



# TEFEL

by BEL LIGHTING

*explore your lighting project*

COLLECTION

2021  
2022

made in Greece



## Your Best Partner in Creating Lighting

### Catalogue edition 04/2021

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## Ο Καλύτερος Συνεργάτης στη Δημιουργία Φωτισμού

### Έκδοση καταλόγου 04/2021

Τα δεδομένα σε αυτόν τον κατάλογο παρέχονται με καλή πίστη και μόνο για τις δικές σας πληροφορίες.

Αυτά τα δεδομένα δεν δύναται να χρησιμοποιηθούν ενάντια στην TeFeL για οποιονδήποτε λόγο.

Η TeFeL διατηρεί όλα τα δικαιώματα να αλλιάξει οποιαδήποτε τιμή προϊόντος και δεδομένα ανά πάσα στιγμή, χωρίς προειδοποίηση.

Οι γενικοί όροι πώλησης TeFeL ισχύουν πάντα.

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TeFeL 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 applications 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.



Our company is also certified with ISO 14001:2015. The 14001:2015 specifies the

requirements for an environmental management system that an organization can use to enhance its environmental performance. ISO 14001:2015 is intended for use by an organization seeking to manage its environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability.



**5 YEARS  
WARRANTY**

We offer you 2+3 years Warranty.

Extended warranty at: [www.bel-lighting.com/en/extended-warranty](http://www.bel-lighting.com/en/extended-warranty)



## A GLOBAL COMPANY WITH LOCAL PRESENCE

TEFEL is a design and manufacturing center at the service of lighting designers, architectures, engineers and contractors. All our products are designed in Belgium to following the latest global trends in lighting design. We manufacture exclusively in Greece to keep full control of our highest quality standards and provide the best support to all of our clients and partners.

## ΜΙΑ ΠΑΓΚΟΣΜΙΑ ΕΤΑΙΡΙΑ ΜΕ ΤΟΠΙΚΗ ΠΑΡΟΥΣΙΑ

Η TEFEL είναι μία μονάδα σχεδιασμού και κατασκευής προϊόντων φωτισμού στην υπηρεσία των σχεδιαστών φωτισμού, αρχιτεκτόνων, μηχανικών και εργολάβων. Όλα τα προϊόντα μας σχεδιάζονται στο Βέλγιο ακολουθώντας τις τελευταίες τάσεις παγκοσμίως στο σχεδιασμό φωτισμού. Κατασκευάζουμε αποκλειστικά στην Ελλάδα για να έχουμε τον πλήρη έλεγχο των υψηλότερων ποιοτικών προδιαγραφών και να παρέχουμε την καλύτερη δυνατή υποστήριξη σε όλους τους πελάτες και συνεργάτες μας.





## CUSTOMIZED PRODUCTIONS

If you have your own idea of architectural lighting, we can work on that or design from scratch. Based on the individual design, then we proceed to customized production, even for a single unit, to support you with the unique lighting style you dream of.

Εάν έχετε τη δική σας ιδέα για τον αρχιτεκτονικό φωτισμό, μπορούμε να την επεξεργαστούμε ή να την σχεδιάσουμε μαζί από το μηδέν. Με βάση τον ατομικό σχεδιασμό προχωράμε σε προσαρμοσμένη παραγωγή, ακόμη και για μία μονάδα, για να σας υποστηρίξουμε με το μοναδικό στυλ φωτισμού που ονειρεύεστε.



## SHORT DELIVERY TIMES

We always keep the necessary stock of materials to avoid unnecessary delays in procurement; we have also invested in a fully operational manufacturing base in Greece, close to our markets. As a result, it is no surprise that we provide the shortest delivery times in the market.

Διατηρούμε πάντα το απαραίτητο απόθεμα υλικών για να αποφύγουμε περιττές καθυστερήσεις στην προμήθεια. Έχουμε επίσης επενδύσει σε μια πλήρως λειτουργική βάση κατασκευής στην Ελλάδα, κοντά στις αγορές μας. Ως αποτέλεσμα, δεν αποτελεί έκπληξη το γεγονός ότι παρέχουμε τους μικρότερους χρόνους παράδοσης στην αγορά.



## LIFETIME REPAIRS [www.bel-lighting.net](http://www.bel-lighting.net)

If – for any reason – time has come to repair or replace a metal or an electrical part, our technical support team will proceed to all necessary work to restore your product to its full functionality and aesthetics. And yes, we mean it... This is a LIFETIME service!  
View the progress of the repair in real time at: [www.bel-lighting.net](http://www.bel-lighting.net)

Εάν - για οποιονδήποτε λόγο - ήρθε η ώρα για την επισκευή ή την αντικατάσταση ενός μετάλλου ή ενός ηλεκτρικού εξαρτήματος, η ομάδα τεχνικής υποστήριξης μας θα προχωρήσει σε όλες τις απαραίτητες εργασίες για να αποκαταστήσει το προϊόν σας στην πλήρη λειτουργικότητα και αισθητική του. Και ναι, το εννοούμε ... Αυτή είναι μια υπηρεσία ΓΙΑ ΜΙΑ ΖΩΗ! Παρακολουθήστε την εξέλιξη της επισκευής στο: [www.bel-lighting.net](http://www.bel-lighting.net)



## 100% PURE MATERIALS

No alloys. No castings. This is how our end users enjoy products with the longest possible durability, the lightest maintenance needs and maximum lifetime. Do not surprise if our products look like brand-new even after many years have passed...!

Χωρίς κράματα. Χωρίς χύτευση. Έτσι οι τελικοί χρήστες απολαμβάνουν προϊόντα με τη μεγαλύτερη δυνατή διάρκεια ζωής, τις μικρότερες ανάγκες συντήρησης. Μην εκπληγείτε αν τα προϊόντα μας μοιάζουν ολοκαίνουργια ακόμη και μετά από πολλά χρόνια ...!



## UNPARALLELED TECHNICAL SUPPORT

With TEFEL lighting products, you can be sure that you will enjoy the best support before and after the sale. From tailor-made designing and production to lifetime repairing services, TEFEL is your best partner in creating cozy inviting space lighting for you or your clients.

Με τα προϊόντα φωτισμού TEFEL, μπορείτε να είστε σίγουροι ότι θα έχετε την καλύτερη υποστήριξη πριν και μετά την πώληση. Από τον εξατομικευμένο σχεδιασμό και την παραγωγή έως τις υπηρεσίες επισκευής καθ' όλη τη διάρκεια ζωής, η TEFEL είναι ο καλύτερος συνεργάτης σας στη δημιουργία ενός φιλόξενα φωτισμένου χώρου για εσάς ή τους πελάτες σας.



## Everything starts small. So did we...

It was a little store in Peristeri which marked our own start, back in 1991. In that small store, we started our exciting journey in lighting, originally by trading lamps and electrical equipment. Every start is difficult. But we could never imagine a more promising start... That was only the start...

BEL Lighting started developing its exports in Europe and became the growth lever of our lighting business.

Not surprisingly, a few years later (1996), it launched its first product series wholly manufactured by our own factory in Greece. A thrilling journey in the lighting business had just started followed by a long period of continuous investments. The relocation of our production to a larger space in Renti and the purchase of our first CNC machine tool, were necessary in order to meet the growing demand for our products and acquire the capacity to process and machine materials for exterior lighting. In Belgium, we constructed our own buildings of 1,200m<sup>2</sup> in Tubize, which were designed and allowed for the highest efficiency of our logistics, sales and management operations.

And in 2008, we built our own factory in Megara in a total space of 3,000m<sup>2</sup> which, until today, has been covering our growing needs of production, assembling and warehousing. In 2009, we set up TEFEL company in Megara to be close and provide top services to our partners, clients and end users in Greece and Cyprus. Continuous investments upgrade the quality of our products and services and the international markets show us the way to growing further... Today, 80% of our total sales come from exports.

But we never forget where we started from. Close to our first clients and partners in Greece, TEFEL is here to strengthen our local presence and provide unparalleled services and support to all valuable clients and partners in Greece and Cyprus.

## Όλα αρχίζουν μικρά. Έτσι κι εμείς...

Ένα μικρό μαγαζί στο Περιστέρι σημάδεψε τη δική μας αρχή το 1991. Εκεί, ξεκινήσαμε το συναρπαστικό ταξίδι μας στο χώρο του φωτισμού. Τότε, εμπορευόμασταν λάμπες και ηλεκτρολογικό εξοπλισμό. Κάθε αρχή είναι δύσκολη. Όμως, ποτέ δεν μπορούσαμε να φανταστούμε πιο δυναμική αρχή. Αυτά ήταν μόνο η αρχή...

Η BEL Lighting ξεκίνησε να εξάγει στην Ευρώπη και έγινε ο μοχλός ανάπτυξης της δραστηριότητάς μας στο χώρο του φωτισμού. Μερικά χρόνια αργότερα (1996) λάνσαρε την πρώτη σειρά προϊόντων με αποκλειστική παραγωγή στο εργοστάσιό μας στην Ελλάδα. Ένα συναρπαστικό ταξίδι στο χώρο του φωτισμού είχε μόλις ξεκινήσει, που συνεχίστηκε με μια μακρά περίοδο συνεχών επενδύσεων. Η μετεγκατάσταση της παραγωγής σε μεγαλύτερο χώρο στο Ρέντη και η αγορά της πρώτης μας εργαλειομηχανής CNC, ήταν επενδύσεις που έγιναν για να αυξήσουμε τη δυναμικότητα κατεργασίας υλικών για τον εξωτερικό φωτισμό και να ικανοποιήσουμε την αυξανόμενη ζήτηση για τα προϊόντα μας. Στο Βέλγιο (Tubize), κατασκευάσαμε ιδιόκτητα κτίρια 1.200m<sup>2</sup>, ο σχεδιασμός των οποίων έγινε για να βελτιστοποιήσει την αποδοτικότητα όλων των λειτουργιών logistics, πωλήσεων και διοίκησης.

Το 2008, κατασκευάσαμε το δικό μας εργοστάσιο στα Μέγαρα σε ένα συνολικό χώρο 3.000m<sup>2</sup>, ο οποίος μέχρι και σήμερα, καλύπτει τις αυξανόμενες ανάγκες μας για παραγωγή, συναρμολόγηση και αποθήκευση. Το 2009, ιδρύουμε την εταιρία TEFEL στα Μέγαρα για να είμαστε κοντά σε συνεργάτες, πελάτες και τελικούς χρήστες των προϊόντων μας στην Ελλάδα και Κύπρο προσφέροντάς τους κορυφαίες υπηρεσίες. Συνεχείς επενδύσεις αναβαθμίζουν την ποιότητα των προϊόντων και υπηρεσιών μας, ενώ οι διεθνείς αγορές μάς δείχνουν το δρόμο για περαιτέρω ανάπτυξη... Σήμερα, 80% των συνολικών μας πωλήσεων προέρχονται από εξαγωγές.

Αλλά ποτέ δεν ξεχνάμε από πού ξεκινήσαμε. Κοντά στις τοπικές αγορές, η TEFEL διατηρεί μια δυνατή τοπική παρουσία και παρέχει απαράμιλλη ποιότητας υπηρεσίες και υποστήριξη σε όλους τους πελάτες και συνεργάτες μας σε Ελλάδα και Κύπρο.





# TEFEL

by BEL LIGHTING





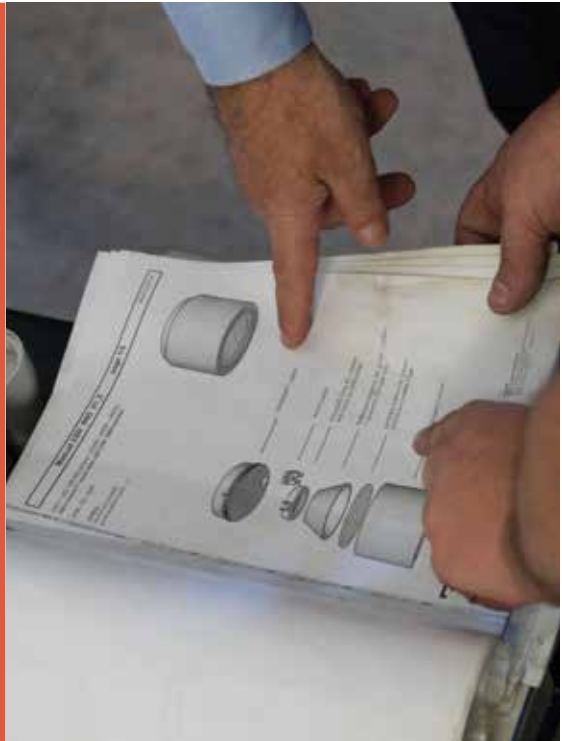


**FACTORY IN GREECE**

# PLACE



**BEL LIGHTING HEADQUARTERS IN BELGIUM**



 **TEFEL**  
by BEL LIGHTING





# PRODUCTION







**LAS Hotel & Spa**



**Kavos Restaurant**



**Kalesma Mykonos Luxury Hotel**  
Lighting Design by CPLD



**Mare West Retail Park**

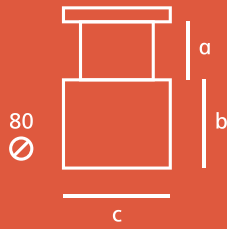




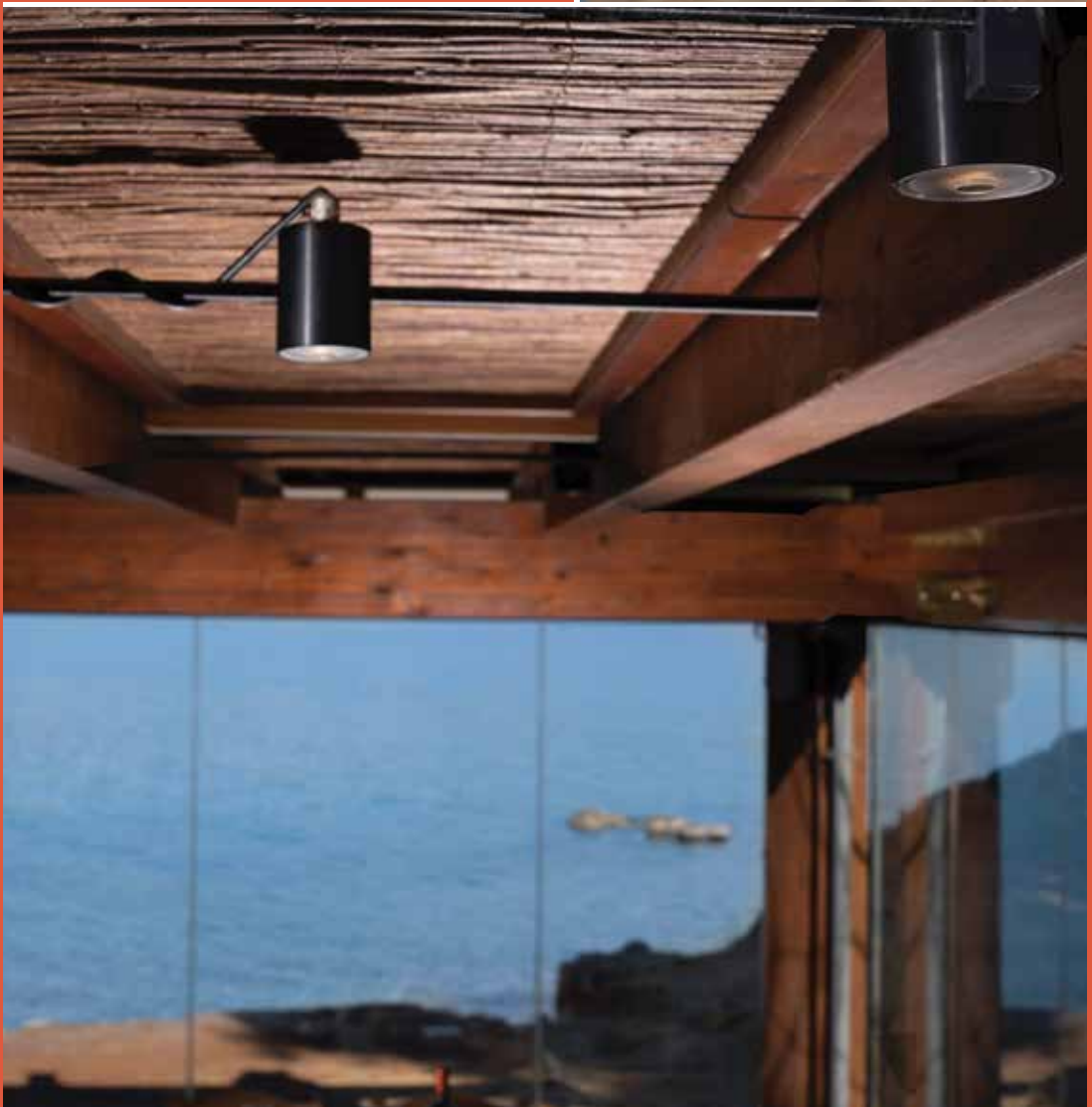
**Domes Miramare Corfu Resort**



**Dubai water canal pedestrian bridge 3**  
Lighting Design by CPLD



## CUSTOMIZED PRODUCTS







# MINI COLLECTION

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Tiki p. 20



Tiki p. 20



Tiki Y p. 21



Tiki Y p. 21



Swing p. 24



Swing in p. 25



Beam 1 p. 22



Beam 1 p. 22



Beam 2 p. 22



Beam 2 p. 22



Dark on p. 26



Dark in p. 26



Dark TR p. 28



Arya p. 29

# CEILING LIGHT

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Ada TR p. 32



Rotor p. 33



Beto p. 34-35



Beto p. 34-35



Vista p. 36



Static p. 37



Aster p. 38

# WALL LIGHT RECESSED



Mambo p. 42



ilVa p. 43



BiBi p. 45



BiBi p. 45



BiBi p. 46



BiBi p. 46



BiBi p. 46



Flam p. 48



Faos in p. 49



Faos in p. 49



Yorka B p. 50



Chiki p. 52



Cayou p. 53



# WALL LIGHT SURFACE



StePan p. 58



Doombo p. 59



Mini Brick p. 60



Brick p. 61



Window p. 63



Fanos p. 64



Antique p. 65



Cruz p. 66



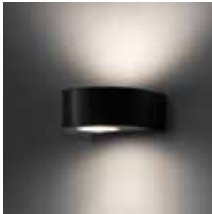
Cruz p. 66



UFO p. 67



Disk p. 70



Moon p. 71



Mystro p. 72



Cookie p. 73



Funk p. 74



Lina p. 75



Alma p. 76



Koko p. 77



Ada p. 78



Viva p. 79



Duo p. 80



Duo p. 80



Kubo p. 81



Kubo p. 81



SeGoSo p. 84



SeGoSo p. 84



Serko D p. 85



Serko D p. 85

# GARDEN BOLLARD

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Goved p. 90



Berog p. 91



Serko FL p. 94



Serko FL p. 94



Segoso FL p. 95



KaRRe p. 96



Towel FL p. 97



Maxi Swapi p. 98



Maxi Swapi FL p. 99



Stoumpi p. 100

# FLOOR & POOL

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Zona dark p. 104



Venus dark p. 107



Xeno Y p. 110



Nautic S p. 110



Nautic M p. 112

# FLOOD LIGHT

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Zaxor spot p. 118



Zaxor spot p. 119



Diamond p. 120



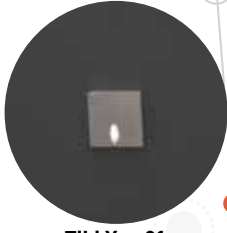
Diamond p. 121



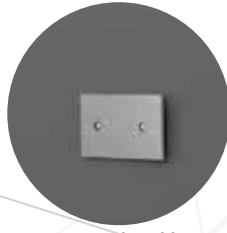
Cavos p. 122



Tiki p. 20



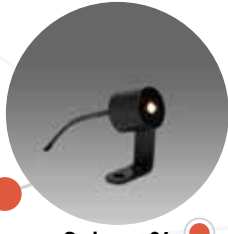
Tiki Y p. 21



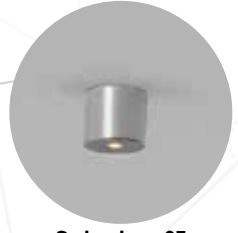
Beam 2 p. 22



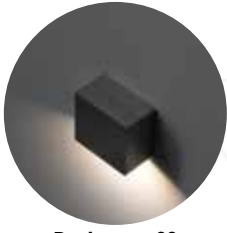
Beam 1 p. 22



Swing p. 24



Swing in p. 25



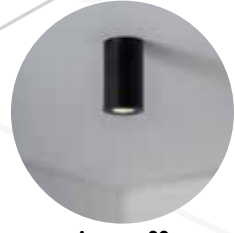
Dark on p. 26



Dark TR p. 28



Dark in p. 26



Arya p. 29

*find your lighting project*


# MINI COLLECTION







# Tiki











 **code: 310R.x.xx**  
led  
color

Ø 15 mm  Ø 30 mm  
15 mm



 **code: 310K.x.xx**  
led  
color

30 X 30 mm  
 Ø 15 mm  
15 mm

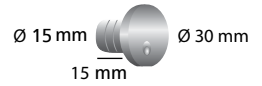
  IP40  350mA  IK09   



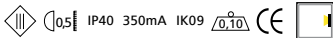
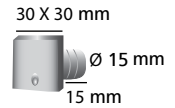
# Tiki Y



code: 311R.x.xx  
led color



code: 311K.x.xx  
led color



Typical luminous flux (lm)	
350mA 1W	
2700 K	119
3000 K	125
4000 K	137
5000 K	150

## LED

**D** 1W - 5000K - 70°  
**N** 1W - 4000K - 70°  
**W** 1W - 3000K - 70°

## COLOR

**02A** Anodized black  
**32** Anodized  
**33** Anodized bronze

## DESCRIPTION

Body made in solid aluminium  
Degree of protection IP40  
Safety clear plexiglass  
Led 1W 350mA incorporated  
Energy class EC: A+

## ACCESSORIES

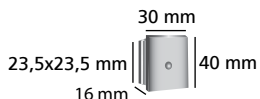
Led driver: 350mA (for example X020.EG or X032B.EG)  
Recessed box: X099.EG (plastic PVC tube)



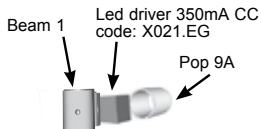
## ON REQUEST

Other RAL colors  
Other dimensions (customized)  
Other materials (inox 316L, brass)  
Other beam angle  
On demand outdoor version

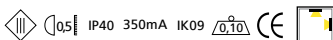
# Beam 1



Installation on 220-240V 50/60 Hz



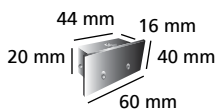
code: 313.x.xx  
led color



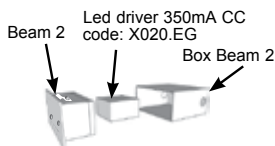
code: 313Y.x.xx  
led color



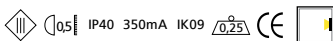
# Beam 2



Installation on 220-240V 50/60 Hz



code: 315.x.xx  
led color



code: 315Y.x.xx  
led color

Typical luminous flux (lm)	
	350mA
	1W
2700 K	119
3000 K	125
4000 K	137
5000 K	150

## LED

- D 1W - 5000K - 70°
- N 1W - 4000K - 70°
- W 1W - 3000K - 70°

## COLOR

- 02A Anodized black
- 32 Anodized
- 33 Anodized bronze

## DESCRIPTION

Body made in solid aluminium  
Degree of protection IP40  
Safety clear plexiglass  
Beam 1 & Beam 1Y Led 1W 350mA  
Beam 2 & Beam 2Y Led 2x1W 350mA  
Energy class EC: A+

## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)  
Recessed box: X068A.EG (plastic PVC tube for beam 1), X098 (profile aluminium)



## ON REQUEST

Other RAL colors  
Other dimensions (customized)  
Other beam angle  
On demand outdoor version

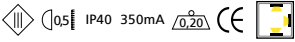
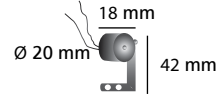


# Swing



code: 312. x.xx

led  
color



## Typical luminous flux (lm)

350mA  
1W

2700 K	119
3000 K	125
4000 K	137
5000 K	150

## LED

**D** 1W - 5000K - 70°  
**N** 1W - 4000K - 70°  
**W** 1W - 3000K - 70°

## COLOR

**02A** Anodized black  
**32** Anodized  
**33** Anodized bronze



## DESCRIPTION

Body made in solid aluminium  
Degree of protection IP40  
Safety clear plexiglass  
Led 1W 350mA incorporated  
Energy class EC: A+

## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)



## ON REQUEST

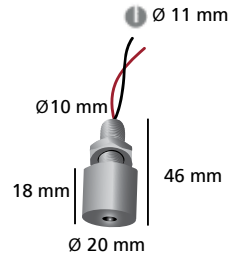
Other RAL colors  
Other materials (inox 316L, brass, copper)  
Other beam angle  
On demand outdoor version

# Swing in



code: **354. x.xx**

led  
color



## Typical luminous flux (lm)

<b>350mA</b> 1W	
2700 K	119
3000 K	125
4000 K	137
5000 K	150

### LED

**D** 1W - 5000K - 70°

**N** 1W - 4000K - 70°

**W** 1W - 3000K - 70°

### COLOR

**02A** Anodized black

**04** Stainless steel

**32** Anodized

**33** Anodized bronze

## DESCRIPTION

Body made in solid aluminium or stainless steel  
Degree of protection IP40  
Safety clear plexiglass  
Led 1W 350mA incorporated  
Energy class EC: A+

## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)

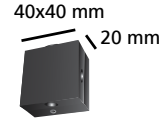
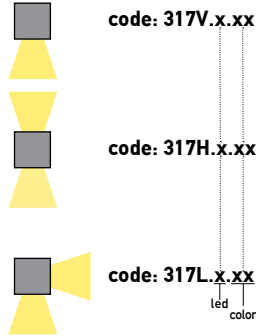
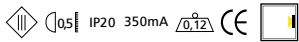


## ON REQUEST

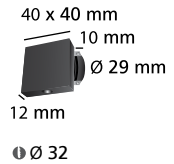
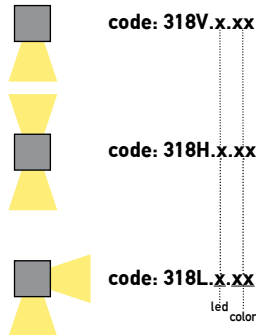
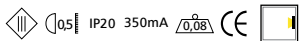
Other RAL colors  
Other materials (inox 316L, brass, copper)  
Other beam angle  
On demand outdoor version



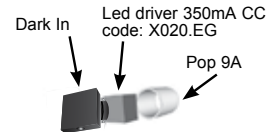
## Dark on



## Dark in



**Installation on 220-240V 50/60 Hz**



Typical luminous flux (lm)	
	350mA
	1W
2700 K	119
3000 K	125
4000 K	137
5000 K	150

### LED

**D** 1W - 5000K - 70°  
**N** 1W - 4000K - 70°  
**W** 1W - 3000K - 70°

### COLOR

**02A** Anodized black  
**32** Anodized  
**33** Anodized bronze

### DESCRIPTION

Body made in solid aluminium  
 Degree of protection IP20  
 Version 318V 1W, Version 318H & 318L 2x1W  
 350mA incorporated  
 Energy class EC: A+

### ACCESSORIES

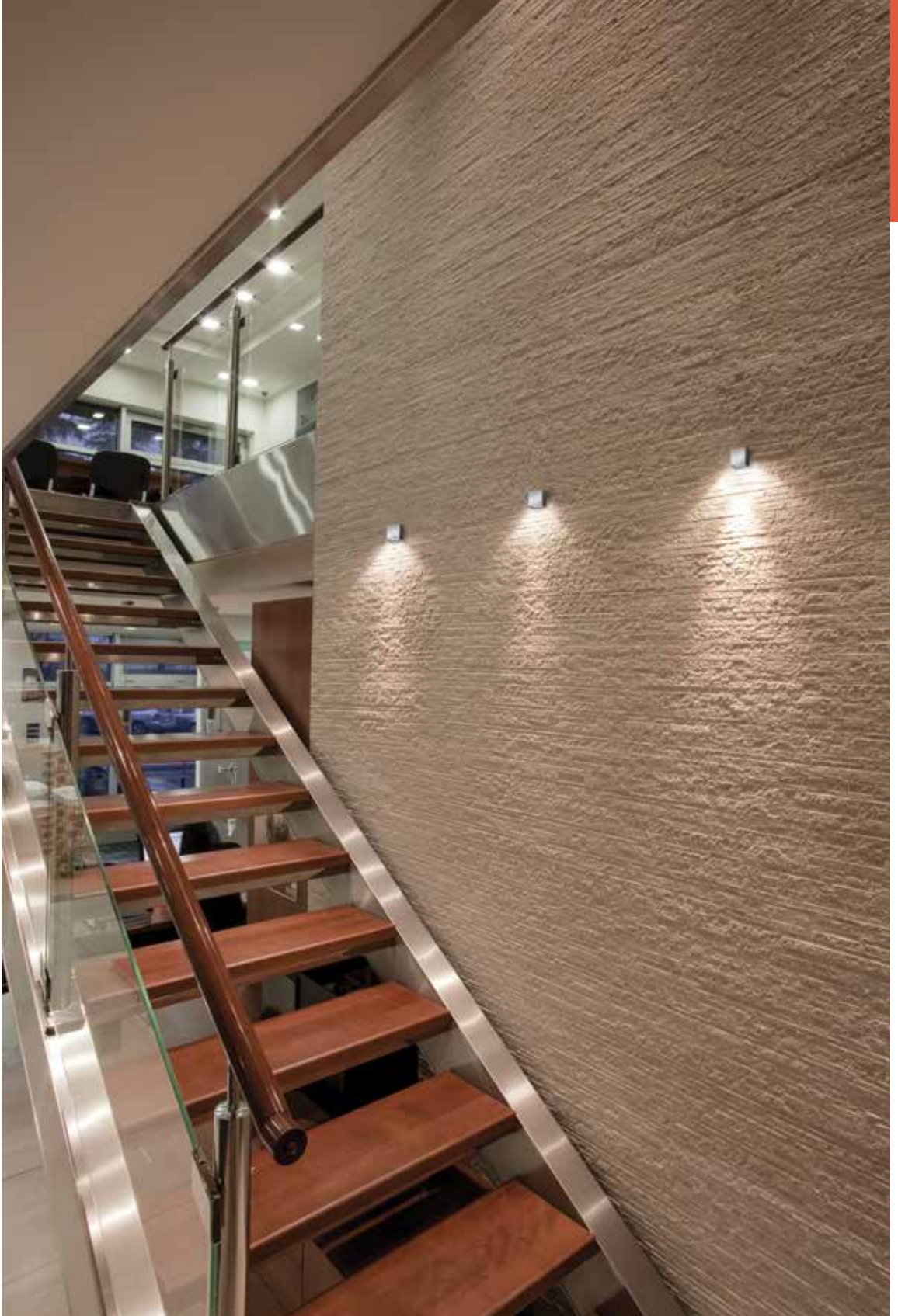
Led driver: 350mA (for example X020.EG or X032B.EG)  
 Recessed box: X068A.EG (plastic PVC tube for dark in)



### ON REQUEST

Other RAL colors  
 Other dimensions (customized)  
 Other beam angle



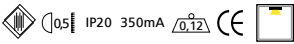
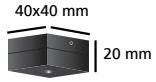




# Dark TR

code: **336. x.xx**

led  
color



## LED

- D** 1W - 5000K - 70°
- N** 1W - 4000K - 70°
- W** 1W - 3000K - 70°

## COLOR

- 02A** Anodized black
- 32** Anodized
- 33** Anodized bronze

### Typical luminous flux (lm)

350mA 1W	
2700 K	119
3000 K	125
4000 K	137
5000 K	150

## DESCRIPTION

Body made in solid aluminium  
Degree of protection IP20  
Led 1W 350mA incorporated  
Energy class EC: A+

## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)



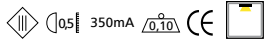
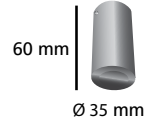
## ON REQUEST

Other RAL colors  
Other beam angle  
On demand outdoor version

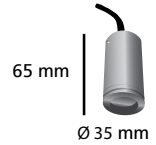


# Arya

**IP20** code: 319.xxx.xx  
led color



**IP65** code: 320.xxx.xx  
led color



## LED

- D11 1.2W - 5000K - 10°
- D13 1.2W - 5000K - 35°
- N11 1.2W - 4000K - 10°
- N13 1.2W - 4000K - 35°
- W11 1.2W - 2700K - 10°
- W13 1.2W - 2700K - 35°
- D31 3.2W - 5000K - 30°
- D32 3.2W - 5000K - 45°
- N31 3.2W - 4000K - 30°
- N32 3.2W - 4000K - 45°
- W31 3.2W - 2700K - 30°
- W32 3.2W - 2700K - 45°

## COLOR

- 01 White
- 02A Anodized black
- 32 Anodized
- 33 Anodized bronze

16 Marine 316L



Arya IP65 + Anti-glare 08

Typical luminous flux (lm)		
	350mA 1,2W	350mA 3,2W
2700 K	120	337
3000 K	125	354
4000 K	135	380
5000 K	145	381



## DESCRIPTION

Body made in profile aluminium  
 Screws made stainless steel  
 Degree of protection IP20 or IP65  
 Safety sandblasted plexiglass  
 Led 1,2W or 3,2W 350mA  
 Version IP65 provided with 20cm cable

## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)  
 Anti-glare 08 (for IP65): AC.320.xx

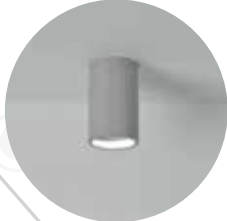


## ON REQUEST

Other RAL colors  
 Other dimensions (customized)  
 Other material brass, copper  
 On demand version 230V 2700K or 3000K  
 On demand Antiglare in version IP20



Ada TR p. 32



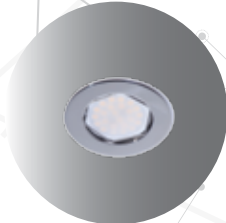
Rotor p. 33



Beto p. 34-35



Vista p. 36



Static p. 37



Aster p. 38

*find your lighting project*

# CEILING LIGHT



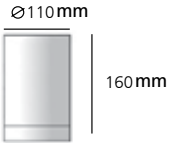
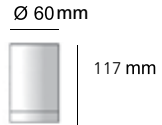


# Ada TR

**GU10** code: **F779.GU.xx**  
color



**PAR30** code: **F782.E2.xx**  
color



## COLOR

- 01 White
- 02A Anodized black
- 24 Corten
- 32 Anodized
- 33 Anodized bronze
- 39 Grey
- 48 Dark grey

## COLOR (only for F779)

- 04 Stainless steel
- 07 Natural brass
- 21 Copper

**16** Marine 316L

## DESCRIPTION

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

## ACCESSORIES

## ON REQUEST

Other RAL colors  
Other dimensions (customized)  
On demand version with sealant







# Rotor

**GU10**

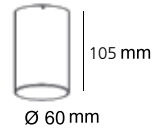
code: **C157.GU.xx**  
color



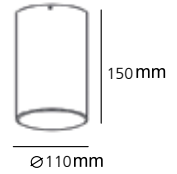
max height  
75mm

**PAR30**

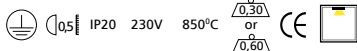
code: **C157.E2.xx**  
color



105 mm  
Ø 60 mm



150 mm  
Ø 110 mm



CEILING LIGHT

## COLOR

- 01 White
- 02A Anodized black
- 24 Corten
- 32 Anodized
- 33 Anodized bronze
- 39 Grey
- 48 Dark grey



## DESCRIPTION

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

## ON REQUEST

Other RAL colors  
Other material copper, brass,  
stainless steel  
Other dimensions (customized)

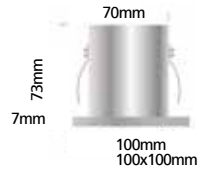


# Beto

Used with  
standard box  
for concrete  
R50 - R63



### Dimensions (for box R50)



### Dimensions (for box R63)



code: **Txxx.GU.xx**  
 IP coverplate color  
 standard box

850°C CE 0,5 230V IP20 or IP44 max height 56mm

### STANDARD BOX

- 1 Box R50
- 2 Box R63

### IP PROTECTION

- G IP44
- L IP20

### COVERPLATE

- K Coverplate square
- R Coverplate round

### COLOR

- 02A Anodized black
- 32 Anodized
- 33 Anodized bronze

### DESCRIPTION

Body made in profile aluminium  
 Screws made stainless steel  
 Degree of protection IP20 or IP44  
 Safety sandblasted plexiglass for version IP44

### ACCESSORIES

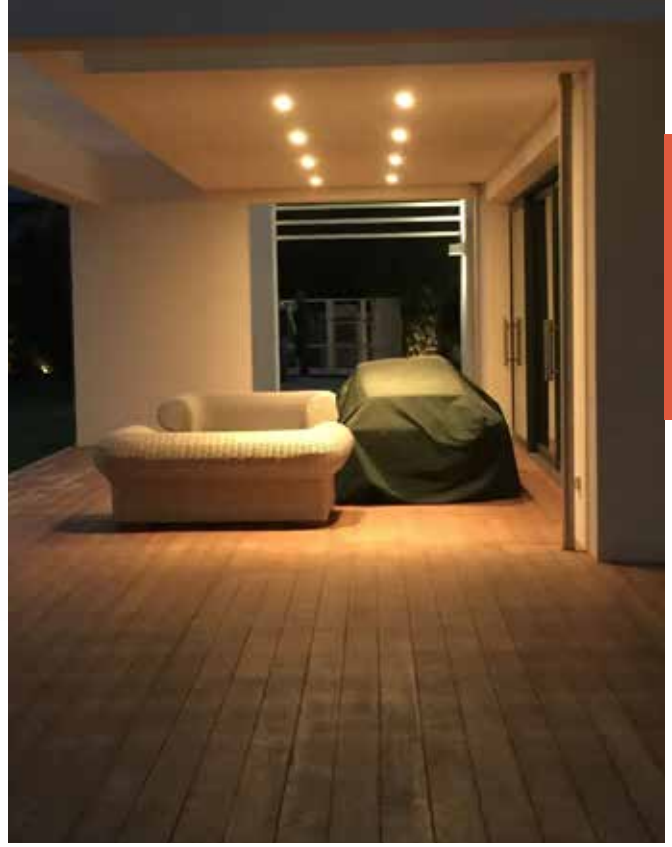
Standard box for concrete



### ON REQUEST

Other RAL colors  
 Led 350mA or 230V included  
 Other dimensions (customized)  
 On demand springs laying on cement board or plasterboard





CEILING LIGHT

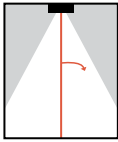
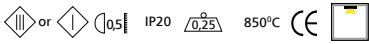
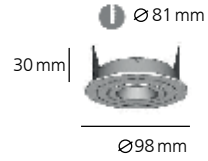


# Vista



code: 1167.xx.xx

led  
bulb color



ADJUSTABLE  
36° - 45°

## LED / BULB

**GU** GU10 Led 230V  
**GX** GU5.3 Led 12V

## COLOR

**02A** Anodized black  
**32** Anodized  
**33** Anodized bronze

**16** Marine 316L

## DESCRIPTION

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

## ON REQUEST

Other RAL colors  
Other dimensions (customized)  
On demand outdoor version  
On demand Led 9,5W 350mA

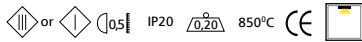
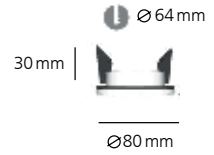


# Static



code: 1166.xx.xx

led  
bulb color



## LED / BULB

GU GU10 Led 230V  
GX GU5.3 Led 12V

## COLOR

02A Anodized black  
32 Anodized  
33 Anodized bronze

16 Marine 316L

## DESCRIPTION

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

## ON REQUEST

Other RAL colors  
Other dimensions (customized)  
On demand outdoor version  
On demand Led 9,5W 350mA

CEILING LIGHT

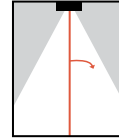
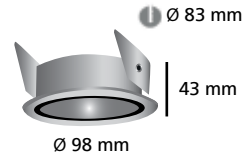


# Aster

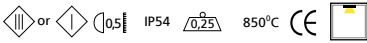


code: 355.xx.xx

led  
bulb color



ADJUSTABLE  
360° - 45°



## LED / BULB

**GU** GU10 Led 230V  
**GX** GU5,3 Led 12V

## COLOR

**02A** Anodized black  
**32** Anodized  
**33** Anodized bronze

**16** Marine 316L

## DESCRIPTION

Body made in solid aluminium, stainless steel 316L  
Screws in stainless steel  
Degree of protection IP54  
Energy class EC: A++/E

## ON REQUEST

Other RAL colors  
Other dimensions (customized)  
On demand outdoor version  
On demand Led 9,5W 350mA







Mambo p. 42



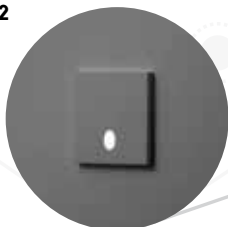
iLva p. 43



Bibi p. 45



Bibi p. 46



Bibi p. 46



Bibi p. 45



Bibi p. 46



Flam p. 48



Faos In p. 49



Faos In p. 49



Chiki p. 52



Yorka B p. 50



Cayou p. 53

*find your lighting project*

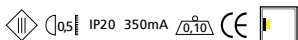
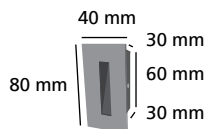
# WALL LIGHT RECESSED





# Mambo

code: 321. **xxx.xx**  
 led color



Typical luminous flux (lm)	
	350mA
	1,2W
2700 K	120
3000 K	125
4000 K	135
5000 K	145

## LED

**D11** 1,2W - 5000K - 70°  
**N11** 1,2W - 4000K - 70°  
**W11** 1,2W - 3000K - 70°

## COLOR

**01** White  
**02** Black  
**24** Corten  
**39** Grey  
**48** Dark grey

## DESCRIPTION

Body made in profile aluminium  
 Screws made stainless steel  
 Degree of protection IP20  
 Led 1,2W 350mA

## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)



## ON REQUEST

Other RAL colors  
 Other dimensions (customized)  
 On demand outdoor version

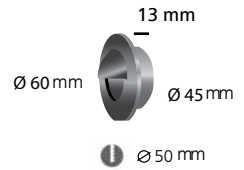




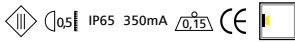
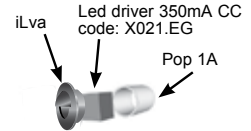
# iLva

code: 326. xxx.xx

led color



Installation on 220-240V 50/60 Hz



## LED

**D11** 1.2W - 5000K - 70°  
**N11** 1.2W - 4000K - 70°  
**W11** 1.2W - 3000K - 70°

## COLOR

**02A** Anodized black  
**04** Stainless steel  
**07** Natural Brass  
**32** Anodized  
**33** Anodized bronze

WALL LIGHT recessed

## DESCRIPTION

Body made in stainless steel  
 Screws made stainless steel  
 Degree of protection IP65  
 Safety sandblasted plexiglass  
 Led 1,2W 350mA

## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)  
 Recessed box: X016A.EG (plastic PVC tube)



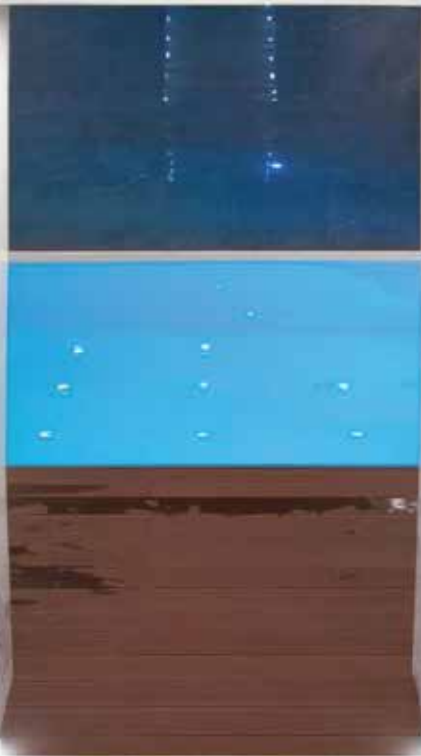
## ON REQUEST

Other material or RAL colors (for example black, anodized or any other color)  
 Other led: 3,2W 350mA  
 Other dimensions (customized)





**KÔRES**  
Boutique Hotel & Spa





# Bibi



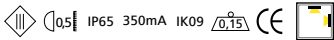
code: 314.K. x.xx  
led color

40 x 40 mm Ø 32mm  
20 mm  
Ø 29 mm



code: 314.R. x.xx  
led color

Ø 32 mm  
20 mm  
Ø 40 mm Ø 29 mm



WALL LIGHT recessed

## LED

**D1** 1W - 5000K - 70°  
**D3** 3.2W - 5000K - 70°  
**N1** 1W - 4000K - 70°  
**N3** 3.2W - 4000K - 70°  
**W1** 1W - 3000K - 70°  
**W3** 3.2W - 3000K - 70°

## COLOR

**01** White  
**02A** Anodized black  
**32** Anodized  
**33** Anodized bronze

## DESCRIPTION

Body made in Anodized aluminium  
Safety Sandblasted plexiglass  
Screws made in stainless steel  
Degree of protection IP65  
Led 1,2W 350mA  
Coverplate 4mm made anodized aluminium  
Provided with 20cm cable

## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)  
Recessed box: X068A.EG (plastic PVC tube)



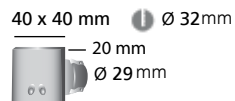
## ON REQUEST

Other RAL colors (for example black, corten or any other color)  
Other dimensions (customized)

# Bibi



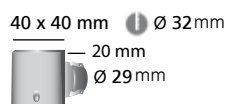
code: 314.E. x.xx  
led color



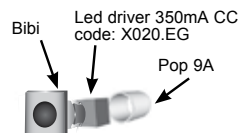
code: 314.J. x.xx  
led color



code: 314.Y. x.xx  
led color



## Installation on 220-240V 50/60 Hz



Typical luminous flux (lm)		
	350mA 1,2W	350mA 3,2W
2700 K	120	337
3000 K	125	354
4000 K	135	380
5000 K	145	381



WALL LIGHT recessed

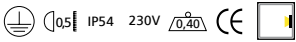
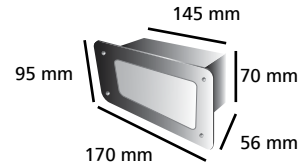


# Flam



code: F812.xx.04

led  
bulb



## LED / BULB

**W6** 6W - 3000K - 230V  
**G9** G9 Led

## COLOR

**04** Stainless steel

## DESCRIPTION

Exterior recessed lighting degree of protection IP54  
Body made cast aluminium  
Coverplate 4mm made stainless steel 304L  
Screws made stainless steel  
Safety sandblasted plexiglass  
Led incorporated in code W6, 6W/230V

## ACCESSORIES

Recessed box: X018.EG (galvanized steel)



## ON REQUEST

Other RAL colors or materials  
Other led: 6,5W 350mA  
Other dimensions (customized)

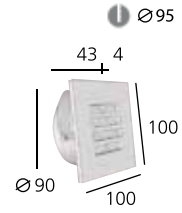




# Faos In

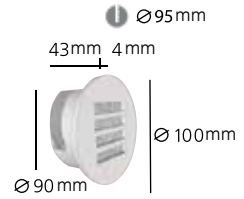
code: **8016.K. xx.xx**

led  
bulb color



code: **8016.R. xx.xx**

led  
bulb color



WALL LIGHT recessed

## LED / BULB

**W6** 6W - 3000K - 230V

**G9** G9 Led (diameter 32mm/height 65mm)

## COLOR

**02A** Anodized black

**32** Anodized

**33** Anodized bronze

## DESCRIPTION

Exterior recessed lighting degree of protection IP65  
Body made anodized aluminium  
Coverplate 4mm made anodized aluminium  
Screws made stainless steel  
Safety sandblasted plexiglass  
Led incorporated in code W6, 6W/230V

## ACCESSORIES

Recessed box: X017.EG (plastic PVC tube)



## ON REQUEST

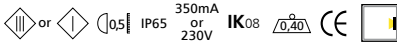
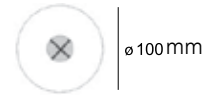
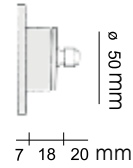
Other RAL colors  
Other led: 6,5W 350mA  
Other dimensions (customized)



# Yorka B



code: 8011.xxx.xx  
led color



Typical luminous flux (lm)		
	350mA 1,2W	230V 3W
2700 K	120	170
3000 K	125	170
4000 K	135	
5000 K	145	

## LED

- D11 1,2W - 5000K - 350mA
- W11 1,2W - 3000K - 350mA
- W40 3W - 2700K - 230V

## COLOR

- 02A Anodized black
- 32 Anodized
- 33 Anodized bronze

16 Marine 316L

## DESCRIPTION

Exterior recessed lighting degree of protection IP65  
 Body made anodized aluminium  
 Coverplate 7mm made stainless steel 316L or anodized aluminium  
 Screws made stainless steel  
 Safety sandblasted plexiglass  
 Energy class EC: A+

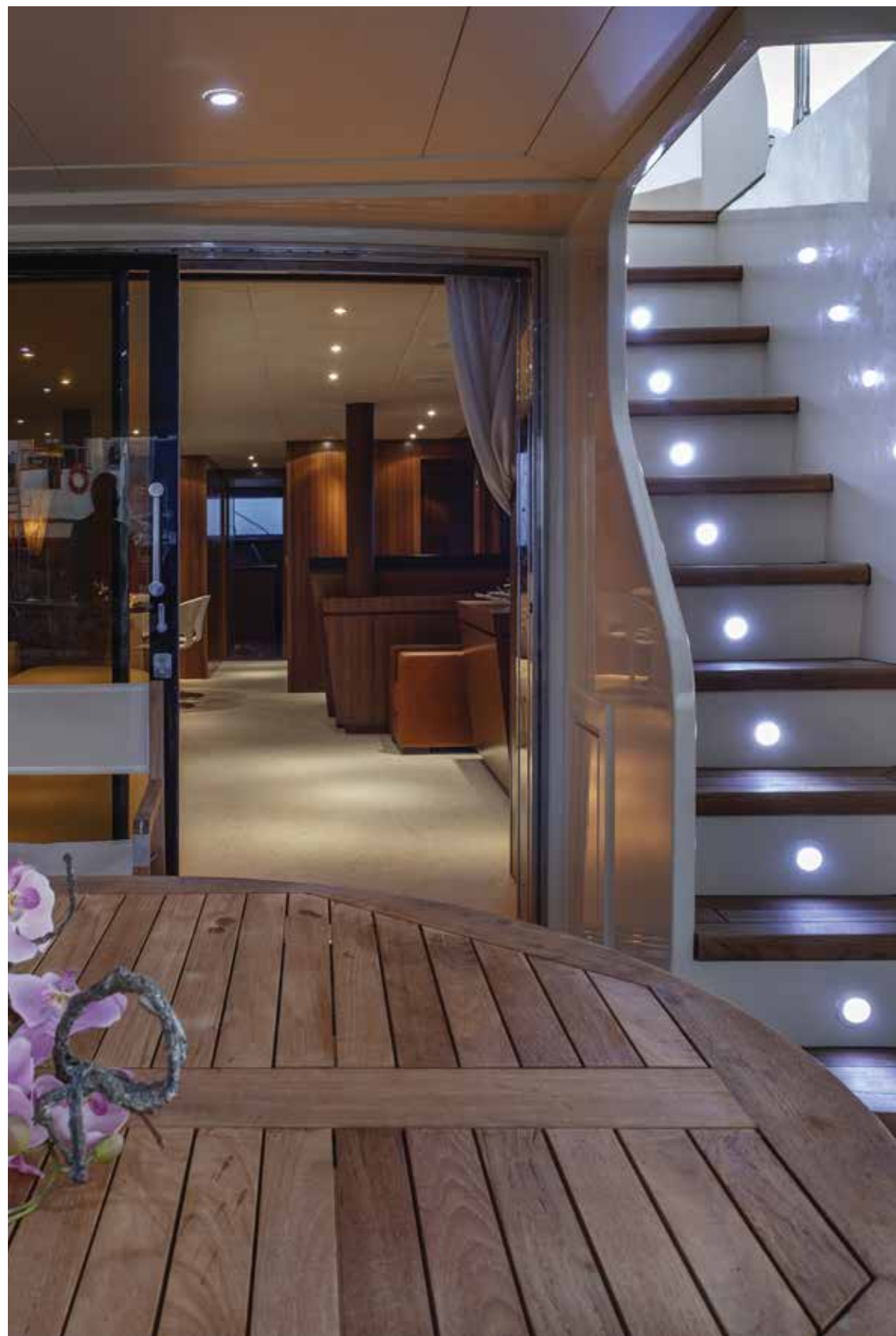
## ACCESSORIES

Compatible for use with standard box



## ON REQUEST

Other RAL colors or materials  
 Other led  
 Other dimensions (customized)  
 On demand IP20 version



WALL LIGHT recessed

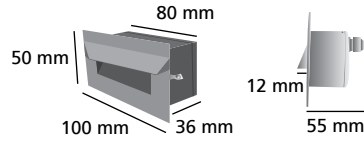




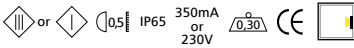
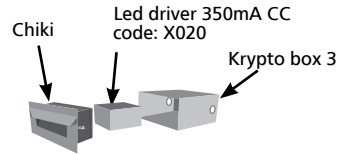
# Chiki

code: 346. xxx.xx

led color



### Installation on 220-240V 50/60 Hz



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

### LED

**D31** 3.2W - 5000K - 350mA  
**N31** 3.2W - 4000K - 350mA  
**W31** 3.2W - 3000K - 350mA  
**W30** 3W - 2700K - 230V

### COLOR

**02A** Anodized black  
**32** Anodized  
**33** Anodized bronze

### DESCRIPTION

Recessed lighting degree of protection IP65  
 Body made anodized aluminium  
 Screws made stainless steel  
 Safety clear plexiglass  
 Energy class EC: A++

### ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)  
 Recessed box: X065 (galvanized steel)



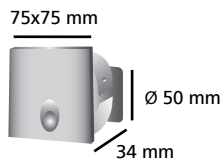
### ON REQUEST

Other RAL colors or materials  
 Other led  
 Other dimensions (customized)

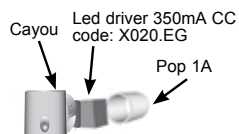
# Cayou



code: 328. xxx.xx  
led color



**Installation on 220-240V 50/60 Hz**



## Typical luminous flux (lm)

	350mA 3,2W
2700 K	337
3000 K	354
4000 K	380
5000 K	381

## LED

**D31** 3.2W - 5000K - 350mA  
**N31** 3.2W - 4000K - 350mA  
**W31** 3.2W - 3000K - 350mA

## COLOR

**02A** Anodized black  
**32** Anodized  
**33** Anodized bronze



## DESCRIPTION

Recessed lighting degree of protection IP65  
 Body made anodized aluminium  
 Screws made stainless steel  
 Safety sandblasted plexiglass  
 Energy class EC: A++

## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)  
 Recessed box: X016A.EG (plastic PVC tube)



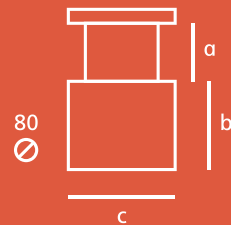
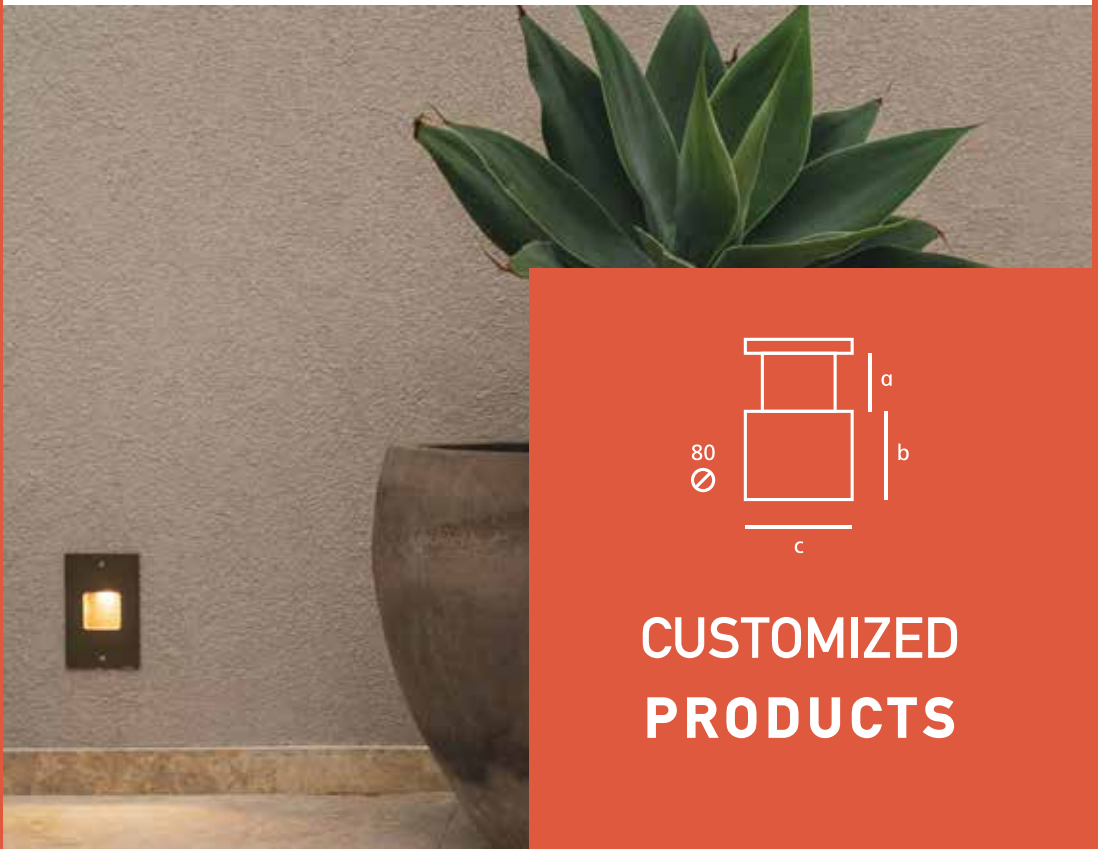
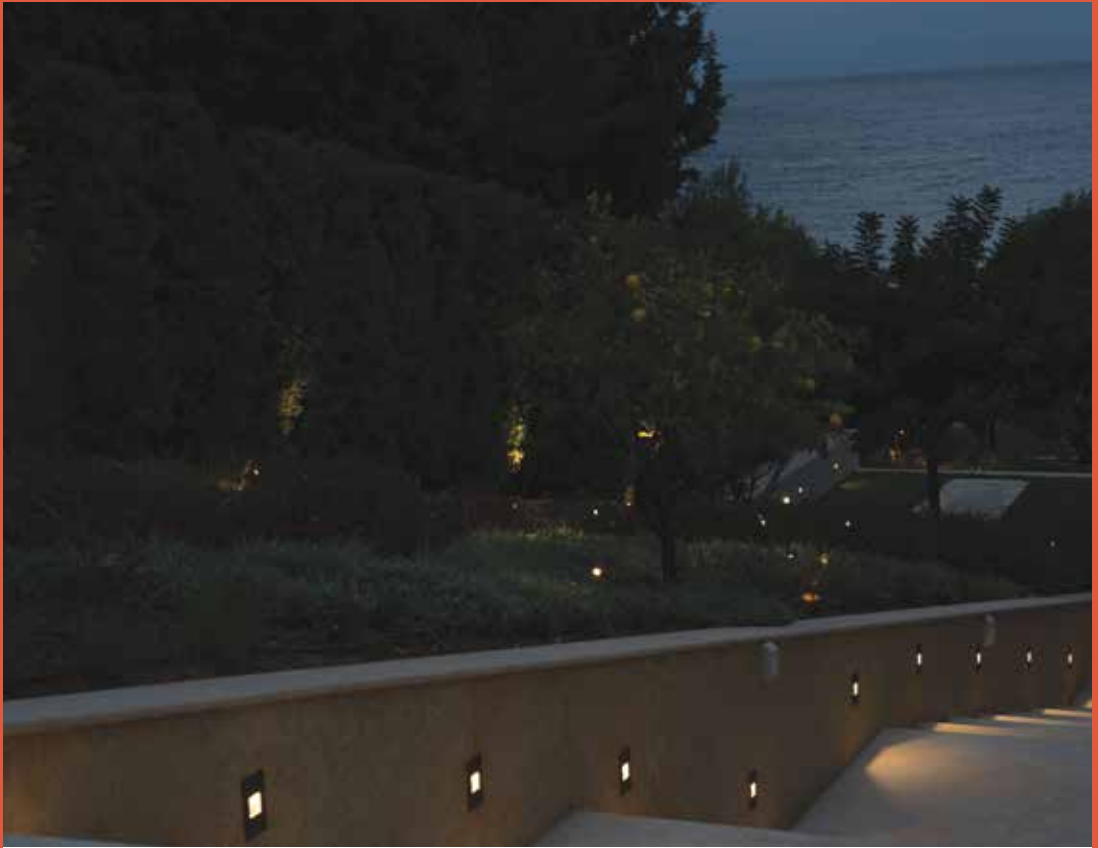
## ON REQUEST

Other RAL colors or materials  
 Other led  
 Other dimensions (customized)

WALL LIGHT recessed



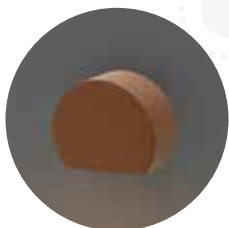




**CUSTOMIZED  
PRODUCTS**



Stepan p. 58



Doombo p. 59



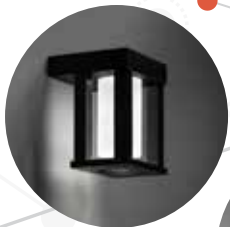
Mini Brick p. 60



Brick p. 61



Window p. 63



Fanos p. 64



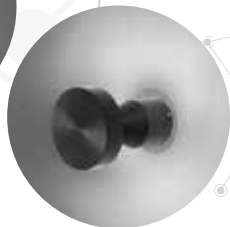
Antique p. 65



Cruz p. 66



UFO p. 67



Disk p. 70



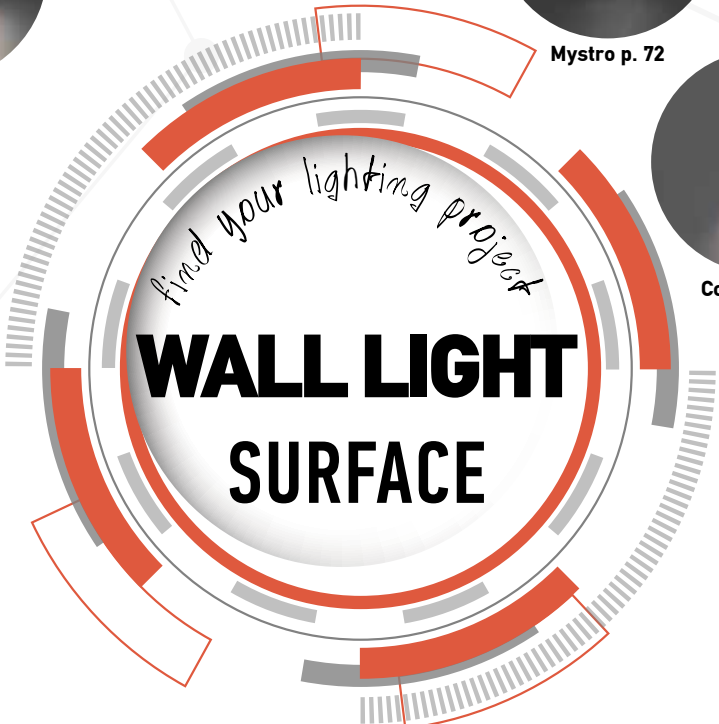
Mystro p. 72



Moon p. 71

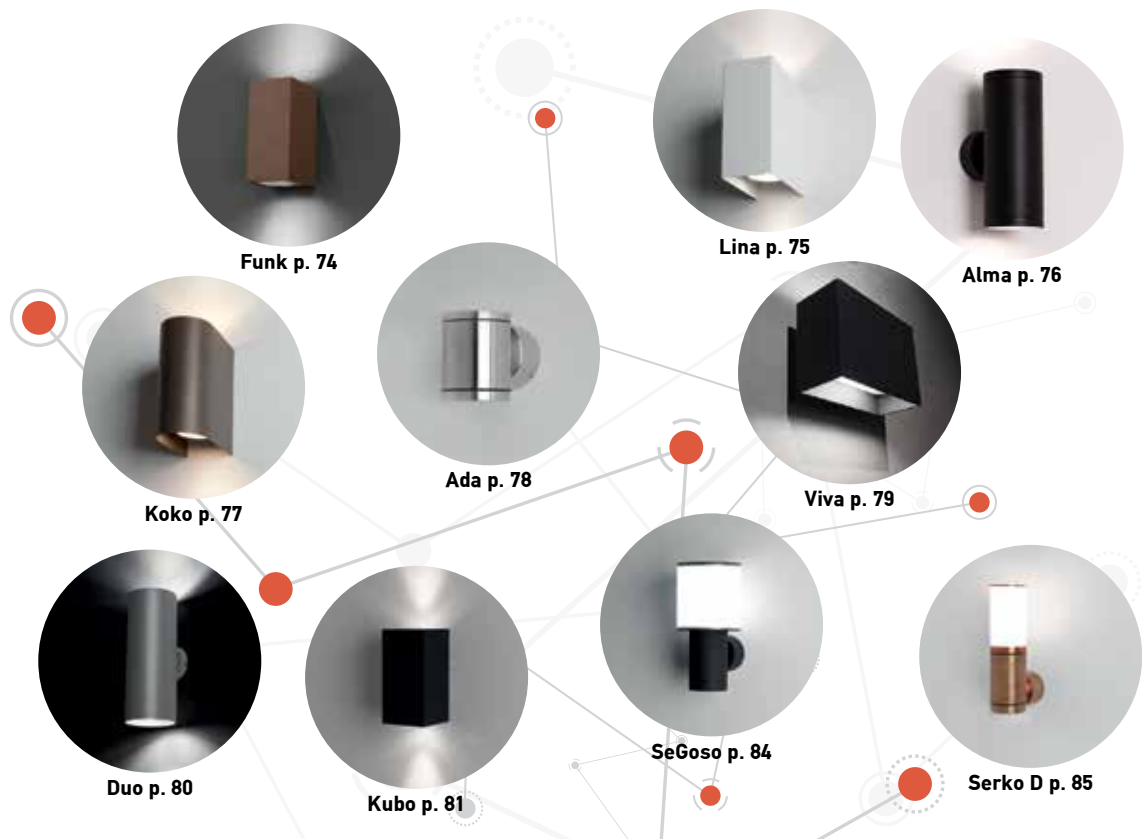


Cookie p. 73



*find your lighting project*

# WALL LIGHT SURFACE



# StePan



code: 332.xx.xx

led  
bulb color

47 mm

Ø 100 mm



## LED / BULB

**W6** 6W - 3000K - 230V  
**G9** G9 Led (dimeter 32mm/height 65mm)

## COLOR

**01** White  
**02A** Anodized black  
**24** Corten  
**32** Anodized  
**33** Anodized bronze  
**39** Grey  
**48** Dark grey

### Typical luminous flux (lm)

**230V**  
6W

2700 K	480
3000 K	500

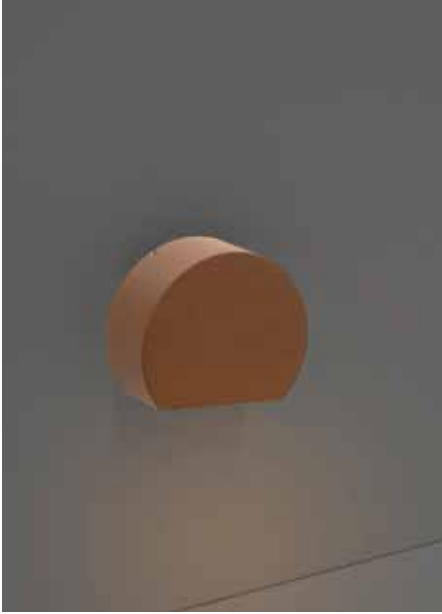
## DESCRIPTION

Body made solid aluminium  
Degree of protection IP65 / IK08  
Screws made stainless steel  
Safety clear & sandblasted plexiglass  
Energy class A+

## ON REQUEST

Other RAL colors  
Other led: 6,5W 350mA  
Other dimensions (customized)

# Doombo



code: 339.xx.xx

led  
bulb color

42 mm



82 mm

75 mm



WALL LIGHT surface

## LED / BULB

**W3** 3W - 3000K - 230V

**G9** G9 Led (diameter 18mm/height 46mm)

## COLOR

**01** White

**02A** Anodized black

**24** Corten

**32** Anodized

**33** Anodized bronze

**39** Grey

**48** Dark grey

## Typical luminous flux (lm)

	<b>230V</b>
	3W
2700 K	170
3000 K	170

## DESCRIPTION

Body made solid aluminium  
Degree of protection IP65  
Screws made stainless steel  
Safety clear plexiglass  
Energy class A+

## ON REQUEST

Other RAL colors  
Other led: 6,5W 350mA  
Other dimensions (customized)

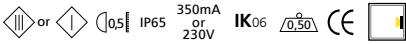
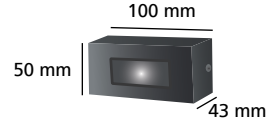


# Mini Brick



code: 341.xxx.xx

led color



## LED

<b>D32</b>	3.2W - 350mA - 5000K
<b>N32</b>	3.2W - 350mA - 4000K
<b>W32</b>	3.2W - 350mA - 3000K
<b>W03</b>	3W - 230V - 2700K

## COLOR

<b>02A</b>	Anodized black
<b>32</b>	Anodized
<b>33</b>	Anodized bronze

## Typical luminous flux (lm)

	350mA 3,2W	230V 3W
2700 K	337	170
3000 K	354	170
4000 K	380	
5000 K	381	

## DESCRIPTION

Body made anodized aluminium  
Degree of protection IP65  
Screws made stainless steel  
Safety clear plexiglass  
Energy class A+

## ON REQUEST

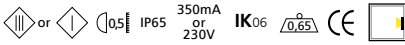
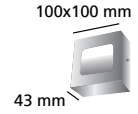
Other RAL colors or materials  
Other led: 6,5W 350mA  
Other dimensions (customized)



# Brick

code: 334.xxx.xx

led color



WALL LIGHT surface



## LED

**D32** 3,2W - 350mA - 5000K  
**N32** 3,2W - 350mA - 4000K  
**W32** 3,2W - 350mA - 3000K  
**W03** 3W - 230V - 2700K

## COLOR

**02A** Anodized black  
**32** Anodized  
**33** Anodized bronze

### Typical luminus flux (lm)

	350mA	230V
	3,2W	3W
2700 K	337	170
3000 K	354	170
4000 K	380	
5000 K	381	

## DESCRIPTION

Body made anodized aluminium  
 Degree of protection IP65  
 Screws made stainless steel  
 Safety clear & sandblasted plexiglass  
 Energy class A+

## ON REQUEST

Other RAL colors  
 Other led: 6,5W 350mA  
 Other dimensions (customized)

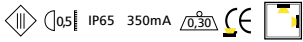
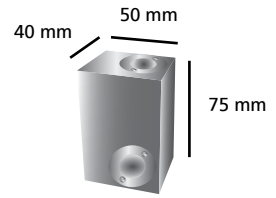


# Window



code: 331.x.xxx.xx

side led color



## SIDE

-  L Left
-  R Right

## LED

- D31** 2x3,2W - 350mA - 5000K - 5°
- N31** 2x3,2W - 350mA - 4000K - 5°
- W31** 2x3,2W - 350mA - 3000K - 5°

## COLOR

- 02A** Anodized black
- 32** Anodized
- 33** Anodized bronze

WALL LIGHT surface



## DESCRIPTION

Body made in solid aluminium  
 Degree of protection IP65  
 Clear Glass liba 2000  
 2 Led 3,2W 350mA incorporated  
 Energy class EC: A+

## ON REQUEST

Other RAL colors  
 Other led 2700K

# Fanos



code: 324.xx.xx

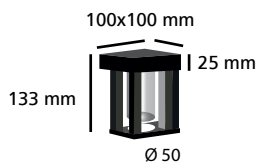
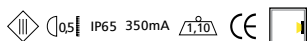
led color

133 mm



25 mm

100x100 mm



code: 325.xx.xx

led color



## Typical luminous flux (lm)

350mA  
6,5W

2700 K	807
3000 K	845
4000 K	877
5000 K	959

### LED

**D6** 6.5W - 5000K - 70°

**N6** 6.5W - 4000K - 70°

**W6** 6.5W - 3000K - 70°

### COLOR

**02A** Anodized black

**32** Anodized

**33** Anodized bronze

### DESCRIPTION

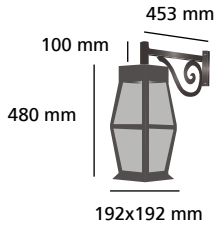
Body made in anodized aluminium  
Degree of protection IP65  
Safety sandblasted plexiglass  
Led 6,5W 350mA incorporated  
Energy class EC: A+

### ACCESSORIES

Led driver: 350mA (for example X037.DIM.EG or X032B.EG)



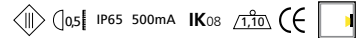
# Antique



code: 344.xx.xx  
led color



WALL LIGHT surface



ON REQUEST

## Typical luminous flux (lm)

500mA 15W	
2700 K	1887
3000 K	1966
4000 K	2084
5000 K	2103

### LED

**D3** 15W - 5000K - 100°  
**N3** 15W - 4000K - 100°  
**W3** 15W - 3000K - 100°

### COLOR

**02** Black  
**24** Corten  
**48** Dark grey

### DESCRIPTION

Body made in profile aluminium  
Degree of protection IP65 - IK08  
Symetrical silicone lens anti-UV  
Led 15W/500mA incorporated  
Energy class EC: A+

### ACCESSORIES

Led driver: 500mA (for example X033B.EG)

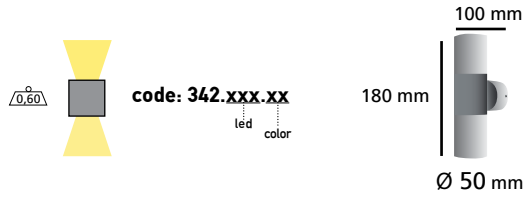


### ON REQUEST

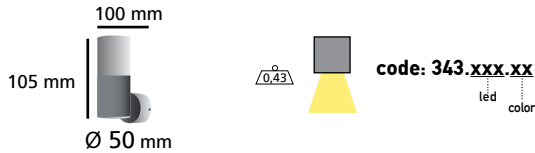
Other RAL colors  
Version with sandblasted plexiglass  
Available also with base for column adjustment



# Cruz



or IP65 350mA or 230V IK09



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

## LED

**D32** 3,2W - 350mA - 5000K  
**N32** 3,2W - 350mA - 4000K  
**W32** 3,2W - 350mA - 3000K  
**W03** 3W - 230V - 3000K

## COLOR

**01** White  
**02A** Anodized black  
**04** Stainless steel  
**32** Anodized  
**33** Anodized bronze

## DESCRIPTION

Body made in profile aluminium or stainless steel  
 Degree of protection IP65 - IK09  
 Safety sandblasted plexiglass  
 Led 3,2W/350mA or 3W/230V incorporated  
 Energy class EC: A+ (350mA) - A (230V)

## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)




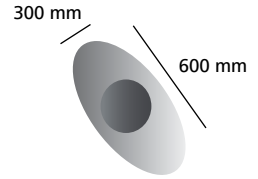
## ON REQUEST

Other RAL colors  
 Other materials (copper, brass)  
 Other dimensions of plexiglass

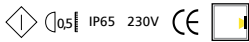
# UFO



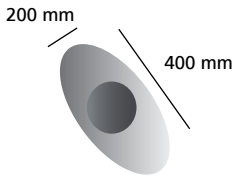
 **code: 337.xx.xx**  
led  
bulb color




ON REQUEST



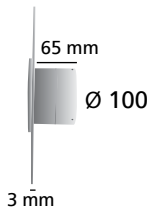
WALL LIGHT surface 



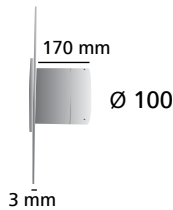
 **code: 338.xx.xx**  
led  
bulb color



**LED W6**



**BULB E27**



## LED / BULB

**W6** 6W - 23000K - 30V  
**E2** E27 Led (height 136mm)

## COLOR

**01** White  
**02A** Anodized black  
**24** Corten  
**32** Anodized  
**33** Anodized bronze  
**39** Grey  
**48** Dark grey

## DESCRIPTION

Body made in profile aluminium  
Degree of protection IP65  
Safety mat plexiglass  
Led 6W/230V incorporated in version W6  
Energy class EC: A+

## ON REQUEST

Other RAL colors  
Other Led 350mA or 230V  
Other dimensions & shapes of plexiglass (customized)





**Bel Lighting Collection**  
**Atlantic G**

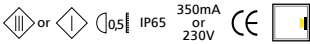
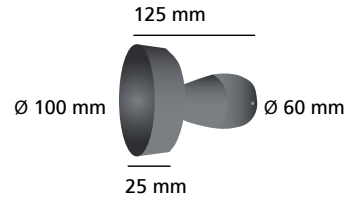


**Bel Lighting Collection**  
**Omega 2**

# Disk



code: 340.xxx.xx  
led color



## LED

**D61** 6.5W - 5000K  
**N61** 6.5W - 4000K  
**W61** 6.5W - 3000K  
**W06** 6W/230V - 3000K

## COLOR

**02A** Anodized black  
**32** Anodized  
**33** Anodized bronze

### Typical luminous flux (lm)

	350mA 6,5W	230V 6W
2700 K	807	480
3000 K	845	500
4000 K	877	
5000 K	959	

## DESCRIPTION

Body made in anodized aluminium  
 Degree of protection IP65  
 Safety sandblasted plexiglass  
 Led 6,5W 350mA or 6W 230V  
 incorporated  
 Energy class EC: A+

## ACCESSORIES

Led driver: 350mA (for example X037.DIM.EG or X032B.EG)





# Moon

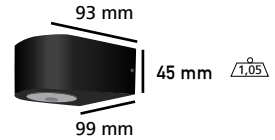
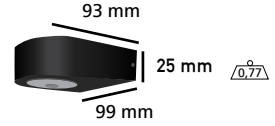


code: 329.xxx.xx



code: 330.xxx.xx

led color



WALL LIGHT surface

## LED

- D61** 6.5W - 5000K - 70°
- N61** 6.5W - 4000K - 70°
- W61** 6.5W - 3000K - 70°
- W06** 6W / 230V - 3000K - 70°

## COLOR

- 02A** Anodized black
- 32** Anodized
- 33** Anodized bronze

### Typical luminous flux (lm)

	350mA 6,5W	230V 6W
2700 K	807	480
3000 K	845	500
4000 K	877	
5000 K	959	

## DESCRIPTION

Body made in anodized aluminium  
 Degree of protection IP65  
 Safety sandblasted plexiglass  
 Led 6,5W 350mA or 6W 230V  
 incorporated  
 Energy class EC: A+

## ACCESSORIES

Led driver: 350mA (for example X037.DIM.EG or X032B.EG)







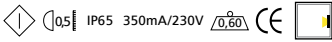
# Mystro

code: 335.xxx.xx

led color

100x100 mm

54 mm



## LED

**D11** 3x1.2W - 350mA/230V - 5000K - 10°  
**N11** 3x1.2W - 350mA/230V - 4000K - 10°  
**W11** 3x1.2W - 350mA/230V - 3000K - 10°

## COLOR

**02** Black  
**24** Corten  
**39** Grey  
**48** Dark Grey



## Typical luminus flux (lm)

350mA 1,2W	
2700 K	3x120
3000 K	3x125
4000 K	3x135
5000 K	3x145

## DESCRIPTION

Body made in profile aluminium  
 Degree of protection IP65  
 Safety clear glass  
 3 Led 1,2W 350mA/230V incorporated  
 Energy class EC: A+

## ON REQUEST

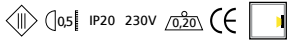
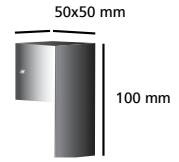
Other RAL colors  
 Other led 3W 230V  
 Other dimensions (customized)  
 Other beam angle



# Cookie

code: **323.xxx.xx**

led color



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

## LED

**D32** 3.2W - 350mA - 5000K - 70°  
**N32** 3.2W - 350mA - 4000K - 70°  
**W32** 3.2W - 350mA - 3000K - 70°  
**W03** 3W - 230V - 2700K - 70°

## COLOR

**01** White  
**02** Black  
**24** Corten  
**39** Grey  
**48** Dark Grey

WALL LIGHT surface



## DESCRIPTION

Body made in profile aluminium  
 Degree of protection IP20  
 Class 1 (230V) or Class 3 (350mA)  
 Led 3,2W 350mA or 3W 230V incorporated  
 Energy class EC: A+

## ACCESSORIES

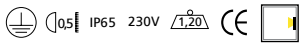
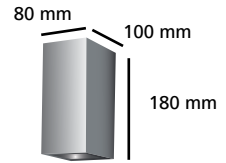
Led driver: 350mA (for example X020 or X032B)



# Funk



code: 345.GU.xx  
color



## COLOR

- 02 Black
- 24 Corten
- 39 Grey
- 48 Dark grey

## DESCRIPTION

Body made in aluminum  
Screws in stainless steel  
Safety clear plexiglass  
Degree of protection IP65  
Energy class EC: A

## ON REQUEST

Other RAL colors  
Version with Led 6,5W 850lmn  
Version of one side lighting

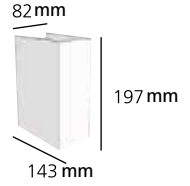


# Lina

**IP20** code: C152.GU.xx



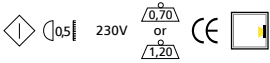
color



**IP65** code: C771.GU.xx



color



## COLOR

- 01 White
- 02A Anodized black
- 24 Corten
- 32 Anodized
- 33 Anodized bronze
- 39 Grey
- 48 Dark grey

## COLOR (only for C771)

- 04 Stainless steel
- 07 Natural brass

WALL LIGHT surface



## DESCRIPTION

Body made in aluminum, stainless steel, brass or copper  
 Screws in stainless steel  
 Degree of protection IP65 or IP20  
 Safety clear glass  
 Energy class EC: A+

## ON REQUEST

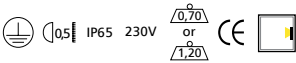
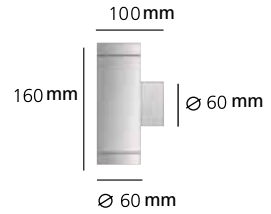
Other RAL colors



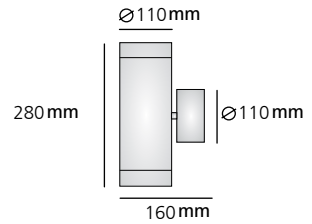


# Alma

**GU10** code: **C777.GU.xx**  
color



**PAR30** code: **C781.E2.xx**  
color



Natural Brass



Copper

## COLOR

- 01 White
- 02A Anodized black
- 24 Corten
- 32 Anodized
- 33 Anodized bronze
- 39 Grey
- 48 Dark grey

## COLOR (only for C777)

- 04 Stainless steel
- 07 Natural brass
- 21 Copper

**16** Marine 316L

## 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+

## ON REQUEST

Other RAL colors  
Other dimensions  
IK09 with clear or sandblasted safety plexiglass  
Custom version with Led 6W/230V or 6,5W/350mA incorporated

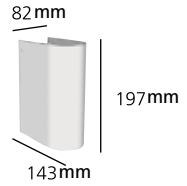


# Koko

**IP20** code: **C151.GU. xx**



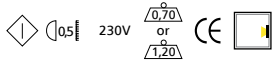
color



**IP65** code: **C770.GU. xx**



color



## COLOR

- 01** White
- 02A** Anodized black
- 24** Corten
- 32** Anodized
- 33** Anodized bronze
- 39** Grey
- 48** Dark grey

## COLOR (only for C770)

- 04** Stainless steel
- 07** Natural brass

WALL LIGHT surface



## DESCRIPTION

Body made in aluminum, stainless steel, brass or copper  
Screws in stainless steel  
Degree of protection IP65 or IP20  
Safety clear glass  
Energy class EC: A+

## ON REQUEST

Other RAL colors



Custom RAL color

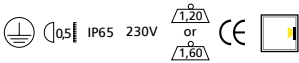
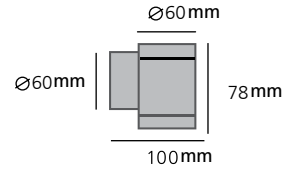


# Ada



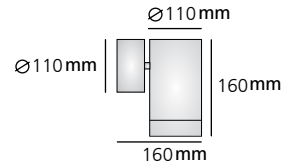
**GU10**

code: **C778.GU.xx**  
color



**PAR30**

code: **C780.E2.xx**  
color



Natural Brass



Copper

## COLOR

- 01 White
- 02A Anodized black
- 24 Corten
- 32 Anodized
- 33 Anodized bronze
- 39 Grey
- 48 Dark grey

## COLOR (only for C778)

- 04 Stainless steel
- 07 Natural brass
- 21 Copper

**16** Marine 316L

## DESCRIPTION

Body made in aluminium, stainless steel, brass or copper  
Screws in stainless steel  
Degree of protection IP65  
Safety clear plexiglass for GU10, clear glass for PAR30  
Energy class EC: A+

## ON REQUEST

Other RAL colors  
Other dimensions  
IK09 with clear or sandblasted safety plexiglass  
Custom version with Led 6W/230V or 6,50W/350mA incorporated

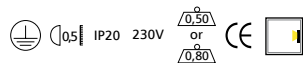
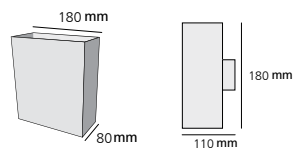


# Viva

**GU10**

code: C210.EC.xx

color



## COLOR

- 01 White
- 02 Black
- 24 Corten
- 39 Grey
- 48 Dark grey

WALL LIGHT surface 



## DESCRIPTION

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

## ON REQUEST

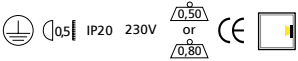
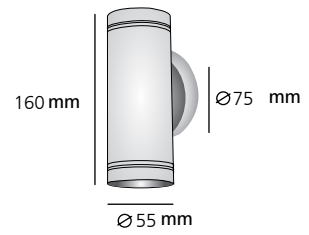
Other RAL colors  
Other dimensions

# Duo



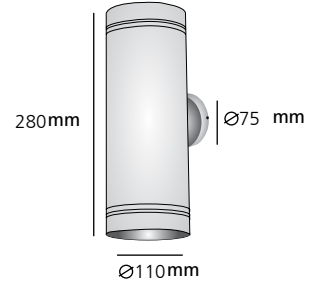
**GU10**

code: **C169.GU.xx**  
color



**PAR30**

code: **C170.E2.xx**  
color



## COLOR

<b>01</b>	White
<b>02</b>	Black
<b>24</b>	Corten
<b>39</b>	Grey
<b>48</b>	Dark grey

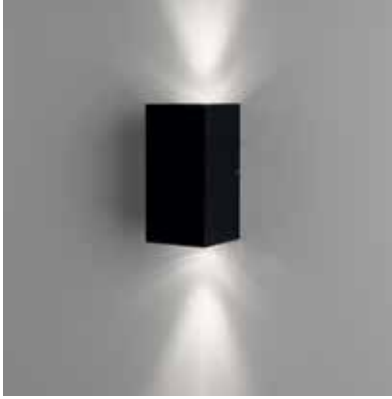
## DESCRIPTION

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

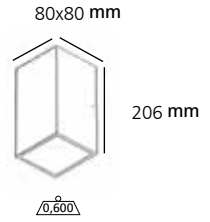
## ON REQUEST

Other RAL colors  
Other dimensions

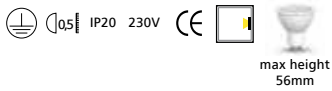
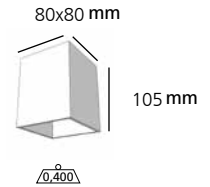
# Kubo



code: C147.EC.xx  
color



code: C146.EC.xx  
color



WALL LIGHT surface

## COLOR

- 01 White
- 02 Black
- 24 Corten
- 39 Grey
- 48 Dark grey

## DESCRIPTION

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

## ON REQUEST

Other RAL colors  
Other dimensions

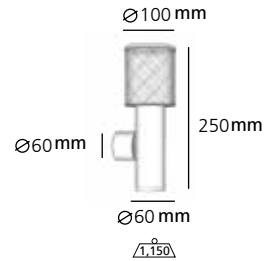
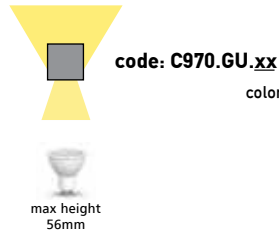
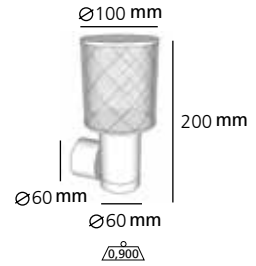
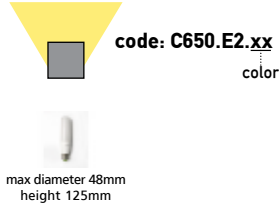








# SeGoSo



IP65 230V IK04 850°C

## COLOR

02A	Anodized black	24	Corten
04	Stainless steel	32	Anodized
07	Natural brass	33	Anodized bronze
21	Copper	39	Grey
		48	Dark grey

### DESCRIPTION

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

### ACCESSORIES

Led Lamp E27: LED.E201.10830.EG



### ON REQUEST

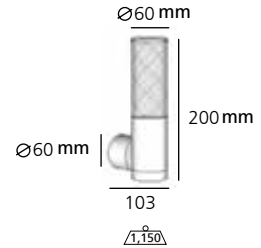
Other RAL colors  
 Other dimensions  
 Other sockets for Led (E14, G9, G4)

# Serko D



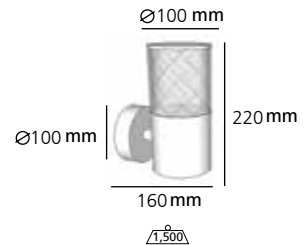
code: **C710.E2.xx**  
color

max diameter 48mm  
height 125mm



code: **C702.E2.xx**  
color

max diameter 65mm  
height 170mm



⊕ 0.5 IP65 230V IK04 850°C CE

WALL LIGHT surface

## COLOR

- 02A Anodized black
- 24 Corten
- 32 Anodized
- 33 Anodized bronze
- 39 Grey
- 48 Dark grey

## COLOR (only for C710)

- 04 Stainless steel
- 07 Natural brass
- 21 Copper

16 Marine 316L

## DESCRIPTION

Body made in aluminium, stainless steel, brass or copper  
Screws in stainless steel  
Degree of protection IP65  
Safety sandblasted plexiglass  
Energy class EC: A++/E

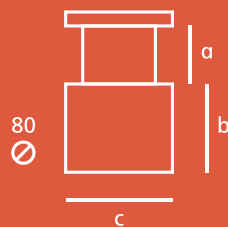
## ACCESSORIES

Led Lamp E27  
for code C710: LED.E201.10830.EG  
for code C702: LED.E204.13830.EG



## ON REQUEST

Other RAL colors  
Other dimensions  
Other sockets for Led (E14, G9, G4)



**CUSTOMIZED  
PRODUCTS**

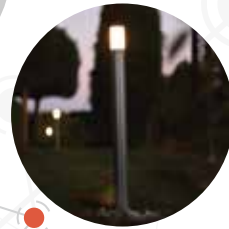




**Goved p. 90**



**Berog p.91**



**Seko FL p. 94**



**Segoso FL p. 95**



**KaRRe p. 96**



**Tower FL p. 97**



**Maxi Swapi FL p. 99**



**Maxi Swapi p. 98**



**Stoumpi p. 100**

*find your lighting project*

# **GARDEN BOLLARD**



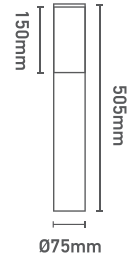




# Goved

E27 LED  
max diameter 48mm  
height 125mm

code: **C704.E27.xx**  
color



## COLOR

- 02A Anodized black
- 32 Anodized
- 33 Anodized bronze

## DESCRIPTION

Degree of protection IP55  
Body made of profile aluminium  
Safety sandblasted plexiglass  
Screws made stainless steel  
Energy class A+

## ACCESSORIES

Led Lamp E27: LED.E201.10830.EG



## ON REQUEST

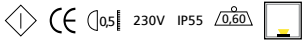
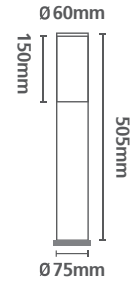
Other RAL colors  
Other dimensions (customized)  
Other sockets for Led (E14, G9, G4)



# Berog

E14 LED  
max diameter 38mm  
height 114mm

code: **C703.E14.xx**  
color



GARDEN BOLLARD



## COLOR

- 02A Anodized black
- 32 Anodized
- 33 Anodized bronze

## DESCRIPTION

Degree of protection IP55  
Body made of profile aluminium  
Safety sandblasted plexiglass  
Screws made stainless steel  
Energy class A+

## ON REQUEST

Other RAL colors  
Other dimensions (customized)  
Other sockets for Led (E27, G9, G4)



**Bel Lighting Collection**  
Despo FL



**Bel Lighting Collection**  
Indy





GARDEN BOLLARD



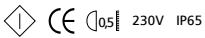
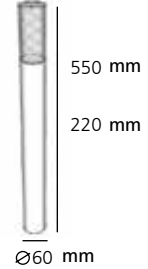
**Bel Lighting Collection**  
Sampa FL (Rusty iron)

# Serko FL



code: C700.xx.xx

color  
height



E27 LED  
max diameter 48mm  
height 125mm





Copper



Marine

## HEIGHT

22 220mm   
55 550mm 

## COLOR

02A Anodized black	24 Corten
04 Stainless steel	32 Anodized
07 Natural brass	33 Anodized bronze
21 Copper	39 Grey
16 Marine 316L	48 Dark grey

## DESCRIPTION

Degree of protection IP65  
Body made of stainless steel, copper, brass, profile aluminium  
Safety sandblasted plexiglass  
Screws made stainless steel  
Energy class A+

## ACCESSORIES

PIC: 802.00.02  
Easy install: CX01.xx  
POLI INOX: IN 880.EG  
Led Lamp E27: LED.E201.10830.EG



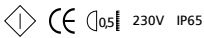
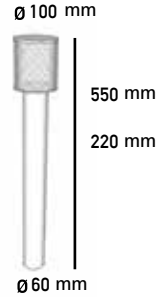
## ON REQUEST

Other RAL colors  
Other dimensions (customized)  
Other sockets for Led (E14, G9, G4)

# Segoso FL



code: C680.xx.xx  
 color  
 height



E27 LED  
 max diameter 48mm  
 height 125mm



GARDEN BOLLARD

## HEIGHT

22	220mm	
55	550mm	

## COLOR

02A	Anodized black	24	Corten
04	Stainless steel	32	Anodized
07	Natural brass	33	Anodized bronze
21	Copper	39	Grey
16	Marine 316L	48	Dark grey

## DESCRIPTION

Degree of protection IP65  
 Body made of stainless steel, copper, brass, profile aluminium  
 Safety sandblasted plexiglass  
 Screws made stainless steel  
 Energy class A+

## ACCESSORIES

PIC: 802.00.02  
 Easy install: CX01.xx  
 POLI INOX: IN 880.EG  
 Led Lamp E27: LED.E201.10830.EG



## ON REQUEST

Other RAL colors  
 Other dimensions (customized)  
 Other sockets for Led (E14, G9, G4)

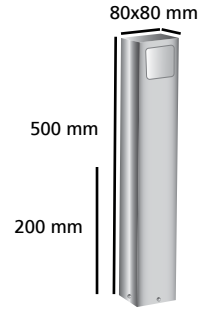


# KaRRe



E27 LED  
max diameter 48mm  
height 125mm

code: 333.x.xx.xx  
color  
height  
side



## SIDE

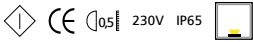
- 1 one side
- 2 two sides

## HEIGHT

- 20 200mm
- 50 500mm

## COLOR

- 02 Black
- 24 Corten
- 39 Grey
- 48 Dark grey



## DESCRIPTION

Degree of protection IP65  
Body made of profile aluminium  
Safety sandblasted plexiglass  
Screws made stainless steel  
Energy class A+

## ACCESSORIES

Led Lamp E27: LED.E203.16830.EG



## ON REQUEST

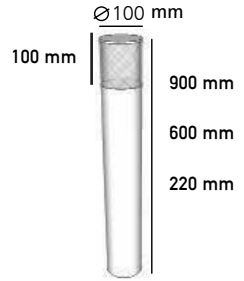
Other RAL colors  
Other dimensions (customized)  
Other sockets for Led (E14, G9, G4)

# Tower FL



E27 LED  
max diameter 65mm  
height 170mm

code: C162.xx.xx  
color  
height

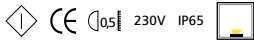


## HEIGHT

22	220mm	
60	600mm	
90	900mm	

## COLOR

02A	Anodized black
24	Corten
32	Anodized aluminium
39	Grey
48	Dark grey



## DESCRIPTION

Degree of protection IP65  
Body made of profile aluminium  
Safety sandblasted plexiglass  
Screws made stainless steel  
Energy class A+

## ACCESSORIES

Led Lamp E27: LED.E204.13830.EG



## ON REQUEST

Other RAL colors  
Other dimensions (customized)  
Other sockets for Led (E14, G9, G4)



GARDEN BOLLARD

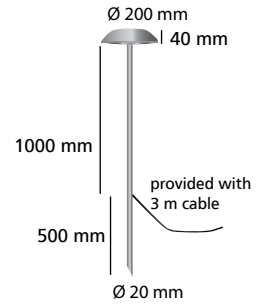


# Maxi Swapi



code: 350.xxx.xx

color  
Led



## LED

**D18** 16.8W/350mA - 5000K  
**N18** 16.8W/350mA - 4000K  
**W18** 16.8W/350mA - 3000K

## COLOR

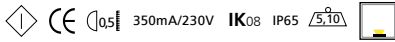
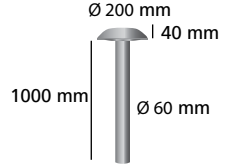
**02A** Anodized black  
**32** Anodized  
**33** Anodized bronze



# Maxi Swapi FL



code: 351.xxx.xx  
 color  
 Led



GARDEN BOLLARD



## LED

**D18** 16.8W-350mA/230V - 5000K  
**N18** 16.8W-350mA/230V - 4000K  
**W18** 16.8W-350mA/230V - 3000K

## COLOR

**02A** Anodized black  
**32** Anodized  
**33** Anodized bronze



## DESCRIPTION

Degree of protection IP65  
 Body made of profile aluminium  
 Safety sandblasted plexiglass  
 Screws made stainless steel  
 Energy class A+

## ACCESSORIES

Easy install B:  
 PIC 1: 802.00.02  
 ANCHOR 1: ACFX12.SW



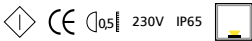
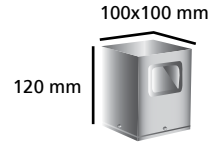
## ON REQUEST

Other RAL colors  
 Other dimensions (customized)

# Stoumpi



code: 357.xxx.xx  
 color  
 led



## LED

**D61** 6.5W-350mA/230V - 5000K  
**N61** 6.5W-350mA/230V - 4000K  
**W61** 6.5W-350mA/230V - 3000K  
**W06** 6W/230V - 3000K

## COLOR

**02** Black  
**24** Corten  
**39** Grey  
**48** Dark grey

## Typical luminous flux (lm)

	350mA 6,5W	230V 6W
2700 K	807	480
3000 K	845	500
4000 K	877	
5000 K	959	

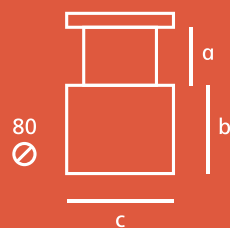
## DESCRIPTION

Degree of protection IP65  
 Body made of profile aluminium  
 Safety sandblasted clear plexiglass  
 Led 6,5W 350mA / 230V or 6W 230V  
 incorporated  
 Screws made stainless steel  
 Energy class A+

## ON REQUEST

Other RAL colors  
 Other dimensions (customized)





**CUSTOMIZED  
PRODUCTS**

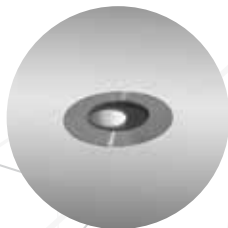




**Zona Dark p. 104**



**Venus Dark p. 107**



**Xeno Y p. 108**



**Nautic S p. 110**



**Nautic M p. 112**

*find your lighting project*

# **FLOOR & POOL**

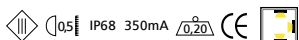
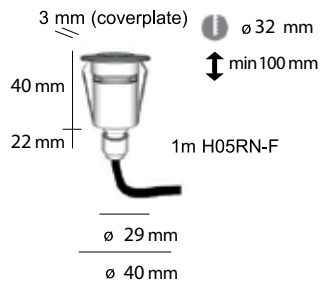


# Zona dark



code: **8022D. xxx.xx**

led color



## LED

D11	1.2W - 5000K - 10°
D13	1.2W - 5000K - 38°
N11	1.2W - 4000K - 10°
N13	1.2W - 4000K - 38°
W11	1.2W - 3000K - 10°
W13	1.2W - 3000K - 38°
D31	3.2W - 5000K - 30°
D32	3.2W - 5000K - 45°
N31	3.2W - 4000K - 30°
N32	3.2W - 4000K - 45°
W31	3.2W - 3000K - 30°
W32	3.2W - 3000K - 45°

## COLOR

- 02A Anodized black
- 04 Stainless steel

*16 Marine 316L*

## Typical luminous flux (lm)

	350mA 1,2W	350mA 3,2W
2700 K	120	337
3000 K	125	354
4000 K	135	380
5000 K	145	381

## DESCRIPTION

Body made in solid aluminium  
Coverplate made in stainless steel, anodized aluminium or stainless steel 316L  
Degree of protection IP68  
Safety clear glass  
Led 1,2W or 3,2W 350mA incorporated  
Provided with 1m cable  
Energy class EC: A+

## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)  
Recessed box: X068B (plastic PVC tube)  
IP68 connectors: Connex 2 / Connex 3



## ON REQUEST

Other coverplate dimensions  
Other materials (brass, copper)  
Other beam angle (elliptical only for 1,2W)  
Other cable length (customized)





FLOOR LIGHT

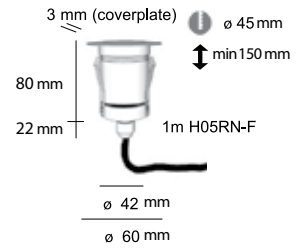






# Venus dark

code: **7014D. xxx.xx**  
 led color



## LED

- W27** 3W - 230V - 2700K - 35°
- W28** 3W - 230V - 2700K - 10°
- W30** 3W - 230V - 3000K - 35°
- W31** 3W - 230V - 3000K - 10°

## COLOR

- 02A** Anodized black
- 04** Stainless steel

*16 Marine 316L*

FLOOR LIGHT 

Typical luminous flux (lm)	
	230V
	3W
2700 K	170
3000 K	170

## DESCRIPTION

Body made in solid anodized aluminium  
 Coverplate made stainless steel 316L  
 Degree of protection IP67  
 Safety clear glass  
 Provided with 1m cable  
 Energy class EC: A+

## ACCESSORIES

Recessed box: X016B.EG (plastic PVC tube)  
 IP68 connectors: Connex 2 / Connex 3

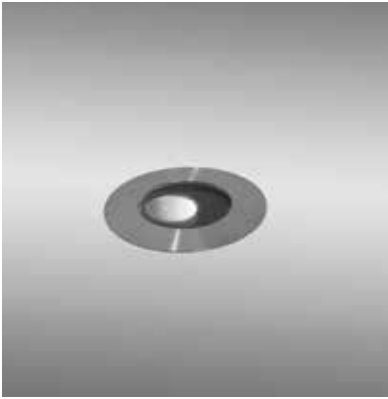


## ON REQUEST

Sandblasted glass  
 Other beam angle  
 Other cable length (customized)  
 Other Led (350mA or 500mA)

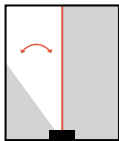
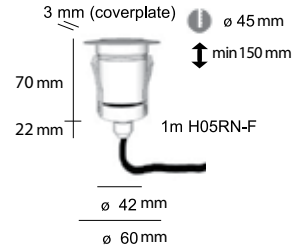


# Xeno Y



code: **8024Y. xxx.xx**

led  
color



ANGLE  
30°

## LED

<b>D11</b>	1.2W - 5000K - 10°
<b>D13</b>	1.2W - 5000K - 38°
<b>N11</b>	1.2W - 4000K - 10°
<b>N13</b>	1.2W - 4000K - 38°
<b>W11</b>	1.2W - 3000K - 10°
<b>W13</b>	1.2W - 3000K - 38°
<b>D31</b>	3.2W - 5000K - 30°
<b>D32</b>	3.2W - 5000K - 45°
<b>N31</b>	3.2W - 4000K - 30°
<b>N32</b>	3.2W - 4000K - 45°
<b>W31</b>	3.2W - 3000K - 30°
<b>W32</b>	3.2W - 3000K - 45°

## COLOR

- 02A** Anodized black
- 04** Stainless steel

*16 Marine 316L*

## Typical luminous flux (lm)

	350mA 1,2W	350mA 3,2W
2700 K	120	337
3000 K	125	354
4000 K	135	380
5000 K	145	381

## DESCRIPTION

Body made in solid anodized aluminium  
Coverplate made stainless steel 316L  
Degree of protection IP68, water depth up to 2m  
Safety clear glass  
Provided with 10m cable  
Energy class EC: A+

## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)  
IP68 connectors: Connex 2 / Connex 3



## ON REQUEST

Sandblasted glass  
Other beam angle  
Other cable length (customized)



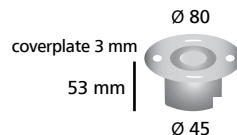
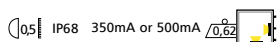
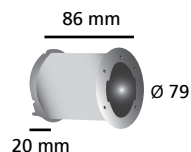
FLOOR LIGHT 

# Nautic S



code: 360PL.x.xxx.16G

glass  
led



## GLASS



1 CLEAR



2 SANDBLASTED

## LED

D11 5000K - 10°

N11 4000K - 10°

W11 3000K - 10°

D31 5000K - 30°

N31 4000K - 30°

W31 3000K - 30°

1.2W to 2W (350mA or 500mA)

1.6W to 5W (200mA or 500mA)

## 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

## DESCRIPTION

Box & luminaire made completely in stainless steel 316L electropolish  
Degree of protection IP68, water depth up to 2m  
Safety clear or sandblasted glass  
Provided with 10m cable & 3m plastic spiral  
Energy class EC: A+

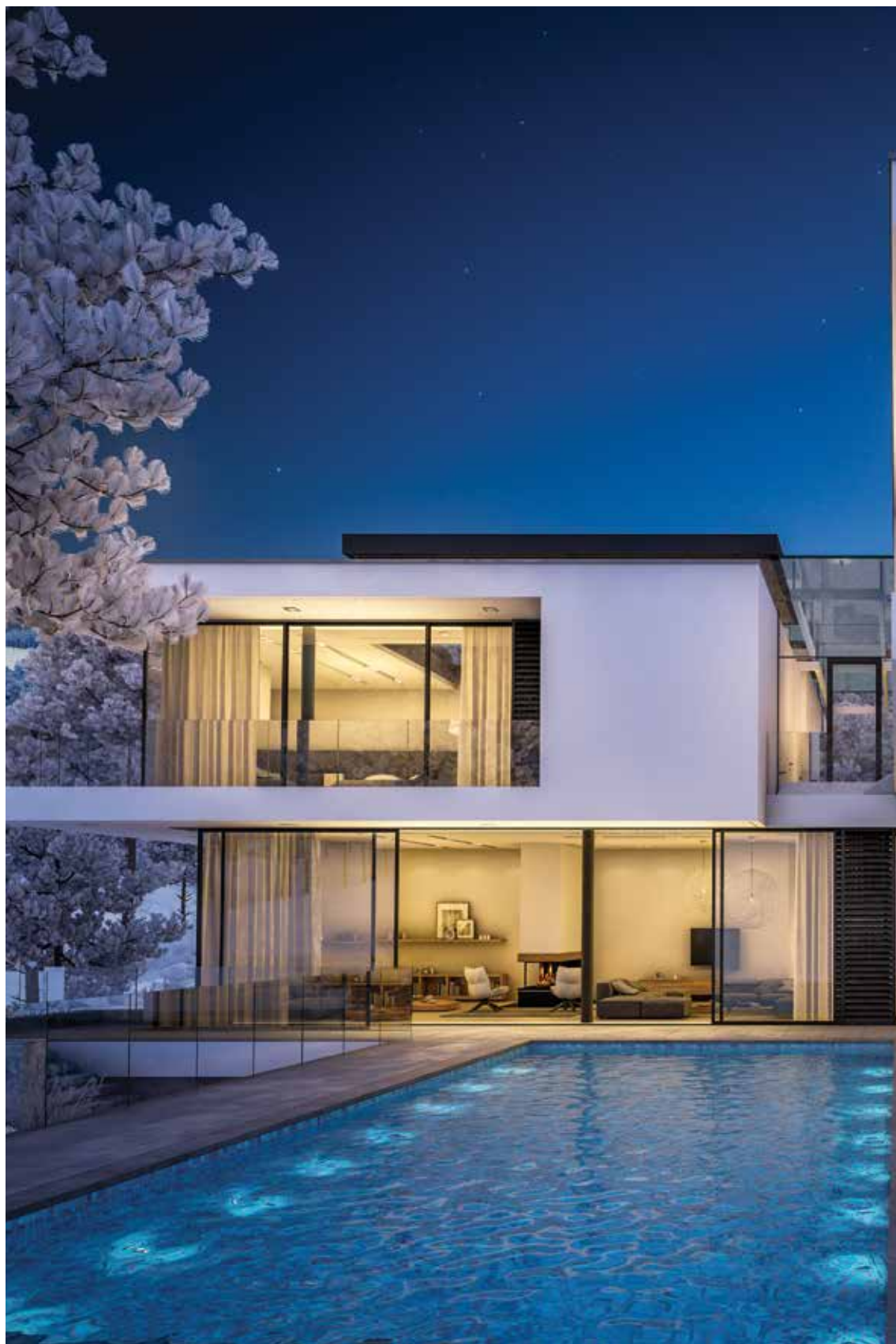
## ACCESSORIES

Led driver: 350mA (for example X020.EG or X032B.EG)  
IP68 connectors: Connex 2 / Connex 3  
Cable: SUP.001



## ON REQUEST

Other beam angle  
Other cable length (customized)



FLOOR LIGHT 

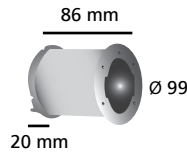


# Nautic M



code: 361PL.x.xxx.16G

glass  
led



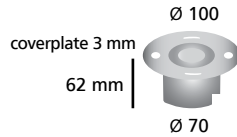
## GLASS



1 CLEAR



2 SANDBLASTED



## LED

**D03** 5000K - 40°  
**N03** 4000K - 40°  
**W03** 3000K - 40°

3.2W to 13W (200mA to 700mA)



## DESCRIPTION

Box & luminaire made completely in stainless steel 316L electropolish  
 Degree of protection IP68, water depth up to 2m  
 Safety clear or sandblasted glass  
 Provided with 10m cable & 3m plastic spiral  
 Energy class EC: A+

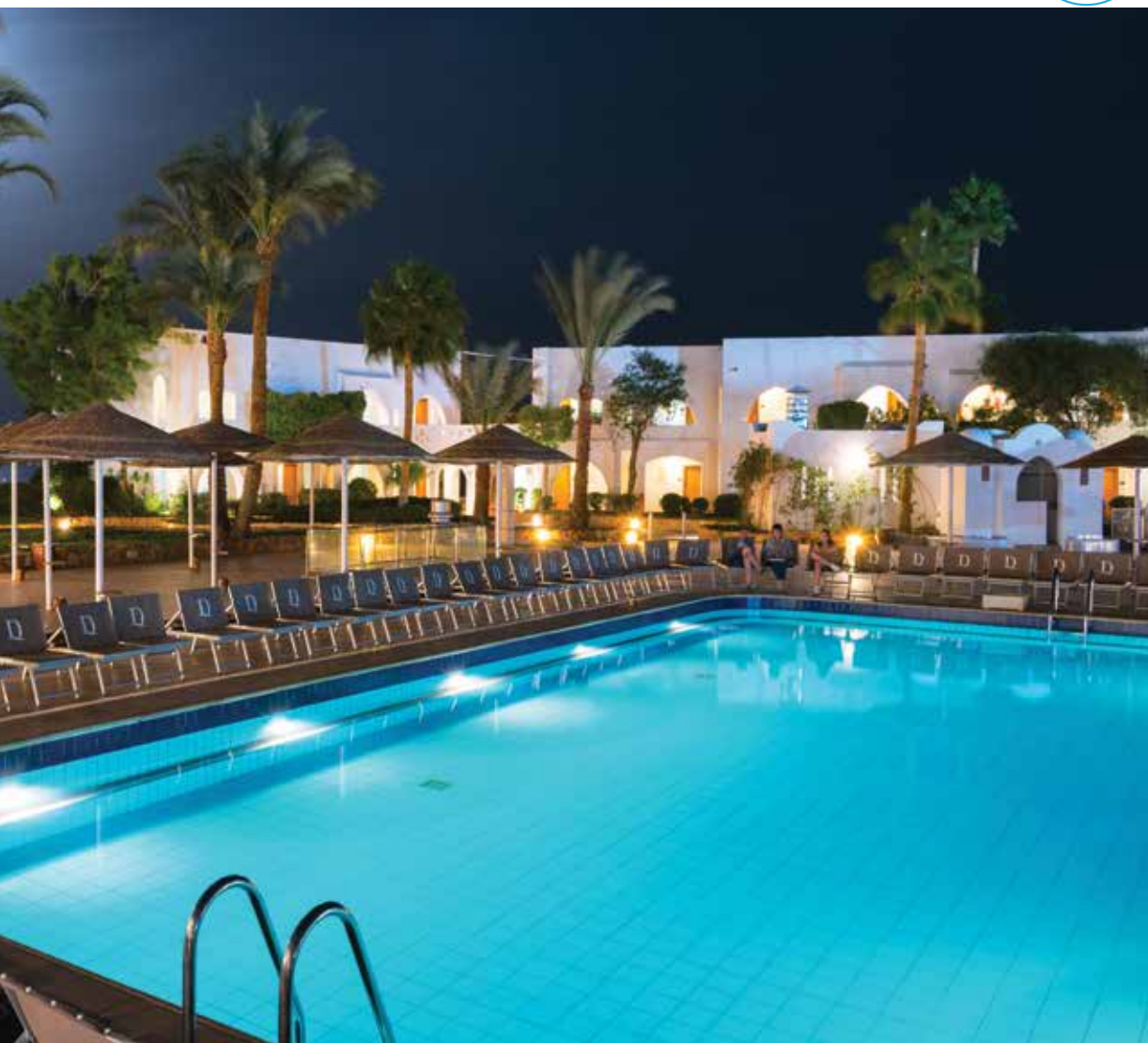
## ACCESSORIES

Led driver AC/CC: from 200mA to 700mA  
 Led driver DC/CC: 24VDC / xxxmA  
 IP68 connectors: Connex 2 / Connex 3  
 Antiglare honeycomb: X060.043.3.EG



## ON REQUEST

Other beam angle  
 Other cable length (customized)



FLOOR LIGHT 

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









Zaxor spot 10° p. 118



Diamond p. 120



Cavos p. 122

*find your lighting project*

# FLOOD LIGHT



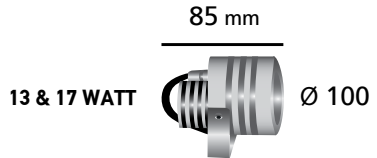
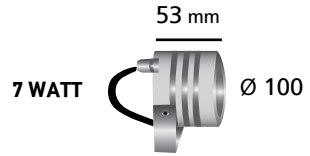




# Zaxor spot 10°

code: 352. xxx.x.xx

led  
watt  
color



## LED

**W27** 2700K - 10°

**W30** 3000K - 10°

## WATT

**1** 7W/200mA  $\frac{0.55}{0.75}$

**2** 13W/350mA  $\frac{0.75}{0.75}$

**3** 17W/450mA  $\frac{0.75}{0.75}$

## COLOR

**02A** Anodized black

**32** Anodized aluminium

**33** Anodized bronze

## DESCRIPTION

Body made in solid anodized aluminium  
Degree of protection IP65  
Safety clear glass  
Led module incorporated  
Provided with 1m cable  
Energy class EC: A+

Typical luminous flux (lm)			
	200mA 7W	350mA 13W	450mA 17W
2700 K	750	1350	1650
3000 K	800	1400	1750
4000 K	850	1450	1800

## ON REQUEST

Other cable length (customized)  
Other Led colors: 4000K

## ACCESSORIES

TI. \_ \_ \_ .M10A. \_ \_

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



STEM A

BASE.100A. \_ \_

Ø 100mm & M10  
Thickness 5mm



BASE 100-A

TI. \_ \_ \_ .SPK. \_ \_

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



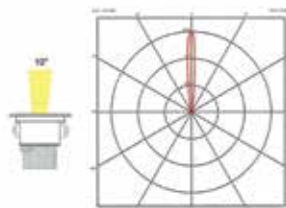
STEM B

SUP.002.EG

Extra cable 1 meter  
Type: H05RN-F 2 X 1,00mm



CABLE 02



FLOOR LIGHT

## ACCESSORIES

**AC.7003.AG.\_ \_**  
Ø 110mm L 130mm



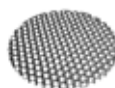
**ANTI-GLARE 04**

**AC.352.AG.\_ \_**  
Ø 110mm L 130mm



**ANTI-GLARE 07**

**X060.\_ \_ \_3.EG**  
aluminium 3,2mm thickness



**LOUVER**

**DRIVERS**  
200mA / 350mA / 450mA





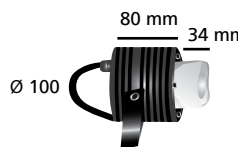
# Diamond



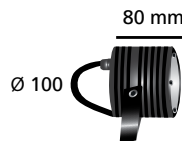
code: 353. x.x.xx

led  
angle  
color

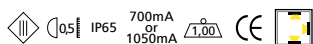
24° ANGLE



40° ANGLE



max.  
efficacy  
175lm/W



## LED

**D** 5000K  
**N** 4000K  
**W** 3000K

## ANGLE

**1** 24°  
**2** 40°

## COLOR

**02A** Anodized black  
**32** Anodized aluminium  
**33** Anodized bronze

## DESCRIPTION

Body made in solid anodized aluminium  
Degree of protection IP65  
Silicone lens anti-UV symmetrical or spot  
Led module incorporated  
Provided with 1m cable  
Energy class EC: A+

## Typical luminous flux (lm)

	700mA 23W	1050mA 35W
2700 K	3410	4872
3000 K	3624	5177
4000 K	3900	5572
5000 K	3842	5390

## ON REQUEST

Other cable length (customized)

## ACCESSORIES

TI. \_ \_ \_ .M10A. \_ \_

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



STEM A

BASE.100A. \_ \_

Ø 100mm & M10  
Thickness 5mm



BASE 100-A

TI. \_ \_ \_ .SPK. \_ \_

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



STEM B

SUP.002.EG

Extra cable 1 meter  
Type: H05RN-F 2 X 1,00mm



CABLE 02



FLOOR LIGHT 

### ACCESSORIES

**AC.7003.AG.\_ \_**  
Ø 110mm L 130mm



**ANTI-GLARE 04**

**AC.352.AG.\_ \_**  
Ø 110mm L 130mm



**ANTI-GLARE 07**

**DRIVERS**  
700mA or 1050mA

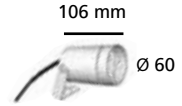




# Cavos

code: 358. x.x.xx

led  
angle  
color



## LED

**D** 6.5W - 5000K  
**N** 6.5W - 4000K  
**W** 6.5W - 3000K]

## ANGLE

**1** 20°  
**2** 50°  
**3** 45°-15°  
 (elliptical)

## COLOR

**02A** Anodized black  
**04** Stainless steel  
**07** Natural brass  
**21** Copper  
**32** Anodized aluminium

## DESCRIPTION

Body made in solid anodized aluminium,  
 Stainless steel, brass, copper  
 Degree of protection IP65  
 Safety clear plexiglass  
 Led module incorporated  
 Provided with 1m cable  
 Energy class EC: A++

## ON REQUEST

Other cable length (customized)  
 Other RAL colors

## Typical luminus flux (lm)

350mA 6,5W	
2700 K	807
3000 K	845
4000 K	877
5000 K	959

## ACCESSORIES

TI. \_ \_ \_ M10A. \_ \_

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



STEM A

BASE.60A. \_ \_

Ø 60mm & M10  
 Thikness 5mm



BASE 60-A

BASE.60B. \_ \_

Ø 60mm Height 40mm  
 with M10



BASE 60-B

TI. \_ \_ \_ SPK. \_ \_

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



STEM B



FLOOR LIGHT

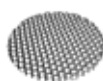
**ACCESSORIES**

**AC.7001.AG.\_ \_**  
Ø 65mm L 85mm



**ANTI-GLARE 02**

**X060.\_ \_\_.3EG**  
Ø 50mm Honeycomb



**LOUVER**

**SUP.003.EG**  
Extra cable 1 meter  
Type: H05RN-F 3 X 1,00mm



**CABLE 03**

**SUP.004.EG**  
Cable 3 meter & plug IP44  
Type: H05RN-F 3 X 1,00mm



**CABLE 04**






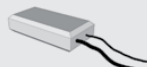


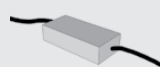



ACCESSORIES



## LED POWER SUPPLY AC/CC 350mA CONSTANT CURRENT

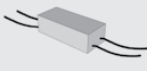

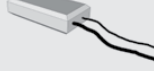
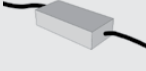
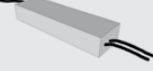
				
Product code :	<b>X021.EG</b>	<b>X020.EG</b>	<b>X022B.EG</b>	<b>X037.DIM.EG</b>
Power :	0,2 - 1,4W	2 - 3,5W	4-12W	3-10W
Dimensions :	37 x 26 x 21 mm	37 x 26 x 21 mm	50 x 48 x 24 mm	67 x 41 x 34 mm
Input :	100-240V 50-60Hz	220-240V 50-60Hz	100-240V 50-60Hz	220-240V 50-60Hz
Output :	0.5-4V DC	5-10V DC	11-34V DC	9-31V DC
Dimmable :	no	no	no	yes (100% -> 5%)*
Classification :	CE - IP65 Classe II	CE - IP65 Classe II	CE - IP65 Classe II	CE - IP67 Classe II

					
Product code :	<b>X032B.EG</b>	<b>X040.EG</b>	<b>X043.EG</b>	<b>X073.EG</b>	<b>X074.EG</b>
Power :	1-17W	16-25W	14-26W	25-37W	35-70W
Dimensions :	107 x 54 x 26mm	131 x 38 x 29mm	78 x 65 x 27 mm	128 x 60 x 32mm	171 x 62 x 37 mm
Input :	110-240V 50-60Hz	220-240V 50-60Hz	100-240V 50-60Hz	220-240V 50-60Hz	100-240V 50-60Hz
Output :	5-49V DC	45-72V DC	11-34V DC	70-108V DC	100-200V DC
Dimmable :	no	yes (100% -> 5%)*	yes(100% ->10%)**	yes (100% -> 5%)*	yes(100% ->10%)**
Classification :	CE - IP68 Classe II	CE - IP20 Classe II	CE - IP66 Classe II	CE - IP42 Classe II	CE - IP67 Classe II



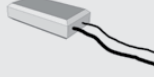
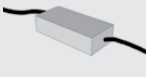
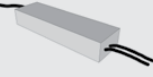
\* Dimmable with leading-edge and trailing edge TRIAC dimmers

\*\* Dimmable with 0-10VDC or 1 - 10VDC

## LED POWER SUPPLY AC/CC 500mA CONSTANT CURRENT

					
Product code :	<b>X030B.EG</b>	<b>X026.EG</b>	<b>X033B.EG</b>	<b>X076.EG</b>	<b>X077.EG</b>
Power :	3.5-10.5W	16-25W	1-24W	35-54W	38-75W
Dimensions :	70 x 35 x 22 mm	131 x 38 x 29mm	128 x 60 x 32 mm	128 x 60 x 32 mm	180 x 63 x 36 mm
Input :	100-240V 50-60Hz	220-240V 50-60Hz	110-240V 50-60Hz	220-240V 50-60Hz	100-240V 50-60Hz
Output :	7-21V DC	32-50V DC	2-49V DC	70-108V DC	100-200V DC
Dimmable :	no	yes (100% -> 5%)*	no	yes (100% -> 5%)*	yes(100% ->10%)**
Classification :	CE - IP65 Classe II	CE - IP20 Classe II	CE - IP68 Classe II	CE - IP42 Classe II	CE - IP67 Classe II



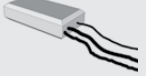

## LED POWER SUPPLY AC/CC 700mA CONSTANT CURRENT




					
Product code :	<b>X028.EG</b>	<b>X044.EG</b>	<b>X034B.EG</b>	<b>X086.EG</b>	<b>X087.EG</b>
Power :	16-25W	14-26W	1-30W	35-60W	30-90W
Dimensions :	131 x 38 x 29 mm	78 x 65 x 27 mm	128 x 60 x 32 mm	128 x 60 x 32 mm	236 x 68 x 39 mm
Input :	220-240V 50-60Hz	100-240V 50-60Hz	110-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz
Output :	23-37V DC	19-37V DC	2-43V DC	50-86V DC	15-142V DC
Dimmable :	yes (100% ->5%)*	yes (100% -> 10%)*	no	yes (100% -> 5%)*	yes(100% ->10%)**
Classification :	CE - IP20 Classe II	CE - IP66 Classe II	CE - IP68 Classe II	CE - IP42 Classe II	CE - IP67 Classe II

\* Dimmable with leading-edge and trailing edge TRIAC dimmers







\*\* Dimmable with 0-10VDC or 1 - 10VDC

## LED POWER SUPPLY AC/CC WITH DALI INTERFACE & PUSH DIMMING



						
Product code :	<b>X035.EG</b>	<b>X036.EG</b>	<b>X042.EG</b>	<b>X070.0350.EG</b>	<b>X0100.0350.EG</b>	<b>X0200.0700.EG</b>
Power :	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	1-17W	50-100W	100-200W
Dimensions :	105 x 68 x 23mm	124 x 82 x 23mm	124 x 82 x 23mm	107 x 54 x 26mm	199 x 65 x 35mm	244 x 71 x 37mm
Input AC :	180-277V 50-60Hz	180-295V 50-60Hz	180-295V 50-60Hz	110-240V 50-60Hz	100-305V 50-60Hz	100-305V 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)	350mA (2-49V DC)	350mA (145-286V DC)	700mA (142-286V DC)
Dimmable :	DALI & push dimming	DALI & push dimming	DALI & push dimming	DALI & push dimming	DALI & push dimming	DALI & push dimming
Classification :	CE - IP20 Classe II	CE - IP20 Classe II	CE - IP20 Classe II	CE - IP68 Classe II	CE - IP67 Classe II	CE - IP67 Classe II

					
Product code :	<b>X071.DIP.EG</b>	<b>DIM.AC.01.EG</b>	<b>DIM.AC.02.EG</b>		
Power :	selection with DIP switch 150mA to 700mA 1,35-26,3W	synchronization cable for driver X035.EG	synchronization cable for driver X036.EG & X042.EG		
Dimensions :	97 x 43 x 30mm	Lenght: 30cm	Lenght: 30cm		
Input AC :	180-295V 50-60Hz				
Output CC :	150-20-250-300-350-400-450-500mA (9-52V DC) 550mA (9-47,5V DC) 600mA (9-47,5V DC) 650mA (9-40V DC) 700mA (9-37,5V DC)				
Dimmable :	DALI & push dimming				
Classification :	CE - IP20 Classe II				

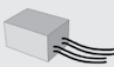
**CASAMBI LED DRIVERS**  **Bluetooth®**

						
Product code :	<b>X035.BLE.EG</b>	<b>X036.BLE.EG</b>	<b>X042.BLE.EG</b>			
Power :	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			
Dimensions :	105 x 68 x 23mm	124 x 82 x 23mm	124 x 82 x 23mm			
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)			
Dimmable :	DALI 0-10V DC PWM signal 	DALI 0-10V DC PWM signal 	DALI 0-10V DC PWM signal 			
Classification :	CE - IP20 Classe II	CE - IP20 Classe II	CE - IP20 Classe II			

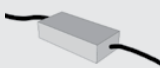

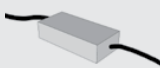
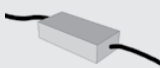
**SURGE PROTECTION DEVICE**

						
Product code :	<b>X010KA.EG</b>	<b>X020KA.EG</b>				
Operating voltage :	120-277VAC 50-60Hz	120-277VAC 50-60Hz				
Dimensions :	57 x 47 x 26mm	72 x 68 x 32mm				
Max surge current :	10KA	20KA				
Classification :	CE - IP66 Classe II	CE - IP66 Classe II				

## OTHER LED POWER SUPPLY AC/CC CONSTANT CURRENT

					
Product code :	<b>X011.EG</b>	<b>X045.EG</b>	<b>X047.EG</b>		
Power :	200mA 4-8W	450mA 13-25W	450mA 21-42W		
Dimensions :	80 x 37 x 21mm	78 x 65 x 27mm	95 x 70 x 32mm		
Input AC :	220-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz		
Output CC :	20-40V DC	28-56V DC	47-94V DC		
Dimmable :	yes (100% -> 5%)*	yes (100% -> 10%)**	yes (100% -> 10%)**		
Classification :	CE - IP20 Classe II	CE - IP66 Classe II	CE - IP66 Classe II		



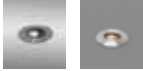



## LED POWER SUPPLY AC/DC 24V CONSTANT VOLTAGE











					
Product code :	<b>DRI.24036.EG</b>	<b>DRI.24060.EG</b>	<b>DRI.240100.EG</b>	<b>DRI.240150.EG</b>	
Power :	24V DC 36W	24V DC 60W	24V DC 100W	24V DC 150W	
Dimensions :	148 x 40 x 30mm	163 x 43 x 32mm	190 x 52 x 37mm	191 x 63 x 38mm	
Input AC :	90-264V 50-60Hz	90-264V 50-60Hz	90-264V 50-60Hz	180-305V 50-60Hz	
Output CC :	24V DC / 0-1,5A	24V DC / 0-2,5A	24V DC / 0-4,2A	24V DC / 0-6,3A	
Dimmable :	no	no	no	no	
Classification :	CE - IP67 Classe II	CE - IP67 Classe II	CE - IP67 Classe II	CE - IP67 Classe II	

\* Dimmable with leading-edge and trailing edge TRIAC dimmers

\*\* Dimmable with 0-10VDC or 1 - 10VDC






## RECESSED BOX

					
Name :	POP 1A	POP 1B	POP 2	POP 9A	POP 9B
Product code :	<b>X016A.EG</b>	<b>X016B.EG</b>	<b>X017.EG</b>	<b>X068A.EG</b>	<b>X068B.EG</b>
Dimensions :	∅ 55mm L 65mm	∅ 55mm L 150mm	∅ 100mm L 65mm	∅ 37mm L 47mm	∅ 37mm L 150mm
Information :	Plastic PVC tube	Plastic PVC tube	Plastic PVC tube	Plastic PVC tube	Plastic PVC tube
Combined with:	 iLva Cayou	 XenoY Venus Dark	 Faos In	 BiBi Beam 1 Dark In	 Zona Dark





					
Name :	POP 10	STANDARD BOX 2	BOX BEAM 2	TIKI BOX	KRYPTO BOX 3
Product code :	<b>X018.EG</b>	<b>SB02.EG</b>	<b>X098</b>	<b>X099.EG</b>	<b>X065.EG</b>
Dimensions :	150x75x65mm	∅ 70mm L 65mm	50x30x65mm	∅ 20mm L 40mm	94x85x46mm
Information :	Galvanized steel	Plastic	Profile Aluminium	Plastic PVC tube	Galvanized steel
Combined with:	 Flam	 Yorka	 Beam 2	 Tiki Tiki Y	 Chiki



## JUNCTION BOX & CONNECTOR IP68

					
Name :	CONNEX 2	CONNEX 3	CONNEX 7	CONNEX 8	KIT BOX IP68
Product code :	<b>X082.EG</b>	<b>X082.Y.EG</b>	<b>X084.EG</b>	<b>X085.EG</b>	<b>X121.EG</b>
Dimensions :	∅ 23mm L 68mm	110 x 60 x 30mm	36 x 37 x 26mm	52 x 53 x 29mm	100 x 100 x 50mm
Information :	Connection with 3 poles Rated Voltage: 250V Rated Current: 10A  for cables ∅ 5,8-13mm CE - IP68	3 lines Connection Rated Voltage: 250V Rated Current: 10A  for cables ∅ 6-11mm CE - IP68	Connection with 3 poles Rated Voltage: 250V Rated Current: 10A  3 wires max ∅ 2,5mm CE - IPX8	Connection with 3 poles Rated Voltage: 250V Rated Current: 10A  3 wires max ∅ 6mm CE - IPX8	Junction box with 8 entries & 3 cables glands M 25 x 1,5/caps with single bicomponent bottle with 1 small basin & 1 mixing spoon  CE - IP68 CLASS II

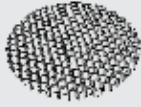




## CABLES

					
Name :	CABLE 01	CABLE 02	CABLE 03	CABLE 04	
Product code :	<b>SUP.001.EG</b>	<b>SUP.002.EG</b>	<b>SUP.003.EG</b>	<b>SUP.004.EG</b>	
Dimensions :	Extra cable 1 meter Rubber PCP (polychloropene) Type: H05RN-F <b>2 X 0,50mm</b> maximum 48V Diameter: 5,9mm	Extra cable 1 meter Rubber PCP (polychloropene) Type: H05RN-F <b>2 X 1,00mm</b> maximum 48V Diameter: 6,5mm	Extra cable 1 meter Rubber PCP (polychloropene) Type: H05RN-F <b>3 X 1,00mm</b> maximum 300V Diameter: 7,2mm	cable 3 meters & plug IP44 Rubber PCP (polychloropene) Type: H05RN-F <b>3 X 1,00mm</b> maximum 220V-240V Diameter: 7,2mm	






## LED LAMP E27

				
Name :	LED E27 10W	LED E27 16W	LED E27 13W	LED E27 15W
Product code :	<b>LED.E201.10830.EG</b>	<b>LED.E203.10830.EG</b>	<b>LED.E204.10830.EG</b>	<b>LED.E202.10830.EG</b>
Dimensions :	Ø 37mm L 116mm	Ø 45mm L 136mm	Ø 38mm L 150mm	Ø 42mm L 172mm
Information :	LED Lamp E27 3000K-CRI > 80 <b>10W</b> -810 lumens 100-240V 50/60Hz Energy class EC: A+	LED Lamp E27 3000K-CRI > 80 <b>16W</b> -1521 lumens 100-240V 50/60Hz Energy class EC: A+	LED Lamp E27 3000K-CRI > 80 <b>13W</b> -1500 lumens 100-240V 50/60Hz Energy class EC: A+	LED Lamp E27 3000K-CRI > 80 <b>15W</b> -1450 lumens 100-240V 50/60Hz Energy class EC: A+






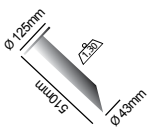
## ANTI-GLARE

					
Name :	LOUVER	ANTI-GLARE 02	ANTI-GLARE 04	ANTI-GLARE 07	ANTI-GLARE 08
Product code :	<b>X060.____.3.EG</b>	<b>AC.7001.AG.____</b>	<b>AC.7003.AG.____</b>	<b>AC.352.AG.____</b>	<b>AC.320.AG.____</b>
Dimensions :	aluminium 3,2mm thickness	Ø 65mm L 85mm	Ø 110mm L 130mm	Ø 110mm L 130mm	Ø 35mm L 35mm
Information :	Anti-glare honeycomb	Use with Cavos	Use with Zaxor spot 10°, Diamond	Use with Zaxor spot 10°, Diamond	Use with Arya (IP65)
Material :		Anodized clear & black aluminium	Anodized clear & black aluminium	Anodized clear & black aluminium	Anodized clear & black aluminium

## FIXING SYSTEMS

					
Name :	EASY INSTALL	BASE 60-A	BASE 60-B	BASE 100-A	EASY INSTALL B
Product code :	<b>CX01._._</b>	<b>BASE.060A._._</b>	<b>BASE.060B._._</b>	<b>BASE.100A._._</b>	<b>CX02._._</b>
Dimensions :	Ø 100mm Thickness 4mm	Ø 60mm Thickness 5mm with M10	Ø 60mm Height 40mm with M10	Ø 100mm Thickness 5mm with M10	Ø 100mm Thickness 4mm
Information :	Base plate Body made of stainless steel or copper	Base plate Body made of stainless steel, anod. alum., brass or copper	Body made of stainless steel, anod. alum., brass or copper CE IP65	Base plate Body made of stainless steel or anod. aluminium	Base plate Body made of stainless steel or anodized alum.
Combined with:	Serko FL, Segoso FL	Stem A	Stem A, Cavos	Stem A	Maxi Swapi FL

## OTHER

					
Name :	STEM A	STEM B	PIC 1	ANCHOR 1	POLI INOX
Product code :	<b>TI._._.M10A._._</b>	<b>TI._._.SPK._._</b>	<b>802.00.02</b>	<b>AC.FX12.SW</b>	<b>IN880</b>
Dimensions :	Ø 10mm Height: 100 / 200 / 500 / 1000mm	Ø 10mm Height: 100 / 200 / 500 / 1000mm		Ø 125mm Height 140mm with 6 bolts	
Information :	Made of stainless steel or anod. aluminium	Made of stainless steel or anod. aluminium Spike for ground fixing	Body made of galvanized steel	Base plate & Body made of stainless steel	Universal cleaner cream for stainless steel 500ml
Combined with:	Base 60-A, Base 60-B, Base 100-A	Zaxor spot 10° Diamond Cavos	Easy install, Maxi Swapi FL	Easy Install B & Maxi Swapi FL	







INFORMATION



## ΓΕΝΙΚΕΣ ΟΔΗΓΙΕΣ ΤΕΧΝΙΚΕΣ – ΤΗΡΗΣΗ ΕΓΓΥΗΣΗΣ

Πριν από την εγκατάσταση, όλα τα ανταλλακτικά πρέπει να ελεγχθούν για ζημιές κατά τη μεταφορά!

- Όλες οι εργασίες τοποθέτησης, εγκατάστασης και ηλεκτρικής ενέργειας πρέπει να εκτελούνται από εξειδικευμένο προσωπικό.
- Χρησιμοποιείτε μόνο ανοξείδωτα εργαλεία για να αποφύγετε την εξωτερική σκουριά!
- Το μήκος του καλωδίου των φωτιστικών σωμάτων πρέπει να επιλέγεται με τέτοιο τρόπο ώστε να μην είναι απαραίτητο να επεκτείνετε σε νερό ή σε υγρά περιβάλλοντα. Αργότερα καταγγελίες που προκύπτουν από αυτό δεν μπορούν να γίνουν δεκτές.
- Μπορούν να χρησιμοποιηθούν μόνο γνήσια ανταλλακτικά BEL LIGHTING - TEFEL.
- Η απόσταση εγκατάστασης 10 cm μεταξύ των λειτουργικών συσκευών είναι συνιστάται επειγόντως, προκειμένου να αποφευχθεί η αμοιβαία θέρμανση.
- Οι συσκευές λειτουργίας (μετασχηματιστές, τροφοδοτικά κλπ) πρέπει να συνδέονται χωρίς τροφοδοσία ρεύματος, σε διαφορετική περίπτωση, ενδέχεται να προκληθεί ζημιά στο LED. Δεν μπορεί να εφαρμοστεί πρωτογενής τάση κατά την αλλαγή του LED.
- Σημειώστε την πολικότητα όταν αλληάζετε τα φώτα! Η λάθος πολικότητα μπορεί να προκαλέσει ζημιά στη μονάδα LED.
- Προσέξτε αν το φωτιστικό που συνδέεται χρειάζεται σύνδεση εν σειρά ή παράλληλη. Η λάθος συνδεσμολογία μπορεί να προκαλέσει ζημιά στη μονάδα LED.
- Όλες οι συνδέσεις των φωτιστικών μονάδων με το ρεύμα πρέπει να πραγματοποιούνται με πιστοποιημένα στεγανά υλικά (βλέπε σελίδα 108) ώστε να αποφεύγεται η εισροή υγρασίας από το καλώδιο. Σε αντίθετη περίπτωση είναι πιθανό να προκληθεί ζημιά στο φωτιστικό.
- Σε περίπτωση όπου το ρεύμα είναι ασταθές, χρησιμοποιήστε σταθεροποιητή τάσης, ακόμα και UPS, ώστε να αποφευχθεί η απότομη αύξηση της τάσης του ρεύματος η οποία θα προκαλέσει ζημιά στο φωτιστικό ή σε μέρος αυτού.
- Τηρήστε κατά γράμμα το φυλλάδιο οδηγιών εγκατάστασης που υπάρχει σε κάθε συσκευασία φωτιστικού.
- Φροντίστε να συντηρείτε ανά τακτά χρονικά διαστήματα τα φωτιστικά σας, τα οποία υπόκεινται σε ακραίες καιρικές συνθήκες.
- Σε κάθε περίπτωση ζητήστε την συμβουλή ενός εξειδικευμένου συνεργάτη ή απευθυνθείτε απευθείας σε εμάς. Θα είναι χαρά μας να γίνουμε: «ο καλύτερος συνεργάτης στη δημιουργία φωτισμού»

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## GENERAL INSTRUCTIONS TECHNIQUES - WARRANTY

Prior to installation, all spare parts must be inspected for damage during transport!

- All installation, installation and electrical work must be performed by qualified personnel.
- Use only stainless steel tools to avoid external rust!
- The length of the luminaire cable should be chosen in such a way that it is not necessary to extend it in water or wet environments. Complaints arising from this can not be accepted.
- Only genuine BEL LIGHTING - TEFEL spare parts can be used.

The installation distance of 10 cm between the operating devices is recommended as a matter of urgency in order to avoid reciprocal heating.

- Operating devices (transformers, power supplies, etc.) must be connected without power supply, otherwise the LED may be damaged. No primary voltage can be applied when changing the LED.
- Note the polarity when changing the lights! Incorrect polarity can damage the LED module.
- Be careful if the connected luminaire needs to be connected in series or in parallel. Incorrect wiring can damage the LED module.
- All lighting connections to the mains must be made with certified waterproofing materials (see page 108) to prevent moisture ingress from the cable. Failure to do so may result in damage to the luminaire.
- If the current is unstable, use a voltage regulator, even a UPS, to avoid a sudden increase in voltage that will damage the luminaire or part of it.
- Follow the installation instructions leaflet in each luminaire package to the letter.
- Be sure to maintain your luminaires at regular intervals, which are subject to extreme weather conditions.
- In any case, seek the advice of a qualified partner or contact us directly. We will be happy to become: "your best partner in creating lighting"



**5 YEARS  
WARRANTY**

We offer you 2+3 years Warranty.  
Extended warranty at: [www.bel-lighting.com/en/extended-warranty](http://www.bel-lighting.com/en/extended-warranty)

## IK DEGREE OF PROTECTION

Protection against impact of mechanical origin.

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



### CE standard - CE νόημα

The mark CE represents an implicit assurance of quality and affixed under the sole responsibility of the manufacturer. The mark CE must be affixed on the product, or in alternative, on the packing or on directions.

Η σήμανση CE αποτελεί μια έμμεση διασφάλιση της ποιότητας και τίθεται υπό την αποκλειστική ευθύνη του κατασκευαστή.



### CLASS I - ΚΛΑΣΗ 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.

Ένα φωτιστικό, του οποίου η ασφάλεια είναι εγγυημένη από ένα πρόσθετο προστατευτικό αγωγό (γείωση), που συνδέεται με το μεταλλικό πλαίσιο του λαμπτήρα.



### CLASS II - ΚΛΑΣΗ 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.

Ένα φωτιστικό, του οποίου η ασφάλεια είναι εγγυημένη από ένα πρόσθετο προστατευτικό αγωγό (γείωση), που συνδέεται με το μεταλλικό πλαίσιο του λαμπτήρα.



### CLASS III - ΚΛΑΣΗ III

Light fittings whose safety is guaranteed by the very low safety supply voltage. Authorized maximal voltage: 50 volts (AC)

Ένα φωτιστικό, του οποίου η ασφάλεια είναι εγγυημένη από ένα πρόσθετο προστατευτικό αγωγό (γείωση), που συνδέεται με το μεταλλικό πλαίσιο του λαμπτήρα.



Distance to another object

Απόσταση αντικειμένου

Net Weight g

Βάρος γραμμάρια



### MAXIMUM 12VAC, 18V-DC or 30V-DC with constant current

Underwater lighting fixtures can be powered only at very low safety voltage.

Τα υποβρύχια φωτιστικά μπορούν να τροφοδοτούνται μόνο με πολύ χαμηλή τάση ασφαλείας.

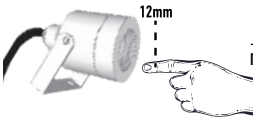
## SOLIDS

1



Protected against a solid object greater than 50mm, such as a hand.  
Προστατεύεται από ένα σωματίδιο αντικείμενο μεγαλύτερο από 50mm, όπως ένα χέρι.

2



Protected against a solid object greater than 12.5mm, such as a finger.  
Προστατεύεται από ένα σωματίδιο αντικείμενο μεγαλύτερο από 12,5 mm, όπως ένα δάχτυλο.

3



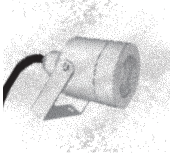
Protected against a solid object greater than 2.5mm, such as a screw-driver.  
Προστατεύεται από ένα σωματίδιο αντικείμενο μεγαλύτερο από 2,5 mm, όπως ένα κατσαβίδι.

4



Protected against a solid object greater than such as a wire.  
Προστατεύεται από ένα σωματίδιο αντικείμενο μεγαλύτερο από ένα σύρμα.

5



Dust protected, limited ingress of dust permitted. Will not interfere with operation of the equipment.  
Προστατευμένο από ακόνι, με περιορισμένη εισροή, η οποία δεν επηρεάζει τη λειτουργία του εξοπλισμού.

6



Dust tight. No ingress of dust.  
Χωρίς είσοδο ακόνις.

Rating Example:

**IP 65**

INGRESS PROTECTION

## WATER

1



Protected against vertically falling drops of water. Limited ingress permitted.  
Προστατεύεται ενάντια στη πτώση σταγόνων από νερό. Περιορισμένη είσοδος επιτρέπεται.

2



Protected against vertically falling drops of water with enclosure tilted up to 15 degrees from the vertical, limited ingress permitted.  
Προστατεύεται ενάντια στη πτώση σταγόνων νερού με περίβλημα κλίση έως και 15 μοίρες από την κατακόρυφο, επιτρέποντας περιορισμένη είσοδο.

3



Protected against sprays of water up to 60 degrees from the vertical, limited ingress permitted for three minutes.  
Προστατεύεται από ψέκασμα νερού έως 60 μοίρες κατακόρυφο, επιτρέποντας περιορισμένη είσοδο.

4



Protected against water splashed from all directions, limited ingress permitted.  
Προστατεύεται από πιτσιλιές νερού από όλες τις κατευθύνσεις, επιτρέποντας περιορισμένη είσοδο.

5



Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.  
Νερό από κύματα ή νερό που προβάλλεται σε ισχυρούς πίδακες δεν θα εισέρχεται από το περίβλημα σε επιβλαβείς ποσότητες.

6



Protected against jets of water, limited ingress permitted.  
Προστατεύεται από πίδακες νερού, επιτρέποντας περιορισμένη είσοδο.

7



Protection against the effects of immersion in water between 15cm and 1m for 30 minutes.  
Προστασία από τις επιπτώσεις της βύθισης στο νερό μεταξύ 15cm και 1m για 30 λεπτά.

8



Protection against the effects of immersion in water under pressure for long periods.  
Προστασία από τις επιπτώσεις της βύθισης στο νερό υπό πίεση για μεγάλες περιόδους.

## CONNECTING CURRENT CONTROLLED LED SPOTLIGHTS: DO'S AND DON'TS

Some LED fixtures are current controlled (eg. 350mA, 500mA, 700mA and 1050mA). These require a continuous current. To turn the 230V mains voltage into current, you need a separate power supply, a current controlled power supply.

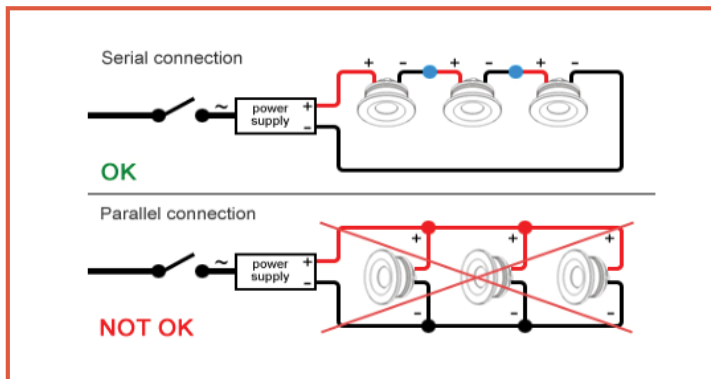
Ορισμένα φωτιστικά LED ελέγχονται με ρεύμα (π.χ. 350mA, 500mA, 700mA και 1050mA). Αυτά απαιτούν συνεχές ρεύμα. Για να μετατρέψετε την τάση δικτύου 230V σε ρεύμα, χρειάζεστε ένα ξεχωριστό τροφοδοτικό, ένα τρέχον ελεγχόμενο τροφοδοτικό.

### Must be in series circuit - Πρέπει να είναι συνδεδεμένα εν σειρά

Current controlled LEDs can never be connected under voltage! Furthermore, they should always be connected in a series circuit. In series circuits there's only one current path.

The current enters through the + and leaves the spotlight through the - to continue its way to the next spotlight. The current travels in one direction through all spotlights until they are all under current.

Ορισμένα φωτιστικά LED δεν συνδέονται απευθείας στο ρεύμα (230V). Αυτά απαιτούν σταθερό ρεύμα (constant current). Για να μετατρέψετε την τάση του δικτύου 230V σε σταθερό ρεύμα (constant current), απαιτείται ένα ξεχωριστό τροφοδοτικό.

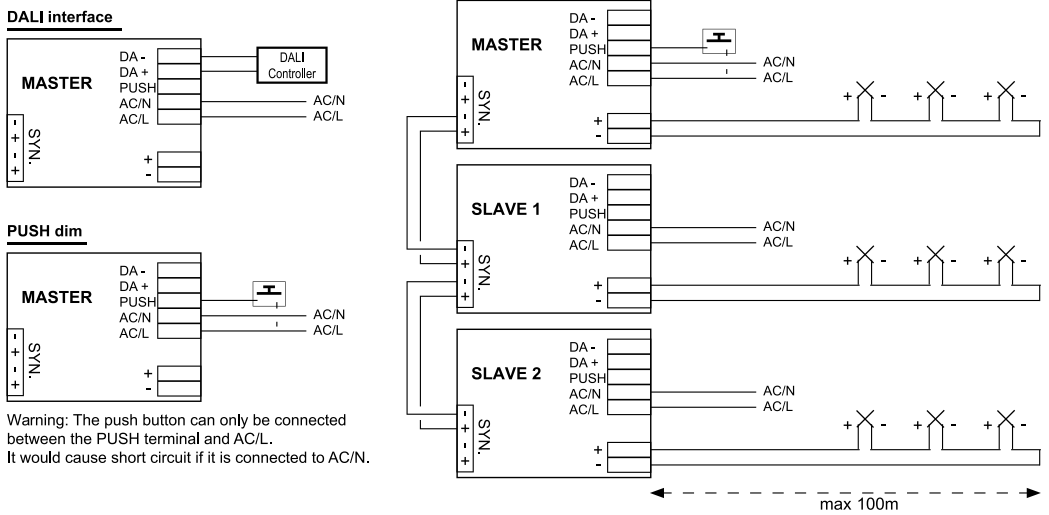


The external power supply needs to be adjusted to the number of spotlights and their power. With a constant current, the voltage will spread equally over the different spots.

Το εξωτερικό τροφοδοτικό πρέπει να προσαρμοστεί στον αριθμό των προβολέων και της ισχύος (Watt). Με σταθερό ρεύμα, η τάση θα εξαπλωθεί εξίσου στα διάφορα σημεία.

## Installation with a DALI interface & push dimming function

**Push dimming: 10 drivers (max.) synchronization ( 1 master + 9 slaves)**  
 Maximum length of the cable from first driver to last driver is 15 meter.



## Max. distance driver LED

Driver constant current ( 350mA or 500mA)				
Distance	2,5 m	5 m	10 m	25 m
Cable section	0,25 mm <sup>2</sup>	0,25 mm <sup>2</sup>	0,5 mm <sup>2</sup>	1,0 mm <sup>2</sup>
Driver constant current ( 700mA)				
Distance	2,5 m	5 m	10 m	25 m
Cable section	0,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	1,0 mm <sup>2</sup>	2,5 mm <sup>2</sup>
Driver constant voltage ( max. 70W - 24VDC)				
Distance	2,5 m	5 m	10 m	15 m
Cable section	0,75 mm <sup>2</sup>	1 mm <sup>2</sup>	1,5 mm <sup>2</sup>	2,5 mm <sup>2</sup>
Driver constant voltage ( max. 150W - 24VDC)				
Distance	2,5 m	5 m	10 m	15 m
Cable section	1,5 mm <sup>2</sup>	2,5 mm <sup>2</sup>	4,0 mm <sup>2</sup>	4,0 mm <sup>2</sup>



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TECHNICAL  
INFORMATION...

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**BEL** LIGHTING  
CATALOGUE

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339	59	351	99
341	60	357	100
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331	63	7014D	107
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338	67		

## COLOR CODE



00	Brushed natural aluminium	00	Φυσικό αλουμίνιο
01	White	01	Λευκό
02	Black	02	Μαύρο
02A	Anodized black	02A	Ανοδιωμένο μαύρο
04	Brushed Stainless Steel	04	Ανοξειδωτο
07	Brushed brass	07	Φυσικός μπρούτζος
09	Bronze	09	Μπρονζέ
16	Stainless Steel 316L	16	Ανοξειδωτο 316L
16G	Inox 316L Electropolish	16G	Ανοξειδωτο 316L Ηλεκτροσίθλωση
21	Natural Copper	21	Φυσικός Χαλκός
22	Brown	22	Καφέ
24	Corten	24	Καφέ Corten
32	Anodized aluminium	32	Ανοδιωμένο αλουμίνιο
33	Anodized Bronze	33	Ανοδιωμένο μπρονζέ
39	Grey	39	Γκρι
40	Rusty Iron	40	Σκουριασμένο σίδερο
41	Belgian stone	41	Μάρμαρο Βελγίου
42	Iroko	42	Ξύλο Ιρόκο
48	Dark Grey	48	Ανθρακί







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