (μονωτικό πήκτωμα δύο συστατικών). Η ειδική αυτή ρητίνη, που ρίχνεται στο κουτί διακλάδωσης, εξασφαλίζει ότι η σύνδεση και το σημείο γείωσης θα είναι πλήρως προστατευμένα από το νερό και την υγρασία.

Επίσης υπάρχει η δυνατότητα να γίνει η σύνδεση με σφραγισμένους συνδετήρες, οι οποίοι έχουν στεγανούς στυπιοθλίπτες καλωδίων. Ωστόσο, αυτή είναι μια λιγότερο ασφαλής λύση, καθώς το ενδεχόμενο διήθησης του νερού δεν είναι απίθανο.

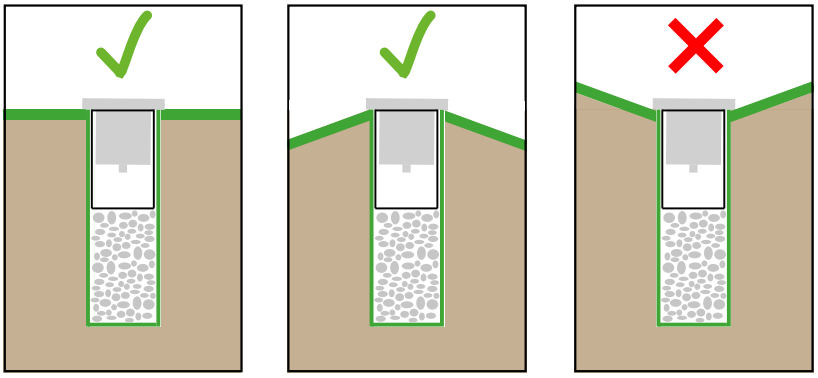
Μόλις γίνει η σύνδεση στο στεγανό κουτί διασκλάδωσης και, αφού έχετε δοκιμάσει το προϊόν σας αρκετές φορές, μπορείτε ρίξετε τη ρητίνη στο κουτί διακλάδωσης. ΠΡΟΣΟΧΗ Μην παραλείψετε την εκτέλεση αυτών των δοκιμών λειτουργίας του φωτιστικού, διότι, μόλις στερεοποιηθεί η ρητίνη, δεν θα υπάρχει η δυνατότητα να τις εκτελέσετε! Η συνδεσμολογία δεν θα μπορεί να τροποποιηθεί!

ΣΤΕΓΑΝΟΣ ΣΥΝΔΕΤΗΡΑΣ (Connector box)

Αυτός ο σύνδεσμος, που αποτελείται από στυπιοθλίπτες καλωδίων, μπορεί να χρησιμοποιηθεί στην εσοχή ξύλινου πατώματος ή κάτω από από αυτό, για να επιτευχθεί μια IP68 αδιάβροχη σύνδεση μεταξύ 2 ή 3 εύκαμπτων ελαστικών καλωδίων τύπου H07RN-F ή ισοδύναμου. Το πλεονέκτημα αυτού του τρόπου μόνωσης της σύνδεσης είναι ότι το εξάρτημα αυτό μπορεί να αφαιρεθεί.

ΤΟΠΟΘΕΣΙΑ

Τα φωτιστικά δαπέδου με βαθμό προστασίας μικρότερο από IP68 δεν πρέπει ποτέ να τοποθετηθετούνται σε κοιλότητες. Τοποθετήστε τα σε επιφάνεια επίπεδη ή ανυψωμένη.



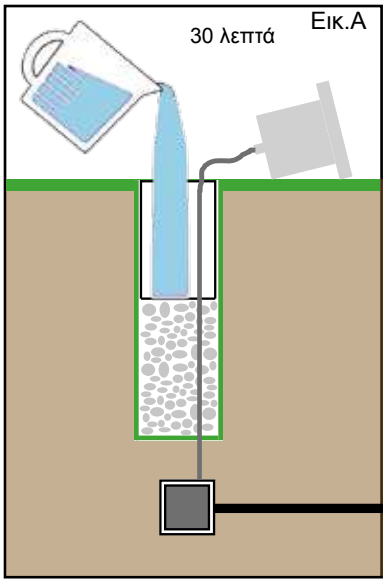
ΠΡΟΣΟΧΗ

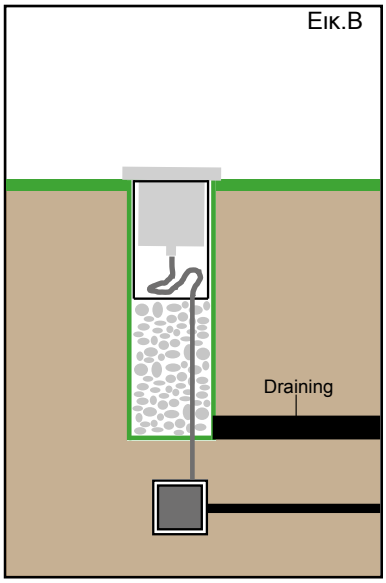
Φωτιστικά IP68:

Η αποστράγγιση δεν είναι απαραίτητη, αλλά είναι σημαντικό να γνωρίζουμε ότι αυτά τα εξαρτήματα προορίζονται να βυθιστούν μόνιμα μόνο σε καθαρό νερό (σταθερού pH μη όξινου ή βασικού). Δεν έχουν σχεδιαστεί για να βυθίζονται σε χλωριωμένο νερό, θαλασσινό νερό ή οποιοδήποτε άλλο επιθετικό περιβάλλον.

Φωτιστικά IP67:

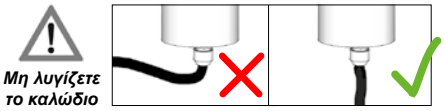
Για να διασφαλιστεί η καλή αποστράγγιση, εγκαταστήστε ένα στρώμα από χαλίκι και ελάχιστου βάθους 30cm κάτω από το κιτίο τοποθέτησης του φωτιστικού. Συνιστούμε να εκτελέσετε την παρακάτω δοκιμή: Γεμίστε την εσοχή με νερό (Εικ. A) και βεβαιωθείτε ότι όλος ο όγκος του νερού έχει εξαλειφθεί μέσα σε 30 λεπτά. Διαφορετικά, απαιτείται πρόσθετη αποστράγγιση (Εικ.B)



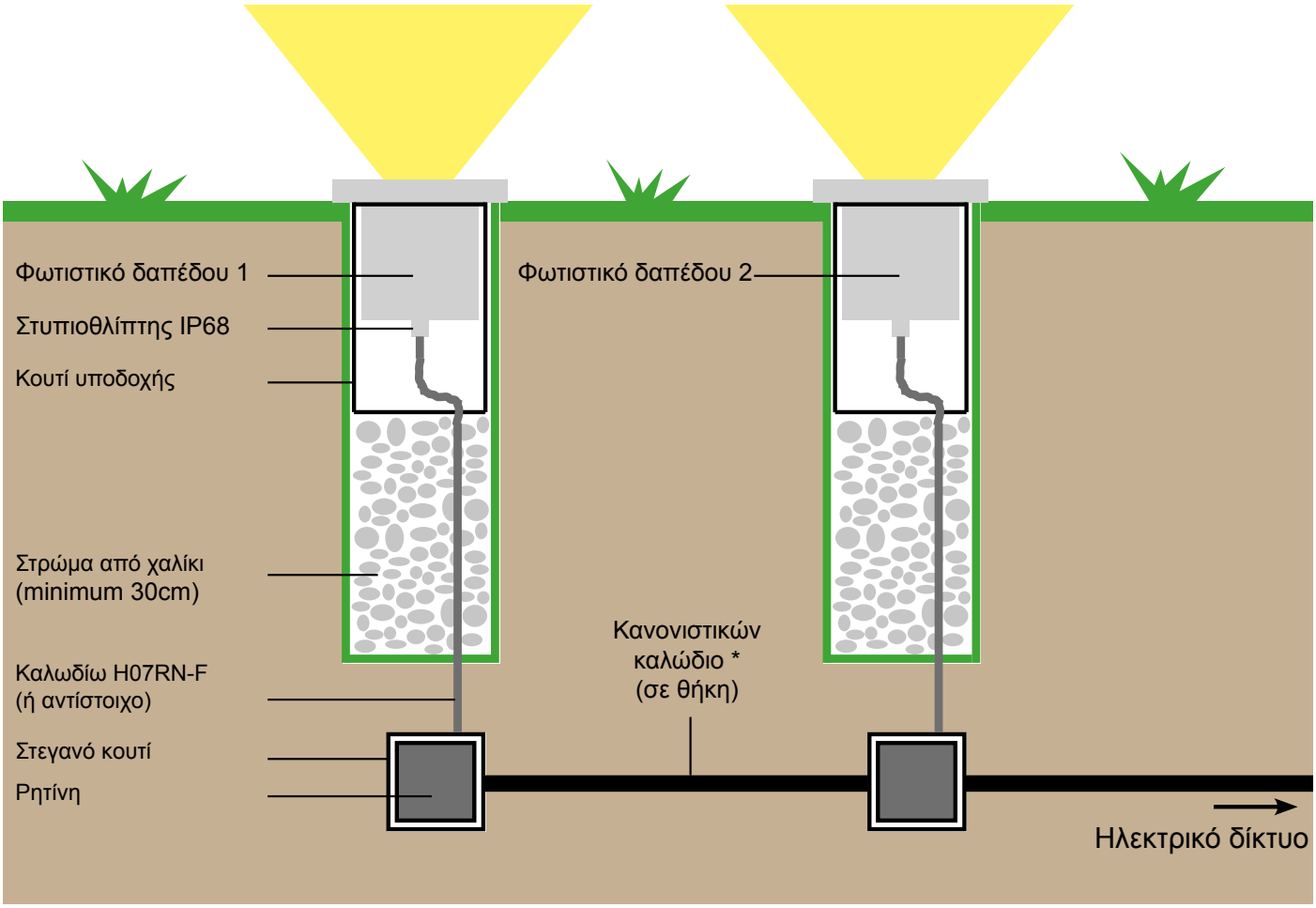


ΣΗΜΑΝΤΙΚΟ

Για να εξασφαλιστεί μια καλή σφράγιση του στυπιοθλίπτη IP68 από τον οποίο εξέρχεται το καλώδιο, είναι σημαντικό να αφήσετε ένα επαρκές μήκος καλωδίου και όχι να διπλώσει το καλώδιο στο σημείο ακριβώς, που βγαίνει από τον στυπιοθλίπτη.



ΕΠΕΞΕΡΓΑΣΙΑ ΣΥΝΔΕΣΗΣ



* δείτε εθνικούς κανονισμούς.

ΤΟ ΚΑΛΩΔΙΟ

Για να εξασφαλιστεί η στεγανότητα της σύνδεσης, με αδιάβροχους συνδέσμους ή στεγανό κουτί διακλάδωσης, είναι απαραίτητο να χρησιμοποιηθεί ένα εύκαμπτο καλώδιο τροφοδοσίας από καουτσούκ τύπου H07RN-F ή αντίστοιχο.
Προσοχή: μην αφαιρείτε ποτέ το εργοστασιακό καλώδιο, το οποίο είναι πάντα προσαρμοσμένο στο φωτιστικό. Διαφορετικά, η εγγύησή σας ακυρώνεται.

ΒΑΘΟΣ ΧΩΝΕΥΣΗΣ ΚΑΛΩΔΙΩΝ ΡΕΥΜΑΤΟΣ

Καταρχάς, θα πρέπει να λάβουμε υπόψιν μας τους εθνικούς κανονισμούς.
Εδώ προτείνουμε:
- Για μια περιοχή, η οποία δεν είναι προσβάσιμη στα αυτοκίνητα: Τα καλώδια θα πρέπει να είναι τοποθετημένα εντός πλαστικών σωλήνων, που θα πρέπει να είναι θαμμένοι σε ελάχιστο βάθος 50 cm.

- Για μια περιοχή προσβάσιμη σε αυτοκίνητα ή σε περίπτωση που τα καλώδια θα τρέχουν κάτω από πεζοδρόμιο: Τα καλώδια θα πρέπει να είναι τοποθετημένα εντός πλαστικών σωλήνων, που θα πρέπει να είναι θαμμένοι σε ελάχιστο βάθος 80 cm.

Τα καλώδια της εγκατάστασης οφείλεται να είναι τοποθετημένα σε θήκη TPC (Σωλήνα Προστασίας Καλωδίων), περίβλήματα πολυαιθυλένιου αποτελούμενο από ένα διπλό τοίχος που μπορεί να αντέξει τους κραδασμούς και τη σύνθλιψη.
Για την κάλυψη/θάψιμο των σωλήνων, στους οποίους θα τοποθετηθούν τα καλώδια της εγκατάστασης, πρέπει να χρησιμοποιηθεί χώμα ή άμμος. Σε καμία περίπτωση δεν θα πρέπει καλυφθούν από μεγάλες πέτρες, οι οποίες θα μπορούσαν να φθείρουν τις σωλήνες της εγκατάστασης.

ΕΝΣΩΜΑΤΩΣΗ ΣΕ ΞΥΛΙΝΟ ΔΑΠΕΔΟ

Η διάτρηση του ξύλου, στο οποίο θα τοποθετηθεί το χωνευτό φωτιστικό, θα γίνεται με βάση τη διάμετρο διάτρησης (βλέπε φύλλο προϊόντος, εγχειρίδιο κ.λπ.), την οποία προτείνει η κατασκευάστρια εταιρεία.
Το βάθος κάτω από το ξύλινο δάπεδο πρέπει να επιτρέπει την ενσωμάτωση των σημειακών και αδιάβροχων συνδέσεων. Είναι επίσης απαραίτητο να εξασφαλιστεί η ύπαρξη επαρκούς χώρου κάτω από την εσοχή έτσι ώστε να αποφευχθεί η στασιμότητα του νερού και να μην καμφθεί το καλώδιο ακριβώς στην έξοδο του στηπιοθλίπτη.

ΥΓΡΑΣΙΑ

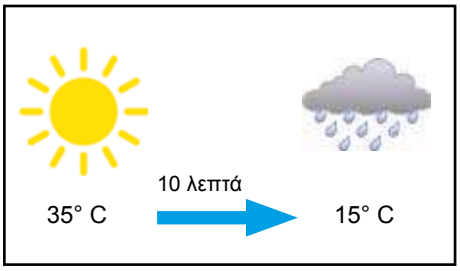
Με εξαίρεση την περίπτωση μη ορθής σύνδεσης (όπως προβλέπεται από το φύλλο εγκατάστασης), η υγρασία είναι πάνω απ' όλα ένα φυσικό φαινόμενο. Η κύρια αιτία εμφάνισής της είναι η τοποθέτηση των φωτιστικών σε περιβάλλον με έντονα υγρή ατμόσφαιρα. Δεδομένου ότι το προϊόν να είναι πλήρως στεγανό (βάση αυτού που αναφέρεται λχ IP65/IP67/IP68), δεν επιτρέπει στην υγρασία, που παρεισφρύει κατά την τοποθέτηση να εξέλθει. Ο ζεστός, υγρός αέρας, που εισέρχεται κατά την τοποθέτηση, με την αλλαγή της ατμοσφαιρικής θερμοκρασίας (εναλλαγή ψύχους-ζέστης), παρουσιάζεται στο εσωτερικό του φωτιστικού με τη μορφή υδρατμών (σταγονίδια νερού). Όταν το νερό εξατμίζεται, δημιουργεί έναν αύξοντα υδρατμό που μπορεί επηρεάζουν τα ηλεκτρικά εξαρτήματα. Μερικές φορές, αυτός ο υδρατμός μπορεί να προκαλέσει την εκκένωση του ηλεκτρικού μετρητή.

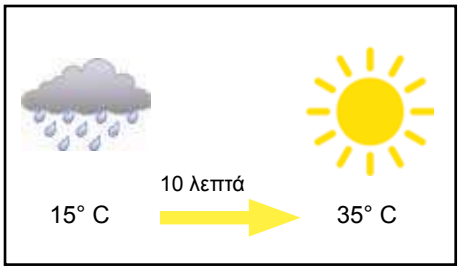
Μια γρήγορη αλλαγή στη θερμοκρασία δημιουργεί επίσης διαφορά πίεσης που επίσης μπορεί να δημιουργήσει συμπύκνωση. Το δεδομένο ότι η ατμοσφαιρική πίεση, η θερμοκρασία και η υγρασία του αέρα είναι σε μια σταθερά εναλλασσόμενη κατάσταση σαφώς και επηρεάζει το φωτιστικό, ανεξάρτητα από τη στεγανότητά του.

Η εγγύηση BEL Lighting δεν καλύπτει τη συμπύκνωση, εκτός εάν είναι γνωστό ότι η είσοδος νερού οφείλεται σε ελάττωμα εργοστασιακό/κατασκευαστικό.
Σε περίπτωση συμπύκνωσης, πρέπει να ελέγξετε τα εξής:
- Είναι σωστά τοποθετημένη η λάμπα;
- Οι σφραγίσεις είναι σωστά κλεισμένες, οι βίδες και το γυαλί αρκετά σφιχτά;
- Εάν πρόκειται για τερματικά, είναι πιθανό η υγρασία που έρχεται από το έδαφος να αποτελεί την αιτία του σχηματισμού της συμπύκνωσης.
Στις περισσότερες από τις κολώνες και τις απλίκες μας, χρησιμοποιούμε γυαλιά «αμμοβολισμένα», στα οποία είναι ορατές οι υγροποιήσεις.

Για τον λόγο αυτό συνιστάται κατά την εγκατάσταση:
- Τοποθετείστε και συναρμολογήστε τα προϊόντα σε περιόδους χωρίς υγρασία (ξηρός καιρός).
- Ελέγξτε την κατάσταση σύσφιγξης όλων των τμημάτων και των καλωδίων (συνδέσεις).
-Συμμορφωθείτε με τις συστάσεις για την εξωτερική καλωδίωση

Σε περίπτωση αμφιβολίας, απευθυνθείτε πάντα σε εξειδικευμένους τεχνικούς.





ΣΥΝΤΗΡΗΣΗ

Απαιτείται τακτικός καθαρισμός, πάντοτε με κατάλληλα προϊόντα, για τη διατήρηση της όψης της επιφάνειας του φωτιστικού. Ποτέ μην χρησιμοποιείτε ισχυρά καθαριστικά ή χημικά διαλύματα, τα οποία μπορεί να φθείρουν την επιφάνεια του μετάλλου. Συνιστούμε τη χρήση ενός υγρού πανιού (κατά προτίμηση μικροϊνών) ή δέρματος σαμουά, καθώς και τη χρήση του προϊόντος μας «INOX POLISH» για τη συντήρηση και τον καθαρισμό εξαρτημάτων από ανοξείδωτο χάλυβα, ορείχαλκο ή χαλκό.

Κατά τη διαδιακσία συντήρησης/καθαρισμού, εάν παρατηρήσετε:
- Ένα ραγισμένο, σπασμένο ή ξεφλουδισμένο προστατευτικό γυαλί
- Ένα φαγωμένο καλώδιο τροφοδοσίας
- Οποιαδήποτε φθορά στα σπειρώματα ή σε άλλα συνδετικά μέρη του φωτιστικού
Ενημερώστε την εταιρεία και φροντίστε να απεγκατασταθεί το φωτιστικό, ώστε να σταλθεί προς έλεγχο και επισκευή.
Σε περίπτωση φθοράς οποιουδήποτε εξαρτήματος ενός φωτιστικού, αρμόδια για την επισκευή και την τοποθέτηση νέου εξαρτήματος (ανταλλακτικού) είναι μόνο η εταιρεία κατασκευής.

Παραδείγματα φωτιστικών πριν και μετά τον καθαρισμό με το προϊόν «POLI INOX»

INOX 304L
πριν καθαρισμό

INOX 304L
μετά καθαρισμό

INOX 316L

ΟΡΕΙΧΑΛΚΟΣ

POLI INOX

Grondstoffen

Inox 304L en 316L

Inox is een uniek materiaal met een uitzonderlijke weerstand en makkelijk recycleerbaar. Zijn functionaliteit en zijn roestvrij staal is een uniek materiaal met een uitzonderlijke weerstand en eenvoudig te recycleren. De functionele waarden maakt het mogelijk om te worden gebruikt, niet alleen voor grote industriële projecten en prestigieuze, maar ook voor iedere tak van industrie (auto industrie, voeding, ...). Roestvrij staal kan ongewijzigd blijven tientallen jaren voordat zij behandelt dient te worden. Bovendien door zijn extreme weerstand voldoet hij aan alle mechanische en thermische sterkte. RVS zelfbescherming door te reageren op atmosferische zuurstof en het creëren van een beschermende membraan. De 304L inox kan vlekken oxidatie (iconische) vertonen die verdwijnt na reiniging. Het nikkel gehalte en chroom gehalte verhoogt de weerstand tegen corrosie. Let op roestvrij staal die is behandeld door instrumenten zoals draaibanken, CNC, enz.. wordt als gevolg van elektrische ladingen die zich ontwikkelde tijdens de behandeling als gevolg van wrijving gemagnetiseerd. Visueel, is inox een van de mooiste materialen, bekend om de duurzaamheid van zijn ontwerpen, hij word gerespecteerd door architecten en interieur ontwerpers. Gemakkelijk te combineren, is dit een uitzonderlijk materiaal.

De gedraaide Inox of RVS producten 304L – geborsteld uiterlijk (Kleurcode = 04):
Kunnen zowel binnen als buiten gebruikt worden maar mogen niet in een vuile atmosfeer geplaatst worden (bv. Industriële zone, haven, zwembad, chemische industrie enz…. Uw project moet op minstens 20km verwijderd zijn van de kust.

Voor een optimale installatie in een agressieve omgeving stellen we het volgende voor:
-versie High (code = 04EP) = Inox 304L geborsteld uiterlijk + Elektrolytisch polijsten.
Aarzel niet een gepersonaliseerde offerte aan te vragen.

De gedraaide Inox of RVS producten 316L – geborsteld uiterlijk (Kleurcode = 16):
Deze kunnen gebruikt worden in agressieve omgevingen (bv. aan zee, aan een zwembad, enz.…) maar let op, dit sluit niet uit dat er zich roestvlekken kunnen vormen indien het toestel niet regelmatig gereinigd word. (vooral in een chlooromgeving of gejodeerd, of als de producten blootgesteld worden aan extreem weer)

Voor een optimale installatie in een agressieve omgeving stellen we het volgende voor:
-versie High+ (code = 16EP) = Inox 316L geborsteld uiterlijk + Elektrolytisch polijsten.
Aarzel niet een gepersonaliseerde offerte aan te vragen.

Elektrolytisch polijsten (oppervlaktebehandeling van roestvast staal)

Inox of RVS genaamd (304L of 316L) geïnstalleerd in een maritieme omgeving (tot 20 km verwijderd van de zee) is gedoemd om vuil te worden. Vuil en andere microscopische deeltjes die met ijzer geladen zijn kunnen zich vast zetten op het oppervlak en samen met de zoute zee-nevel hun oxidatie in vorm van roestvlekken versnellen. Na de elektrolytische behandeling kunnen stof en spray zich niet meer vast zetten. Deze elektrochemische behandeling verwijdert onzuiverheden en ijzer en vermindert het oppervlak door micro-ontbraming. Het oppervlak, gladder en rijker aan chroom krijgt een schitterende glans en een optimale duurzame corrosiebestendigheid.

Verhoogde corrosiebestendigheid: voor de chemische en farmaceutische industrie, voor buiten- en architecturale toepassingen, voor boten en jachten, voor zwembaden en andere situaties van put- en spleetcorrosie.
Aarzel niet ons een persoonlijke prijsofferte te vragen. Deze behandeling is mogelijk op het grootste deel van ons gamma armaturen in inox 304L en 316L.

Koper

Samen met goud,is koper het enige metaal dat van nature is gekleurd. Het natuurlijke aspect van dit metaal is rood, een kleur die hem een metaalglans geeft. Het heeft een thermische en elektrische geleidbaarheid en uitstekende weerstand tegen erosie door water, het maritieme milieu en organische zuren. Het heeft geen magnetische eigenschappen. Het koper beschermt zichzelf door het ontwikkelen van een natuurlijke laag van bruin-groen kleur bij blootstelling aan de externe omgeving.

Messing

Dit is een legering van koper en zink. Harder metaal dan koper, heeft een natuurlijke geelachtige kleur. Messing creëert een natuurlijke laag van bruin-zwart op zijn oppervlak, dit zorgt voor zelfbescherming tegen corrosie bij blootstelling aan de externe omgeving.

Wij voeren de volgende uitvoeringen :

- messing gepolijst
- geborsteld messing
- bronzen afwerking

Aluminium (serie 6000)

Aluminium legering van silicium en magnesium, gebruiken we vooral voor onze productie profielen van verschillende diktes van de 6000-serie. Het heeft een zeer goede decoratieve gedrag, maar ook een uitzonderlijke weerstand tegen atmosferische erosie.

Wij voeren de volgende uitvoeringen :

- geborsteld aluminium
- geanodiseerd aluminium
- gelakt aluminium

Behandeling van het aluminium

Anodiseren : de transformatie van het aluminium oppervlak en het creëren van een kunstmatig laag oxide.
De procedure gebeurt onder gecontroleerde omstandigheden en absoluut goed, deze oxidelaag is zeer consistent en hard om het aluminium te beschermen.
Op al onze producten met kleurcode “32” voeren we een standaard anodisatie uit van **15 microns.**

Voor een optimale installatie in een agressieve omgeving stellen we het volgende voor:
Dubbele heldere anodisatie (code = 32D) of zwart (code = 02A): **20+ microns ”sea side”**
Deze dubbele anodisatie word aanbevolen voor installatie in agressieve omgevingen (aan zee, aan zwembad, enz…)Aarzel niet een gepersonaliseerde offerte aan te vragen.

Elektrostatische verf : Is een polyester verflaag. Een fase waarin het herstel van het metaal gebeurd door een complete meer-traps chromaat omzettingscoating
BEL LIGHTING maakt hoofdzakelijk gebruik van AkzoNobel’s ultra duurzame polyesterverf ontworpen voor buiten architectuur die een hoge weersbestendigheid en langdurige kleurstabiliteit vereist.

Belgische blauwe steen

Van Belgische oorsprong, is gebruikt sinds meer dan 300 jaar in gebouwen doorgeen de Belgische geschiedenis. Dit is waarom de ontwerpers van Bel-Lighting dit hebben geïntroduceerd in hun productie.

De blauwe steen is een onvervangbaar materiaal van uitzonderlijke kwaliteit en, net als hout, stijgt de waarde in de tijd: de erosie zal blijven verfraaien.

Onze armaturen zijn met het label «echt Belgisch Blauwe Hardsteen uit Henegouwen» met de goedkeuring en technische certificaat verleend door het U.B.A.t.c.

Iroko

De exotische hout «Iroko» komt uit Zuid-Afrika. Het type hout dat wordt gebruikt voor de scheepsbouw, tuinmeubilair, ...
Zijn duurzaamheid is meer dan 25 jaar (Wood klasse I).

Het onderhoud wordt een keer per jaar gedaan met :
- een olie voor Iroko of Tek
- een beschermende houtvernis voor buitengebruik

Voor levering heeft het hout reeds twee lagen primer (door impregnatie) gekregen maar geen afwerkings laag. Deze afwerkings laag dient te gebeuren na afwerking van de installatie om een betere weerbestendigheid te garanderen.
Het is een houtsoort van een zeer goede kwaliteit en met een betrouwbare weerstand.

Matières premières

Inox 304L ou 316L

L'acier inoxydable est un matériau unique d'une résistance exceptionnelle et facilement recyclable. Ses valeurs fonctionnelles et sa valeur monétaire lui permettent d'être utilisé non seulement pour des projets industriels majeurs et prestigieux, mais également pour toute forme d'industrie (automobile, alimentaire, ...). L'inox peut rester inchangé des décennies avant de devoir subir un quelconque traitement. En plus de son extrême résistance à la corrosion, il répond aux exigences de toutes les résistances mécaniques et thermiques. L'inox s'auto-protège en réagissant à l'oxygène atmosphérique en créant une membrane résistante de protection. Le 304L inoxydable (L= faible en carbone), peux présenter des taches d'oxydation qui disparaissent grâce au nettoyage. Sa teneur en nickel et chrome principalement augmente sa résistance à la corrosion. Attention, l'inox qui a subi un traitement par des instruments comme tours, CNC, etc... se magnétise en raison des charges électriques qui se sont développées pendant le traitement en raison du frottement. Visuellement, l'inox est l'un des plus beaux matériaux, connu pour la durabilité de ses designs, il l'emporte haut la main chez les architectes et les décorateurs. Facilement combinable, c'est un matériau exceptionnel.

Les produits en Inox 304L tourné - aspect brossé (code couleur = 04):
Ils sont utilisables à l'intérieur et à l'extérieur, mais ne doivent pas être posés dans une atmosphère polluée (Zone industrielle, portuaire, piscine, industrie chimique, étable, etc..). Le lieu de votre projet doit être situé à plus de 20km des côtes.

Pour une installation optimale en milieu agressif, nous proposons:
- version High (code = 04EP) = Inox 304L aspect brossé + Electropolissage
N'hésitez pas à demander une offre personnalisée

Les produits en Inox 316L tourné - aspect brossé (code couleur = 16):
Ils sont utilisables en milieux agressifs (bord de mer, bord de piscine, etc.), mais attention, ceci n'exclut pas l'apparition de quelques points de rouille si le luminaire n'est pas entretenu régulièrement (surtout en milieux chlorés et iodés, ou si les produits sont exposés à des fortes intempéries)

Pour une installation optimale en milieu agressif, nous proposons:
- version High+ (code = 16EP) = Inox 316L aspect brossé + Electropolissage
N'hésitez pas à demander une offre personnalisée

L'électropolissage sur l'inox

L'inox (304L ou 316L) installé dans un environnement marin (jusqu'à 20km de la mer) est condamné à devenir terne. Les saletés et autres poussières microscopiques chargées en fer vont pouvoir s'y stocker et se mélanger aux sels des embruns de bord de mer et accélérer ainsi leur oxydation en tâches de rouille.
Après traitement electropolissage, les poussières et les embruns ne peuvent plus se stocker. Ce traitement purement électrochimique enlève les impuretés et le fer et diminue la surface par un micro-ébavurage. La surface, plus lisse et plus riche en chrome, obtient un éclat brillant et une résistance à la corrosion optimale et durable.

Ce procédé est utilisé pour l'industrie chimique et pharmaceutique, pour des applications extérieures et d'architecture, des bateaux et yachts, pour piscines, pour les situations maritimes et d'autres applications faisant face à la corrosion par piqûres.
N'hésitez pas à demander une offre personnalisée car ce procédé est réalisable sur la plupart de nos luminaires en inox 304L ou 316L.

Cuivre

Avec l'or, le cuivre est le seul métal naturellement coloré. L'aspect naturel de ce métal a une couleur rouge ce qui lui donne un éclat métallique lorsqu'il brille. Il a une conductibilité thermique et électrique et une résistance excellente à l'érosion d'eau, l'environnement marin et aux acides organiques. Il ne présente pas d'attribut magnétique. Le cuivre s'auto-protège en développant une couche naturelle de couleur brune/verte lorsqu'il est exposé à l'environnement extérieur.

Laiton

C'est un alliage de cuivre et de zinc. Métal plus dur que le cuivre, il a un aspect naturel jaunâtre. Le laiton crée une couche naturelle de couleur brune/noire à sa surface pour s'auto-protéger de la corrosion lorsqu'il est exposé à l'environnement extérieur.

Nous effectuons les finitions suivantes :

- laiton poli
- laiton brossé
- finition bronze

Aluminium (série 6000)

Alliage d'aluminium de silicium et de magnésium, nous utilisons principalement pour notre production des profilés de différentes épaisseurs de la série 6000. Il présente une très bonne conduite décorative, mais aussi une résistance exceptionnelle à l'érosion atmosphérique.

Nous effectuons les finitions suivantes :

- aluminium brossé
- aluminium anodisé
- aluminium peint

Traitements de l'aluminium

Anodisation : c'est la transformation de la surface de l'aluminium et la création d'une couche artificielle d'oxyde.
La procédure se fait sous des conditions absolument contrôlées et ainsi cette couche d'oxyde est très cohérente et dure pour protéger l'aluminium.
Sur l'ensemble de nos produits avec le code couleur «32», nous effectuons une anodisation standard égale à **15 microns.**

Pour une installation optimale en milieu agressif, nous proposons:
double anodisation claire (code = 32D) ou noire (code= 02A): **20+ microns «sea side»**
Cette double anodisation est recommandée pour une installation en milieu agressif (bord de mer, bord de piscine, etc.)
N'hésitez pas à demander une offre personnalisée.

Peinture électrostatique : c'est une couche polyesterique de peinture. Le stade antérieur est le recouvrement du métal avec un revêtement de conversion au chromate complet à plusieurs étapes afin qu'il soit encore plus résistant à l'érosion.
BEL LIGHTING utilise principalement des peintures polyester ultra durables du fabricant AkzoNobel, conçues pour l'architecture extérieure nécessitant un haut niveau de résistance aux intempéries et une stabilité de la couleur à long terme.

Pierre bleue belge

D'origine belge, elle est utilisée depuis plus de 300 ans dans les constructions au travers de l'histoire belge. C'est donc une partie de cette histoire que les designers de Bel-Lighting ont introduit dans leur production.

La pierre bleue constitue une matière irremplaçable d'une qualité exceptionnelle et qui, tout comme le bois, augmente en valeur avec le temps : l'érosion et la patine continuent à l'embellir.

Nos luminaires portent l'étiquette « véritable Pierre Bleue belge du Hainaut » avec l'approbation technique et le Certificat accordé par l'U.B.A.t.c.

Iroko

Le bois exotique « Iroko » provient du sud de l'Afrique. Le même type de bois est utilisé pour les constructions navales, hydrauliques, les meubles extérieurs,… Sa résistance est de plus de 25 ans (Wood class I).

Son entretien se fait une fois par an avec :
- une huile pour Iroko ou Tek
- un vernis de protection pour bois extérieur

Avant livraison, le bois a reçu deux couches de primaire (imprégnation) et aucune couche de finition, celle-ci est à faire lors de l'installation afin d'améliorer sa résistance aux intempéries.
C'est un bois d'une excellente qualité et d'une résistance fiable.

Raw materials

Stainless steel 316 and 304L

Stainless steel is a unique material with exceptional resistance that can be easily recycled. Its values and its functional cash value allows it to be used not only for prestigious and major industrial projects, but also for any type of industry (automotive, food, ...). Stainless steel can remain unchanged for decades before having to undergo any treatment. In addition to its extreme resistance to corrosion, it also has thermal and mechanical resistance. Stainless steel is self protected by responding to atmospheric oxygen by creating a resistant protective membrane.The 304L stainless can cause oxidation stains (iconic) that disappear through cleaning. Its nickel content, mainly chromium, increases its resistance to corrosion. Beware stainless steel that has been treated by instruments as lathes, CNC, etc.. is magnetized due to electrical charges that develop during treatment because of friction.

Turned stainless steel 304L products - brushed appearance (color code = 04):
They can be used indoors and outdoors but should not be placed in a polluted atmosphere (industrial zone, port, swimming pool, chemical industry, barn, etc.). The place of your project must be located more than 20km from the coast.

For optimal installation in aggressive environments, we offer:
- High version (code = 04EP) = Stainless steel 304L brushed appearance + Electropolishing
Do not hesitate to ask for a personalized offer

Turned stainless steel 316L products - brushed appearance (color code = 16):
They can be used in aggressive environments (seaside, poolside, etc.), but be careful, this does not exclude the appearance of some rust spots if the luminaire is not maintained regularly (especially in chlorinated environments and iodized, or if the products are exposed to severe weather)

For optimal installation in aggressive environments, we offer:
- High + version (code = 16EP) = Stainless steel 316L brushed appearance + Electropolishing
Do not hesitate to ask for a personalized offer

Electropolishing of stainless steel

Stainless steel (304L or 316L) installed in a marine environment (up to 20km from the sea) is doomed to become dull. Dirt and other microscopic dust loaded with iron will be able to store and mix with the salts of seaside spray and accelerate their oxidation into rust stains.
After electropolishing treatment, dust and spray can no longer be stored. This purely electrochemical treatment removes impurities and iron and reduces the surface by micro-deburring. The surface, smoother and richer in chrome, gets a brilliant shine and an optimal and durable corrosion resistance.

This process is used for the chemical and pharmaceutical industry, for external and architectural applications, boats and yachts, swimming pools, for marine situations and other applications facing to pitting corrosion. Feel free to request a personalized offer, this process is available on most of our lights in stainless steel 304L or 316L.

Copper

Together with gold, copper is the only metal that is naturally colored. The natural aspect of this metal has a red color which gives it a metal look when it shines. It has a thermal and electrical conductivity and has excellent resistance to erosion of water, Marine environment and organic acids. It has no magnetic attributes. Copper is self protected by developing a layer of natural brown-green when exposed to the outside environment.

Brass

This is an alloy of copper and zinc. A harder metal than copper, it has a yellowish natural view. Brass creates a natural layer of brown-black on its surface for self protection from corrosion when exposed to the external environment.

We perform the following finishes :

- polished brass
- brushed brass
- bronze finish

Aluminum (series 6000)

Alloys like Aluminum of silicon and magnesium, are used in principal for our production profiles of different thicknesses of the 6000 series. It has very good decorative conduct, but also an exceptional resistance to atmospheric erosion.

We perform the following finishes :

- brushed aluminum
- anodized aluminum
- painted aluminum

Aluminum treatments

Anodization: is the transformation of the surface of the aluminum and the creation of an artificial layer of oxide. The process is done under controlled conditions and so this oxide layer is very consistent and hard in order to protect the aluminum.
On all our products with the color code «32», we perform a standard anodization equal to **15 microns**.

For optimal installation in aggressive environments, we offer:
double clear anodization (code = 32D) or black (code = 02A): **20+ microns «sea side»**
This double anodizing is recommended for installation in aggressive environments (seaside, poolside, etc.)
Do not hesitate to ask for a personalized offer.

Electrostatic painting: it is a polyester layer of paint. The prior stage is the coating of the metal with a multi-step full chromate conversion coating to make it even more resistant to erosion.
BEL LIGHTING mainly uses AkzoNobel's ultra-durable polyester paints, designed for outdoor architecture requiring a high level of weather resistance and long-term color stability.

Belgian stone

Of Belgian origin, it has been used for over 300 years in buildings throughout Belgian history. This is part of the story that the designers of Bel-Lighting have introduced into their production.

The blue stone is an irreplaceable material of exceptional quality, just like wood, it increases in value with time: erosion and patina continue to enhance & garnish.

Our range in stone are labeled «real Belgian Hainaut Blue Stone» with the approval and technical certificate delivered by U. B.A.t.c

Iroko

The exotic wood «Iroko» comes from South Africa. The same type of wood is used for ships building, hydraulics, outdoor furniture, ...
It's strength lasts more than 25 years (Wood class I).

Maintenance is done once a year with:
- an oil for Iroko or Tek
- a protective varnish for exterior wood

Before delivery, the wood has received two layers of primer (impregnation) and no topcoat, it is to do during installation to improve its weather resistance.
It is a wood of excellent quality and reliable resistance.

Materialien

Inox 304L oder 316L

Der rostfreie Stahl ist ein einzigartiges Material mit einer außergewöhnlichen Widerstandskraft und einfachen Wiederverwertbarkeit. Die funktionellen Werte und der wirtschaftliche Wert des Inox Stahls eignen sich nicht nur für den Einsatz in wichtigen und prestigeträchtigen Industrieprojekten sondern auch für jegliche andere Industriezweige (Automobil, Lebensmittel….) Inox kann jahrzehntelang unverändert bleiben bevor er irgendeiner Verarbeitung unterzogen wird. Außer der extremen Widerstandsfähigkeit gegen Korrosion (Rosten), erfüllt er auch die Anforderungen aller mechanischen und thermischen Widerständskräfte. Inox reagiert auf Sauerstoff indem er eine resistente Schutzmembran entwickelt. Der 304L rostfreie Stahl kann Oxidierungsflecken aufweisen, welche aber durch Reinigung entfernt werden können. Seine Nickel- und Chrombestandteile erhöhen grundsätzlich seine Korrosionsresistenz. Vorsicht, Inox der durch Instrumente wie Drehzahlmesser, CNC (computergestützte numerische Steuerung) etc. verarbeitet wird, magnetisiert durch elektrische Ladung, die im Laufe der Behandlung durch Reibung entsteht. Optisch betrachtet zählt Inox zu den schönsten Materialien, bekannt für sein haltbares Design hat er einen hohen Stellenwert bei Architekten und Dekorateuren. Da er leicht kombinierbar ist, gehört er zu den Ausnahmematerialien.

Gedrehte Edelstahl 304L Produkte - gebürstet (Farbcode = 04):
Sie können im Innen- und Außenbereich verwendet werden, sollten jedoch nicht in einer verschmutzten Atmosphäre (Industriezone, Hafen, Schwimmbecken, chemische Industrie, Scheune usw.) aufgestellt werden. Der Ort Ihres Projekts muss mehr als 20 km von der Küste entfernt sein.

Für eine optimale Installation in aggressiven Umgebungen bieten wir:
- Hohe Version (Code = 04EP) = Edelstahl 304L gebürstet + Elektropolieren
Zögern Sie nicht, nach einem persönlichen Angebot zu fragen

Gedrehtes Edelstahl 316L - gebürstet (Farbcode = 16):
Sie können in aggressiven Umgebungen (am Meer, am Pool usw.) verwendet werden, aber seien Sie vorsichtig, dies schließt das Auftreten von Rostflecken nicht aus, wenn die Leuchte nicht regelmäßig gewartet wird (insbesondere in chlorierten Umgebungen und jodiert, oder wenn die Produkte sind) Unwetter ausgesetzt)

Für eine optimale Installation in aggressiven Umgebungen bieten wir:
- High + Version (Code = 16EP) = Edelstahl 316L gebürstet + Elektropolieren
Zögern Sie nicht, nach einem persönlichen Angebot zu fragen.

Inox-Stahl Elektropolierung

Edelstahl (304L oder 316L), das in einer Meeresumgebung (bis zu 20 km vom Meer entfernt) installiert wird, ist dazu verdammt, stumpf zu werden. Schmutz und andere mikroskopisch kleine, mit Eisen beladene Stäube können gespeichert werden und mit den Salzen des Meeressprays gemischt werden und ihre Oxidation zu Rostflecken beschleunigen.
Nach der Elektropolierbehandlung können Staub und Sprühnebel nicht mehr gelagert werden. Diese rein elektrochemische Behandlung entfernt Verunreinigungen und Eisen und reduziert die Oberfläche durch Mikroentgraten. Die Oberfläche, glatter und reicher an Chrom, erhält einen brillanten Glanz und eine optimale und dauerhafte Korrosionsbeständigkeit.

Dieses Verfahren erhöht die Korrosionsresistenz und wird in der chemischen- und pharmazeutischen Industrie eingesetzt, bei äußeren und architektonischen Anwendungen, Booten und Jachten, Schwimmbädern, im maritimen Bereich und anderen Anwendungen die von Lochfraß betroffen sind. Zögern Sie nicht ein individuelles Angebot anzufordern. Dieses Verfahren läßt sich mit der Mehrheit der Inox Leuchten 304L oder 316L durchführen.

Messing

Es handelt sich um die Legierung aus Kupfer und Zink. Das Messing ist härter als Kupfer und hat einen natürlichen gelblichen Farbton. Das Messing entwickelt eine natürliche braun-schwarze Farbschicht an der Oberfläche um sich vor der Korrosion zu schützen wenn es den äußeren Witterungen ausgesetzt ist.

Wir verarbeiten folgende Messingsorten :

- glänzend Messing
- poliert Messing
- aus Bronze

Kupfer

Gold und Kupfer sind die einzigen Metalle mit natürlichen Farben. Die natürliche Farbe des Kupfers geht ins Rötliche, was einen metallischen Schimmer hervorbringt wenn es glänzt. Das Kupfer hat eine thermische und elektrische Leitungsfähigkeit, besitzt eine exzellente Resistenz gegen Wassererosion, im maritimen Umfeld und gegen organische Säure. Es weist keine magnetischen Eigenschaften auf. Als Selbstschutz entwickelt das Kupfer eine natürliche Schicht in braun-grüner Farbe wenn es den äußeren Witterungen ausgesetzt ist.

Aluminum (Serie 6000)

Für die Legierung von Aluminium, Silicium und Magnesium nutzen wir hauptsächlich für unsere Produktion Profilstahl in unterschiedlichem Umfang der Serie 6000. Das Aluminium besitzt gute Leitungsfähigkeiten, allerdings auch eine außergewöhnliche Resistenz gegen Lufterosion.

Wir verarbeiten folgende Ausführungen :

- Aluminium poliert
- anodisiert Aluminum
- gestrichen Aluminum

Aluminiumverarbeitung

Anodisierung: : ist die Umwandlung der Oberfläche des Aluminiums und die Schaffung einer künstlichen Oxidschicht. Der Prozess wird unter kontrollierten Bedingungen durchgeführt und daher ist diese Oxidschicht sehr beständig und hart, um das Aluminium zu schützen.
Bei allen unseren Produkten mit dem Farbcode «32» führen wir eine Standardanodisierung von **15 Mikron** durch.

Für eine optimale Installation in aggressiven Umgebungen bieten wir:
Doppelklare Anodisation (Code = 32D) oder Schwarz (Code = 02A): **20+ Mikron** «Meerseite»
Diese doppelte Eloxierung wird für die Installation in aggressiven Umgebungen (am Meer, am Pool usw.) empfohlen.
Zögern Sie nicht, nach einem persönlichen Angebot zu fragen.

Eletrostatische Lackierung: Es ist eine Polyester-Farbschicht. Die Vorstufe ist die Beschichtung des Metalls mit einer mehrstufigen Vollchromat-Beschichtung, um es noch widerstandsfähiger gegen Erosion zu machen.
BEL LIGHTING verwendet hauptsächlich AkzoNobels extrem haltbare Polyesterfarben, die für die Außenarchitektur entwickelt wurden und eine hohe Wetterbeständigkeit und langfristige Farbstabilität erfordern.

Stein aus Belgien

Dieser Stein stammt aus Belgien und wird seit über 300 Jahren im Bauwesen der belgischen Geschichte eingesetzt. Es handelt sich also um ein Stück belgische Geschichte die die Designer von Bel-Lighting in ihre Produktion übernommen haben.

Der Blaustein besteht aus einer unersetzbaren Materie mit einer ganz besonderen Qualität und gewinnt, so wie das Holz, mit der Zeit an Wert: Die Erosion und die Patina tragen zur Verschönerung bei.

Unsere Leuchten tragen die Aufschrift „wahrer Blaustein aus Belgien-Hennegau“ mit der technischen Zulassung und dem vom U.B.A.t.c. (Belgischer Verband für technische Zulassungen im Bauwesen) ausgestellten Zertifikat.

Iroko

Das exotische Holz namens „Iroko“ stammt aus Südafrika. Die gleiche Holzart wird für den Schiffs- und Wasserbau, Außenaustattungen/ Verkleidungen verwendet. Die Haltbarkeit reicht für mehr als 25 Jahre (Wood class I).

Die Behandlung erfolgt einmal im Jahr mit:
- einem Spezialöl für Iroko oder Tekholz
- einem Schutzlack für Außenholz

Vor der Lieferung hat das Holz zwei Schichten Grundierung (Imprägnierung) und keine Deckschicht erhalten, es ist während der Installation zu tun, um seine Witterungsbeständigkeit zu verbessern.
Es ist ein Holz von ausgezeichneter Qualität und zuverlässiger Beständigkeit.

ΠΡΩΤΕΣ ΥΛΕΣ

Ανοξείδωτος χάλυβας 316L - 304L

Ο ανοξείδωτος χάλυβας είναι ένα μοναδικό υλικό εξαιρετικής αντοχής και εύκολα ανακυκλώσιμο. Η λειτουργικότητά του και η νομισματική του αξία επιτρέπει να χρησιμοποιείται όχι μόνο για μείζονος κύρους βιομηχανικά έργα, αλλά και για κάθε μορφή βιομηχανίας (αυτοκίνητο, τρόφιμα, ...). Ο ανοξείδωτος χάλυβας μπορεί να παραμείνει αμετάβλητος για δεκαετίες, πριν υποβληθεί σε οποιαδήποτε συντήρηση. Εκτός από την εξαιρετική αντίσταση στη διάβρωση, ικανοποιεί τις απαιτήσεις μηχανικής αντοχής και θερμικής καταπόνησης. Ο ανοξείδωτος χάλυβας προστατεύει τον εαυτό του αντιδρώντας στο ατμοσφαιρικό οξυγόνο δημιουργώντας μια ισχυρή προστατευτική διάφανη μεμβράνη. Το ανοξείδωτο 304L μπορεί να παρουσιάσει σημεία οξείδωσης (καφέ-κόκκινα στίγματα), τα οποία εξαφανίζονται με τον καθαρισμό. Η περιεκτικότητά του σε νικέλιο και χρώμιο είναι που αυξάνει, κυρίως, την αντοχή του στη διάβρωση. Προσοχή, ο ανοξείδωτος χάλυβας που έχει υποβληθεί σε επεξεργασία με όργανα όπως τόρνοι, CNC, κλπ. μαγνητίζει λόγω των ηλεκτρικών φορτίων που αναπτύχθηκαν κατά τη διάρκεια της κατεργασίας λόγω τριβής. Οπτικά, ο ανοξείδωτος χάλυβας είναι ένα από τα πιο όμορφα υλικά. Το φινίρισμά του, η ανθεκτικότητά του και η δυνατότητα επεξεργασίας του τον καθιστά το πλέον αγαπημένο υλικό σε αρχιτέκτονες και διακοσμητές.

Προϊόντα από ανοξείδωτο χάλυβα 304L (κωδικός χρώματος = 04):
Μπορούν να χρησιμοποιηθούν σε εσωτερικούς και εξωτερικούς χώρους, αλλά δεν πρέπει να τοποθετούνται σε μολυσμένη ατμόσφαιρα (Βιομηχανική Ζώνη, λιμάνι, πισίνα, χημική βιομηχανία κλπ.). Ο τόπος του έργου σας πρέπει να βρίσκεται σε μεγάλη απόσταση από την ακτή και το ποσοστό υγρασίας θα πρέπει να παραμένει χαμηλό. Τα φωτιστικά θα πρέπει πάντα να συντηρούνται, και μάλιστα σε τακτά διαστήματα, με την ειδική αλοιφή, που προτείνει η εταιρεία μας (Poli INOX) και την οποία μπορείτε να δείτε στον κατάλογο.

Τα προϊόντα από ανοξείδωτο χάλυβα 316L (κωδικός χρώματος = 16):
Μπορούν να χρησιμοποιηθούν σε επιθετικά περιβάλλοντα (παραθαλάσσια, δίπλα στην πισίνα κ.λπ.), αλλά προσέξτε, αυτό δεν αποκλείει την εμφάνιση Μερικής οξείδωσης, εάν το φωτιστικό δεν συντηρείται τακτικά (ειδικά σε χλωριωμένα και ιωδιωμένα περιβάλλοντα ή εάν τα προϊόντα εκτίθενται σε έντονα καιρικά φαινόμενα).
Γιατί προτιμάτε τον ανοξείδωτο χάλυβα 316L με γυαλιστερό/γυαλισμένο φινίρισμα σε επιθετικά περιβάλλοντα;
Η απάντηση βρίσκεται στο ότι αυτού του είδους το βούρτσισμα, που δίνει αυτή την όψη γυαλισμένου (καθρέπτη) στον ανοξείδωτο χάλυβα, δεν επιτρέπει στη σκόνη να φωλιάσει στους πόρους του ανοξείδωτου, όπως συμβαίνει με το συμβατικό βούρτσισμα, που του χαρίζει ματ. Η βρωμιά και η μικροσκοπική σκόνη εμπλουτισμένη με σίδηρο μπορεί να αποθηκευτεί στους πόρους, που δεν κλείνουν πλήρως στο ματ φινίρισμα, και έτσι να αναμιχθεί επίσης με τα άλατα του θαλάσσιου περιβάλλοντος, με αποτέλεσμα να επιταχυνθεί η οξείδωση και η εμφάνιση στιγμάτων. Το γυαλιστερό φινίρισμα τύπου καθρέφτης δημιουργεί μια εντελώς λεία επιφάνεια, στην οποία η σκόνη και οι ρίποι δεν μπορούν να αποθηκευτούν.

Για βέλτιστη εγκατάσταση σε επιθετικά περιβάλλοντα, προσφέρουμε διαφορετικές λύσεις:
- βασική έκδοση (κωδικός χρώματος = 16) = βουρτσισμένος ανοξείδωτος χάλυβας 316L
- Μεσαία έκδοση (κωδικός χρώματος = 16G) = γυαλισμένο με καθρέφτη 316L ανοξείδωτο ατσάλι (γυαλιστερό)
- Υψηλή έκδοση + (κωδικός χρώματος = GEP) = γυαλιστερό καθρέφτη 316L από ανοξείδωτο χάλυβα (γυαλιστερό) + ηλεκτρο-στίλβωση

Μην διστάσετε να ζητήσετε εξατομικευμένη προσφορά για τις εκδόσεις «Μεσαία» και «Υψηλή».

Ηλεκτρο-στίλβωση ανοξείδωτου ατσαλιού

Ο ανοξείδωτος χάλυβας (304L ή 316L) εγκατεστημένος σε θαλάσσιο περιβάλλον είναι πολύ πιθανό να παρουσιάσει σημεία οξείδωσης σύντομα. Αυτή η καθαρά ηλεκτροχημική επεξεργασία αφαιρεί τις ακαθαρσίες και μειώνει την επιφάνεια με μικροδιαβροχοποίηση.
Η επιφάνεια, ομαλότερη και πλουσιότερη σε χρώμιο, επιτυγχάνει μια λάμψη, αλλά και βέλτιστη και ανθεκτικότητα στη διάβρωση.

Αυτή η διαδικασία αυξάνει την ανθεκτικότητα του υλικού στη διάβρωση. Χρησιμοποιείται κυρίως στη χημική και φαρμακευτική βιομηχανία, καθώς και σε εξωτερικές και αρχιτεκτονικές εφαρμογές, όπως σκάφη, yachts, πισίνες και γενικά σε υδάτινο περιβάλλον.
Μη διστάσετε να επικοινωνήσετε μαζί μας, για να μάθετε περισσότερα και να δείτε σε ποια από τα προϊόντα μας μπορεί να πραγματοποιηθεί αυτή η ιδιαίτερη επεξεργασία.

Ορείχαλκος

Ο ορείχαλκος είναι ένα κράμα χαλκού και ψευδαργύρου. Το μέταλλο αυτό είναι πιο σκληρό από τον χαλκό και έχει φυσική κιτρινωπή εμφάνιση. Ο ορείχαλκος δημιουργεί ένα φυσικό στρώμα μαύρο-καφέ στην επιφάνειά του, για να προστατεύεται από τη διάβρωση όταν εκτίθεται σε εξωτερικό περιβάλλον.

Στον κατάλογό μας θα βρείτε τον ορείχαλκο σε τρεις διαφορετικές επιλογές:

- γυαλισμένο ορείχαλκο
- βουρτσισμένο ορείχαλκο
- μπρονζέ φινίρισμα

Αλουμίνιο (σειρά 6000)

Πρόκειται για κράμα αλουμινίου πυριτίου και μαγνησίου, το οποίο χρησιμοποιούμε κυρίως για τα προφίλ, σε διαφορετικό πάχος, στην παραγωγή μας. Παρουσιάζει εξαιρετική αντίσταση στην ατμοσφαιρική διάβρωση και έχει μια Ραφιναρισμένη όψη.

Στον κατάλογό μας θα βρείτε το αλουμίνιο σε τρεις στάνταρ version:

- βουρτσισμένο αλουμίνιο
- ανοδείωμενο αλουμίνιο
- βαμμένο αλουμίνιο

Επεξεργασίες στο αλουμίνιο

Ανοδείωση : είναι η μετατροπή της επιφάνειας του αλουμινίου και η δημιουργία ενός τεχνητού στρώματος οξειδίου.
Η διαδικασία γίνεται υπό απόλυτα ελεγχόμενες συνθήκες και έτσι αυτό το στρώμα οξειδίου είναι απολύτως ανθετκικό και σκληρό για την προστασία του αλουμινίου. Προτείνουμε 2 λύσεις:
τυπική ανοδίωση (κωδικός χρώματος = 32): **15 μικρά**
διπλή ανοδίωση (κωδικός χρώματος = 32D): **20+ μικρά**
Αυτή η διπλή ανοδίωση συνιστάται για εγκατάσταση σε επιθετικά περιβάλλοντα (παραθαλάσσια, δίπλα στην πισίνα, κ.λπ.)
Μην διστάσετε να ζητήσετε μια εξατομικευμένη προσφορά.

Ηλεκτροστατική βαφή : είναι ένα στρώμα πολυεστερικού χρώματος. Προηγείται η απολάδωση και επίστρωση με ειδικό αστάρι, πριν ξεκινήσουν τα πολλαπλά στάδια βαφής, ώστε να είναι ακόμα πιο ανθεκτική η όψη του στη διάβρωση.
Η BEL LIGHTING χρησιμοποιεί ανθεκτικά χρώματα πολυεστέρα από της AkzoNobel, σχεδιασμένα για αρχιτεκτονική εξωτερικών χώρων, όπου απαιτείται υψηλό επίπεδο αντοχής στις καιρικές συνθήκες και μακροχρόνια σταθερότητα χρώματος.

Χαλκός

Μαζί με τον χρυσό, ο χαλκός είναι το μόνο μέταλλο σε φυσικό χρώμα. Η φυσική εμφάνιση αυτού του μετάλλου έχει ένα κόκκινο χρώμα ,που του δίνει μια ιδιαίτερη λάμψη. Έχει θερμική και ηλεκτρική αγωγιμότητα και εξαιρετική αντοχή στη διάβρωση του νερού, σε περιβάλλον θαλάσσια και οργανικά οξέα. Δεν έχει μαγνητικά χαρακτηριστικά. Ο χαλκός προστατεύει τον εαυτό του αναπτύσσοντας ένα στρώμα οπτικά καφέ-πράσινο, μια πατίνα, όταν εκτίθεται στο εξωτερικό περιβάλλον.

Μάρμαρο Βελγίου

Στο Βέλγιο έχει χρησιμοποιηθεί για πάνω από 300 χρόνια στην κατασκευή κτηρίων. Η βελγική αυτή πέτρα είναι μέρος της βελγικής ιστορίας, που οι σχεδιαστές της Bel-Lighting επέλεξαν να χρησιμοποιήσουν στην κατασκευή των υλικών της.
Η μπλε πέτρα είναι ένα αναντικατάστατο υλικό εξαιρετικής ποιότητας και, όπως το ξύλο, αυξάνει την αξία της συν το χρόνο:
η διάβρωση και η πατίνα που δημιουργούνται συνεχίζουν να την ομορφαίνουν.
Τα φωτιστικά μας φέρουν την ετικέτα «True Belgian Blue Stone of Hainaut» με την τεχνική έγκριση και το πιστοποιητικό που έχει χορηγηθεί από το U.B.A.t.c.

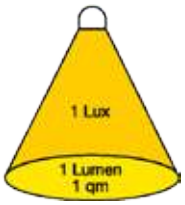
Ξύλο iroko

Το εξωτικό ξύλο «Iroko» προέρχεται από τη νότια Αφρική. Ο ίδιος τύπος ξύλου χρησιμοποιείται στη ναυπηγική, στην κατασκευή επίπλων εξωτερικού χώρου, κ.α. Η αντοχή του είναι πάνω από 25 χρόνια (ξύλινη κλάση I).

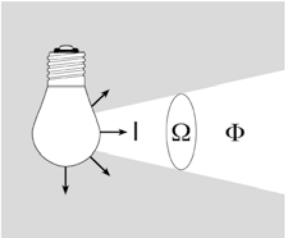
Η συντήρησή του γίνεται μία φορά το χρόνο με δύο τρόπους:
- ένα λάδι για το Iroko ή το Tek
- προστατευτικό βερνίκι για εξωτερικό ξύλο

Πριν από την παράδοση, το ξύλο έχει λάβει δύο στρώσεις αστάρι (impregnation) και η τελική επίστρωση πρέπει να γίνει μετά την εγκατάσταση, για να βελτιώσει την ανθεκτικότητά του στις καιρικές συνθήκες.
Είναι ένα ξύλο εξαιρετικής ποιότητας και αξιόπιστης αντίστασης.

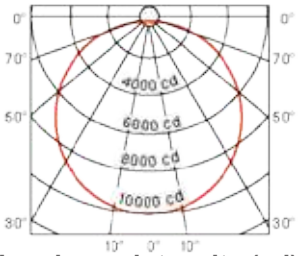
Unit of light measurement



Illuminance (lx)



Luminous flux (lm)



Luminous intensity (cd)

Verlichting

lux : (lx) de lux stemt dus overeen met de verlichtingssterkte die men heeft wanneer iedere vierkante meter van het beschouwde oppervlak een lichtstroom van één lumen ontvangt. Het aantal lux wordt bijgevolg gevonden als het quotiënt van de totaal ontvangen lichtstroom, uitgedrukt in lumen, en de grootte van het verlichte oppervlak uitgedrukt in vierkante meters; derhalve is 1 lux = 1 lumen/m².

L'éclairement

lux : (lx) compte la luminosité ,c'est-à-dire l'écoulement lumineux qui tombe sur une surface concrète.Cette mesure est influencée par la fréquence de la radiation et la distance de la source. Plus grande est la distance de la source lumineuse, plus petite sera la luminosité. L'unité lux représente les lumens par mètre carré de surface (lumen/m2) et est utilisée pour déterminer l'écoulement lumineux indispensable au point éclairé. La différence entre lux et lumen est que le lux prend en compte la surface sur laquelle tombe l'écoulement lumineux.

Illuminance

lux : (lx) the brightness, i.e. the luminous flow which falls on a concrete surface. This measure is influenced by the frequency of the radiation and the distance from the source. The greater the distance from the light source, the smaller the brightness. The lux unit represents brightness per square meter of surface (lumen/m2) and is used to determine the flow of light in critical points. The difference between lux and lumen is that lux takes into account the surface on which the light flow falls.

Beleuchtung

lux : (lx) misst die Leuchtkraft, d.h. den Lichteinfall auf eine bestimmte Fläche. Diese Messung wird von der Strahlenfrequenz und der Distanz zur Lichtquelle beeinflußt. Je weiter der Abstand zur Leuchtquelle, desto kleiner die Leuchtkraft. Die Einheit lux steht für Lumens pro m² Fläche (lumen/m²) und wird zur Bestimmung des notwendigen Lichteinfalls am beleuchteten Punkt genutzt. Der Unterschied zwischen Lux und Lumen ist der, dass Lux die Fläche auf die das Licht einfällt, mitberücksichtigt.

Φωτισμός

lux : lx (λούξ) Σε lux μετριέται η φωτεινότητα (illuminance), δηλαδή η φωτεινή ροή που προσπίπτει σε μία συγκεκριμένη επιφάνεια, μακριά από μία φωτεινή πηγή. Η τιμή αυτή επηρεάζεται από τη συχνότητα της ακτινοβολίας και την απόσταση από την πηγή. Όσο μεγαλύτερη είναι η απόσταση από τη φωτεινή πηγή, τόσο μικρότερη θα είναι η φωτεινότητα. Η μονάδα lux αντιπροσωπεύει τα lumens ανά τετραγωνικό μέτρο επιφάνειας (lumen/m2) και χρησιμοποιείται, για να προσδιορίσει την απαραίτητη φωτεινή ροή στο φωτιζόμενο σημείο. Η διαφορά ανάμεσα σε lux και σε lumen είναι ότι το lux λαμβάνει υπόψη την επιφάνεια, στην οποία προσπίπτει η φωτεινή ροή.

Lichtstroom

Alle uitgestraald vermogen uitgezonden door een lichtbron en waargenomen door het heet lichtstroom.
lumen : (lm) rekening houdend met de stroom van licht (flux), dat een lichtbron produceert.

Flux lumineux

Toute la puissance rayonnée émise par une source lumineuse et perçue par l'œil est appelée flux lumineux .
lumen : (lm) compte l'écoulement lumineux(flux), que produit une source lumineuse.

Luminous flux

All the radiated power emitted by a light source and perceived by the eye is called luminous flux.
lumen : (lm) is the luminous flow (flux), that a light source produces.

Lichtstrom

Die gesamte Strahlkraft die von einer Lichtquelle ausgeht, wird durch das Auge wahrgenommen und Lichtstrom genannt.
lumen : (lm) zählt den Lichtstrom den eine Leuchtquelle produziert.

Φωτεινή ροή

Όλες η εκπεμπόμενη ισχύς που εκπέμπεται από μια πηγή φωτός και αντιληπτή από το μάτι καλείται φωτεινή ροή.
lumen : lm (λούμεν) Η μονάδα μέτρησης της φωτεινής ροής (luminous flux), την οποία παράγει μια φωτεινή πηγή.

De lichtintensiteit

In het algemeen straald een lichtbron haar lichtstroom in verschillende richtingen en met verschillende sterktes. De intensiteit van de zichtbare straling in een bepaalde richting wordt lichtsterkte genoemt.
candela :(cd) Dit is de intensiteit van de lichtbron, die aan een meter van de lichtbron een helderheid van 1 lumen/m2 (dat wil zeggen 1 lux).

Intensité lumineuse

D'une manière générale, une source de lumière émet son flux lumineux dans des directions différentes et à des intensités différentes. L'intensité de rayonnement visible dans une direction particulière est appelée intensité lumineuse.
candela :(cd) Il s'agit de l'intensité de la source lumineuse, qui à distance d'un mètre de la source a une luminosité de 1 lumen/m2 (c'est-à-dire 1 lux).

Luminous intensity

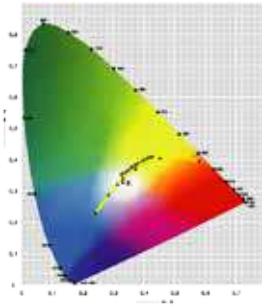
Generally speaking, a light source emits its luminous flux in different directions and at different intensities. The visible radiant intensity in a particular direction is called luminous intensity.
candela :(cd) Hier handelt es sich um die Intensität der Lichtquelle, welche bei einem Abstand von 1m von der Lichtquelle eine Leuchtkraft von 1 Lumen/m² beträgt (also 1 lux).

Lichtintensität

Im allgemeinen strahlt eine Lichtquelle ihren Lichtstrom in verschiedene Richtungen und in unterschiedlicher Intensität aus. Die Intensität der sehbaren Leuchtkraft in eine bestimmte Richtung wird Lichtintensität genannt.
candela :(cd) die Intensität der Lichtquelle, eine Entfernung von einem Meter von der Quelle eine Helligkeit von 1 Lumen/m2 (dh 1 Lux) in Bezug auf die Farbzuordnung des Lichts.

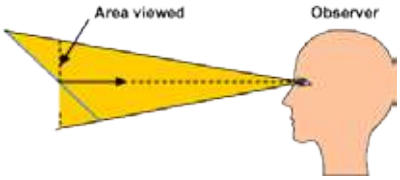
Η ένταση του φωτός

Σε γενικές γραμμές, μια πηγή φωτός εκπέμπει φωτεινή ροή της προς διαφορετικές κατευθύνσεις και σε οιαφορετικες εντασεις. Το ορατό ένταση ακτινοβολίας σε μια συγκεκριμένη κατεύθυνση ονομάζεται φωτεινή ένταση.
candela:cd (καντέλα) Πρόκειται για την ένταση της φωτεινής πηγής, που σε απόσταση ενός μέτρου από την πηγή έχει φωτεινότητα ενός lumen/m2 (δηλ. ενός lux).



Chromacity Diagram

Color temperature



Luminance

Kleurtemperatuur

De kleurtemperatuur van een lichtbron word gedefinieerd ten opzichte van een “zwarte straal“ en weergegeven op de “Planck curve“, zoals weergegeven op het diagram. Hoe meer de kleurtemperatuur van deze “ zwarte straal” hoog is, hoe hoger het blauw spectrum is en hoe minder rood aanwezig is.

La température de couleur

La température de couleur d’une source lumineuse est définie par rapport à un «corps radiateur noir» et reportée sur ce qui est connu sous le nom de la «courbe de Planck», comme le montre le diagramme. Plus la température de ce «corps radiateur noir» est élevée, plus grande est la composante bleue du spectre et plus petite la composante rouge.

Color temperature

The color temperature of a light source is defined in relation to a «black body radiator» and plotted on what is known as the «Planckian curve» as shown in the diagram. The higher the temperature of this «black body radiator», the greater the blue component of the spectrum and the smaller the red component.

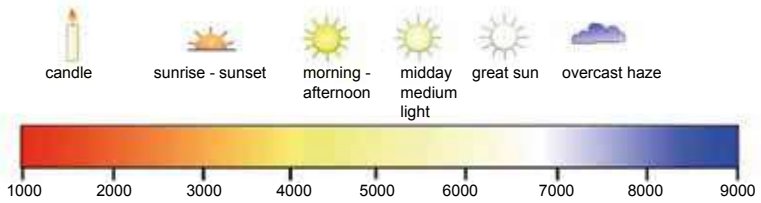
Farbtemperatur

Die Farbtemperatur einer Lichtquelle wird anhand eines „schwarzen Strahlkörpers“ definiert und auf die „Plancksche Kurve“ übertragen, wie in dem Diagramm dargestellt. Je höher die Temperatur des „schwarzen Strahlkörpers“, desto höher ist der Blauanteil des Spektrums und desto kleiner ist der Rotanteil.

Θερμοκρασία χρώματος

Η θερμοκρασία χρώματος της φωτεινής πηγής ορίζεται σε σχέση με ένα «μαύρο σώμα καλοριφέρ» και αποτυπώνονται σε αυτό που είναι γνωστό ως η «καμπύλη ακτινοβολητή Planck», όπως φαίνεται στο διάγραμμα. Όσο υψηλότερη είναι η θερμοκρασία αυτής της «μαύρης καλοριφέρ σώμα» είναι υψηλή, τόσο μεγαλύτερη είναι η μπλε συνιστώσα του φάσματος και η μικρότερη είναι η κόκκινη συνιστώσα.

Indicative:



warm white	< 3500 K°
neutral white	> 3500 K°
daylight	> 5000 K°

Luminantie

Met de lichtsterkte, dat wil zeggen de stroom van licht dat valt op een welbepaald oppervlak .Deze maatregel wordt beïnvloed door de frequentie van de straling en de afstand tot de bron. Hoe groter de afstand tot de lichtbron, hoe kleiner de helderheid. De eenheid lux vertegenwoordigd het aantal lumen per vierkante meter (lumen/m2) en wordt gebruikt om de lichtstroom te bepalen vereist voor het te belichten punt . Het verschil tussen lux en lumen is dat lux rekening houdt met het te belichten oppervlak.

La luminance

La luminance d'une source de lumière ou une zone éclairée est une mesure de combien l'œil est stimulé et donc de la façon dont une grande impression de luminosité est créée dans le cerveau. Elle est mesurée en candelas par mètre carré.

Luminance

The luminance of a light source or an illuminated area is a measure of how much the eye is stimulated and therefore of how great an impression of brightness is created in the brain. It is measured in candelas per square meter.

Die Leuchtdichte

Die Leuchtdichte einer Lichtquelle oder einer beleuchteten Fläche ist ein Maßstab für die Augenstimulation und somit dafür, wie eine starke Wahrnehmung der Helligkeit im Gehirn entsteht. Sie wird in Candela pro m² gemessen.

Φωτεινότητας

Η φωτεινότητα της φωτεινής πηγής ή μια φωτεινή επιφάνεια είναι ένα μέτρο του πόσο πολύ το μάτι διεγείρεται και επομένως το πόσο μεγάλη είναι η εντύπωση της φωτεινότητας δημιουργείται στον εγκέφαλο. Μετριέται σε candela ανά τετραγωνικό μέτρο.

L'efficacité lumineuse

Lichtopbrengst geeft aan dat de efficiëntie waarmee de elektrische stroom wordt omgezet in licht.
Dit wordt gemeten in lumen per Watt (lm / W).

L'efficacité lumineuse

L'efficacité lumineuse indique l'efficacité avec laquelle la puissance électrique consommée est convertie en lumière.
Elle est mesurée en lumens par watt (lm / W).

Luminous efficacy

Luminous efficacy indicates the efficiency with which the electrical power consumed is converted into light.
It is measured in lumens per watt (lm/W).

Leuchtkraft

Die Leuchtkraft gibt die Wirkungskraft an, mit der die verbrauchte Stromleistung in Licht umwandelt wird. Sie wird in Lumens pro Watt (lm/W) gemessen.

Φωτεινή απόδοσηneuse

Φωτεινή απόδοση δείχνει την αποτελεσματικότητα με την οποία η ηλεκτρική ενέργεια που καταναλώνεται μετατρέπεται σε φως.
Μετριέται σε lumens ανά watt (lm / W).

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catalogue edition 07/2018

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COLOR CODE

00	Brushed natural aluminium	Natuur geborsteld aluminium	Aluminium brossé naturel	natuur gebürstet aluminium	Φυσικο Αλουμινιο
01	White	Wit	Blanc	Weiß	Λευκο
02	Black	Zwart	Noir	Schwarz	Μαυρο
02A	Anodized black	Geanodiseerd zwart	Noir anodisé	Schwartz anodisiert	Ανοδιωμενο Μαυρο
04	Brushed Stainless Steel	Geborsteld Inox	Inox brossé	Edelstahl gebürstet	Ανοξειδωτο
07	Brushed brass	Geborsteld Messing	Laiton brossé	Messing gebürstet	Φυσικο Χαλκο
09	Bronze	Brons	Bronze	Altmessing	Μπρονζε
16	Stainless Steel 316L	Inox 316L	Inox 316L	Edelstahl 316L	Ανοξειδωτο 316L
21	Brushed Copper	Geborsteld Koper	Cuivre brossé	Kupfer gebürstet	χαλκο
22	Brown	Bruin	Brun	Braun	Καφε
24	Corten	Corten	Corten	Corten	Καφε Corten
32	Anodised aluminium	Geanodiseerd aluminium	Aluminium anodisé	Aluminium anodisiert	Ανοδιωμενο αλουμινιο
39	Grey	Grijs	Gris	Grau	Γκρι
40	Rusty Iron	Roestig Ijzer	Acier rouillé	Rostigen Eisen	Σκουριασμένο Σίδερο
41	Belgian stone	Blauwe steen	Pierre bleue	Stein aus Belgien	μαρμαρο βελγιου
42	Iroko	Iroko	Iroko	Iroko	ξυλο ιροκο
48	Dark Grey	Donker grijs	Gris foncé	Dunkelgrau	Σκούρο γκρι

LEGEND

	Fixture Class 1	Toestel klasse 1	Appareil classe 1	Gerät klasse 1	Κλαση 1
	Fixture Class 3	Toestel klasse 3	Appareil classe 3	Gerät klasse 3	Κλαση 3
CE	CE Standard	CE Norm	Norme CE	CE Norm	CE
IP__	Degree of protection	Beschermingsindicatie	Degré de protection	Schutzklassel	Βαθμος στεγανωτηταs
0,5	Distance to another object	Afstand tot een pbject	Distance d'un autre objet	Abstand zu einem objekt	Αποσταση αντικειμενου
1,5	Net Weight Kg	Netto gewicht Kg	Poids net Kg	NettoGewicht Kg	Βαρος Κιλο

TO
BE
CONTINUED

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