

Dopo
lighting

16



GRUPPO|NOVOLUX LIGHTING



GRUPO LIGHTING NOVOLUX

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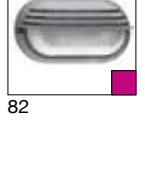
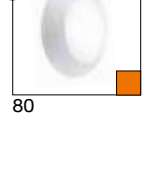
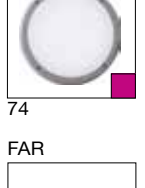
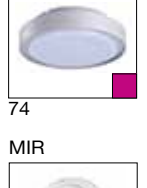
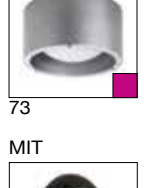
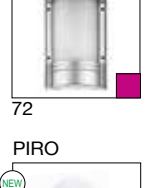
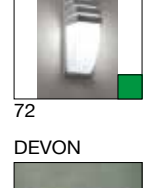
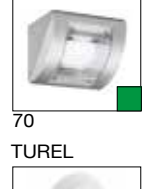
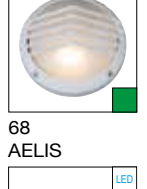
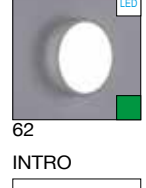
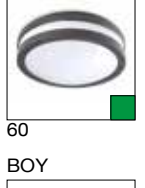
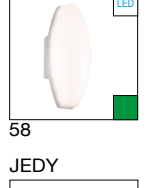
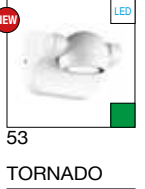
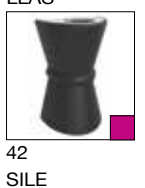
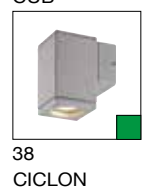
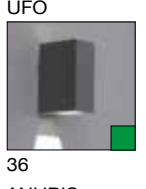
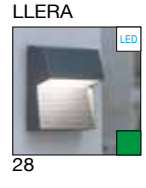
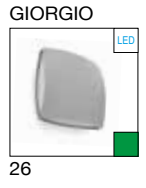
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lighting from Barcelona

Dopo
lighting







						
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NEW Novedad / New / Nouveauté / Novidade **NEW** Ampliación de gama / Product range enlargement / Élargissement de gamme / Extensão de gama

LED Familia con producto LED integrado / Product family with integrated LED / Famille avec produit LED intégré / Família do producto LED integrado








 Luminaria con sensor / Luminaire with sensor / Luminaire avec senseur / Luminária con sensor

 Aluminio / Aluminium / Aluminium / Alumínio  Acero inoxidable / Stainless steel / Acier inoxydable / Aço inoxidável

 Polímero / Polymer / Polymère / Polímero  Resina / Resin / Resine / Resina

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-  **NEW** Novedad / New / Nouveauté / Novidade  **NEW** Ampliación de gama / Product range enlargement / Élargissement de gamme / Extensão de gama
-  **LED** Familia con producto LED integrado / Product family with integrated LED / Famille avec produit LED intégré / Família do produto LED integrado
-  **S** Luminaria con sensor / Luminaire with sensor / Luminaire avec senseur / Luminária con sensor
-  **A** Aluminio / Aluminium / Aluminium / Alumínio  **S** Acero inoxidable / Stainless steel / Acier inoxydable / Aço inoxidável
-  **P** Polímero / Polymer / Polymère / Polímero

ROB



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ARCO



201

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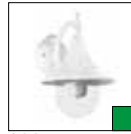
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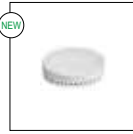
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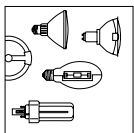
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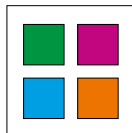
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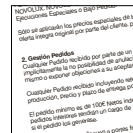
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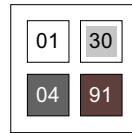
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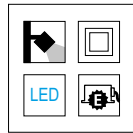
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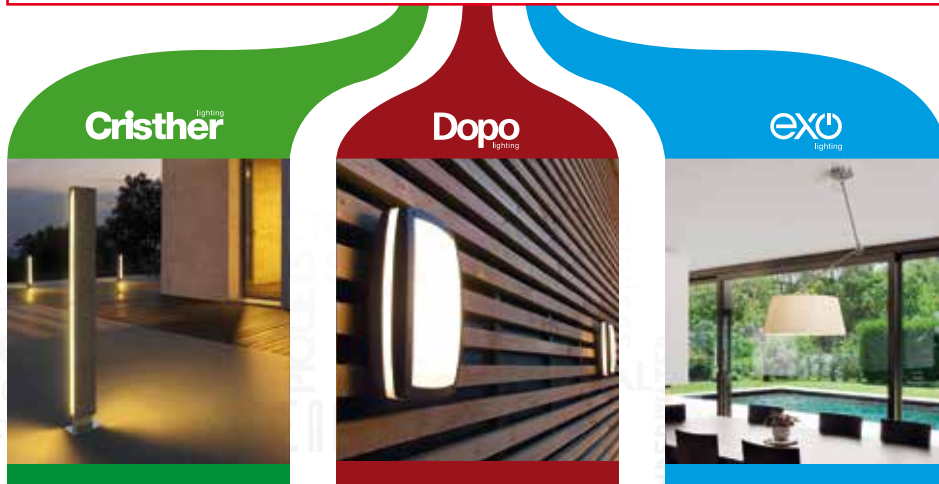
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gama de productos
 product range
 gamme de produits
 gama de produtos

Soluciones en iluminación

*Lighting solutions
 Solutions d'éclairage
 Soluções de iluminação*



*Iluminación exterior residencial
 de alta gama
 High-end residential luminaires
 Éclairage extérieur résidentiel
 haut de gamme
 Iluminação exterior residencial
 de alta gama*

*Iluminación exterior competitiva
 Competitive lighting fixtures
 Éclairage extérieur concurrentiel
 Iluminação exterior competitivo*

*Iluminación interior
 Indoor lighting
 Éclairage intérieur
 Iluminação Interior*

+2400 ref.



ECOLUM

entrega rápida *+80% de los pedidos expedidos en el mismo día*
fast delivery *+80% of the order dispatched during the same day*
livraison rapide *+80% des commandes expédiées en pendant le même jour*
entrega rapida *+80% dos pedidos expedidos no mesmo dia*

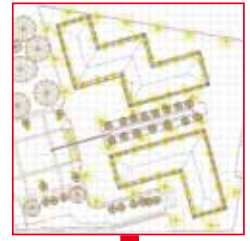
7.200m²

+10.000
pallets



Departamento de proyectos

Projects department
Service des projects
Departamento de projetos



Servicio adicional a nuestros clientes
Complimentary service for our customers
Un service complémentaire offert à nos clients
Serviço adicional aos nossos clientes



+35

años de experiencia
years of experience
années d'expérience
anos de experiência

+50

países
countries
pays
países



+1800

clientes
customers
clientèle
clientes

presencia mundial
worldwide presence
présence mondiale
presença mundial

Museo de Bellas Artes Palacio Baburizza, Valparaíso, Chile



Hotel Martinhal 5*, Sagres (Algarve) Portugal



The Palms Beach Hotel & Spa 5*, Kuwait City, Kuwait



nuestras instalaciones
our facilities
nos installations
nossas instalações

BARCELONA

Santa Perpètua de Mogoda



producción
production
production
produção



laboratorio
lab
laboratoire
laboratório

oficina
office
bureau
escritório



almacén
warehouse
entrepôt
armazém



showroom

logística
logistic
logistique
logística



8.400m²



nuestro equipo

Vocación de servicio al cliente



our team

The commitment to service the customer



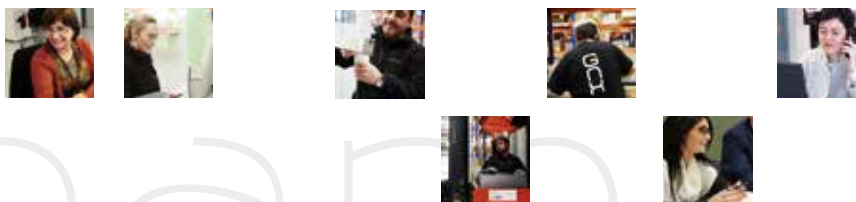
notre équipe

La vocation de service au client



nossa equipe

A vocação de serviço ao cliente



team

Atención al cliente
Customer Service
Service Clients
Apoio ao Cliente

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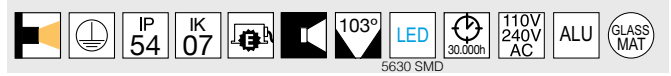




SUPERFICIE PARED Y/O TECHO
SURFACE WALL
AND/OR CEILING FIXTURES
MUR ET/OU PLAFOND
SALIENTE PAREDE E/OU TETO




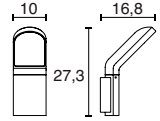
CASTELLO

Dopo



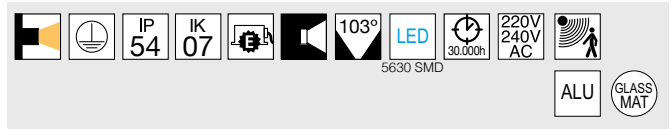
NEW 534A-L0109A-01 
 534A-L0109A-04 



LED  9W 646 lm 3000K




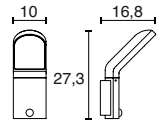
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CASTELLO



NEW 534C-L0109B-01 
NEW 534C-L0109B-04 

LED  9W 646 lm 3000K




Con sensor crepuscular y movimiento.

With daylight and motion sensor.

Avec senseur crépusculaire et mouvement.

Con sensor crepuscular e movimento.



<p>Regulación de:</p> <ul style="list-style-type: none"> - Distancia: 0>8 m. - Tiempo de activación: de 5 seg. a 8 min. - Intensidad de la luz: 10 - 2000lux - Ángulo de detección: 100° <p>Adjustable:</p> <ul style="list-style-type: none"> - Distance: 0>8 m. - Activation time: from 5 sec. to 8 min. - Light intensity: 10 - 2000lux - Detection angle: 100° 	<p>Règlement:</p> <ul style="list-style-type: none"> - Distance: 0>8 m. - Temps d'activation: de 5 sec à 8 min. - Intensité de la lumière: 10 - 2000lux - Angle de détection: 100° <p>Regulação de:</p> <ul style="list-style-type: none"> - Distância: 0>8 m. - Tempo de ativação: de 5s a 8 min - Intensidade luminosa: 10 - 2000lux - Ângulo de deteção: 100°
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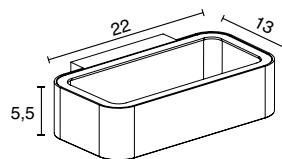
RHIN

Dopo

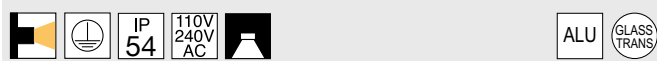


443A-L0107A-04 ■

LED 1x7W 448 lm 3000K

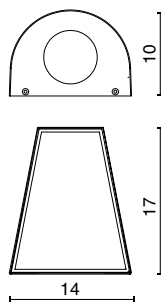


ALIX



453A-G21X1A-04 ■

GU10 LED 4,5W - 7W



NEW LED PRO GU10 4,5W 300lm

	378A-L2105A-01	3000K
	378A-L2105A-02	4000K

LED PRO GU10 7W 550lm

	369B-L2107A-01	3000K
	369B-L2107A-02	4000K

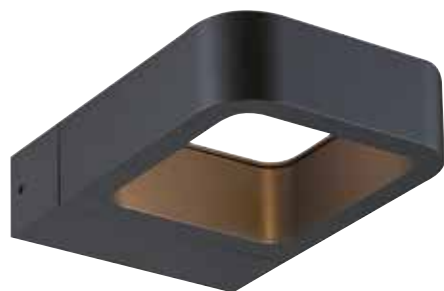
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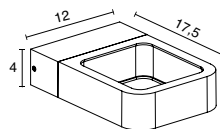
ARSEN

Dopo



444A-L0107B-04 ■

LED 7W 290 lm 3000K

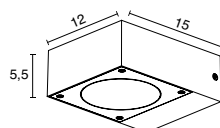


GUIU



447B-L01D6B-04 ■

LED 6W 504 lm 3000K

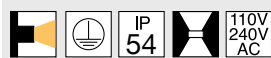








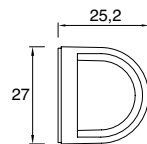
DARK

Dopo

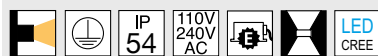



080A-G05X1A-03 
080A-G05X1A-04 


E27  Cmpct 23W max.

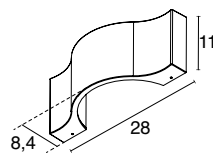


AILO



450A-L0107A-04 

LED  7W 457 lm 3000K






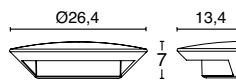
MADRID

Dopo



363A-L02D4B-04 

LED  4x3W 665 lm 4100K

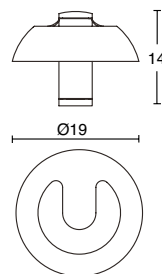


LONDRES

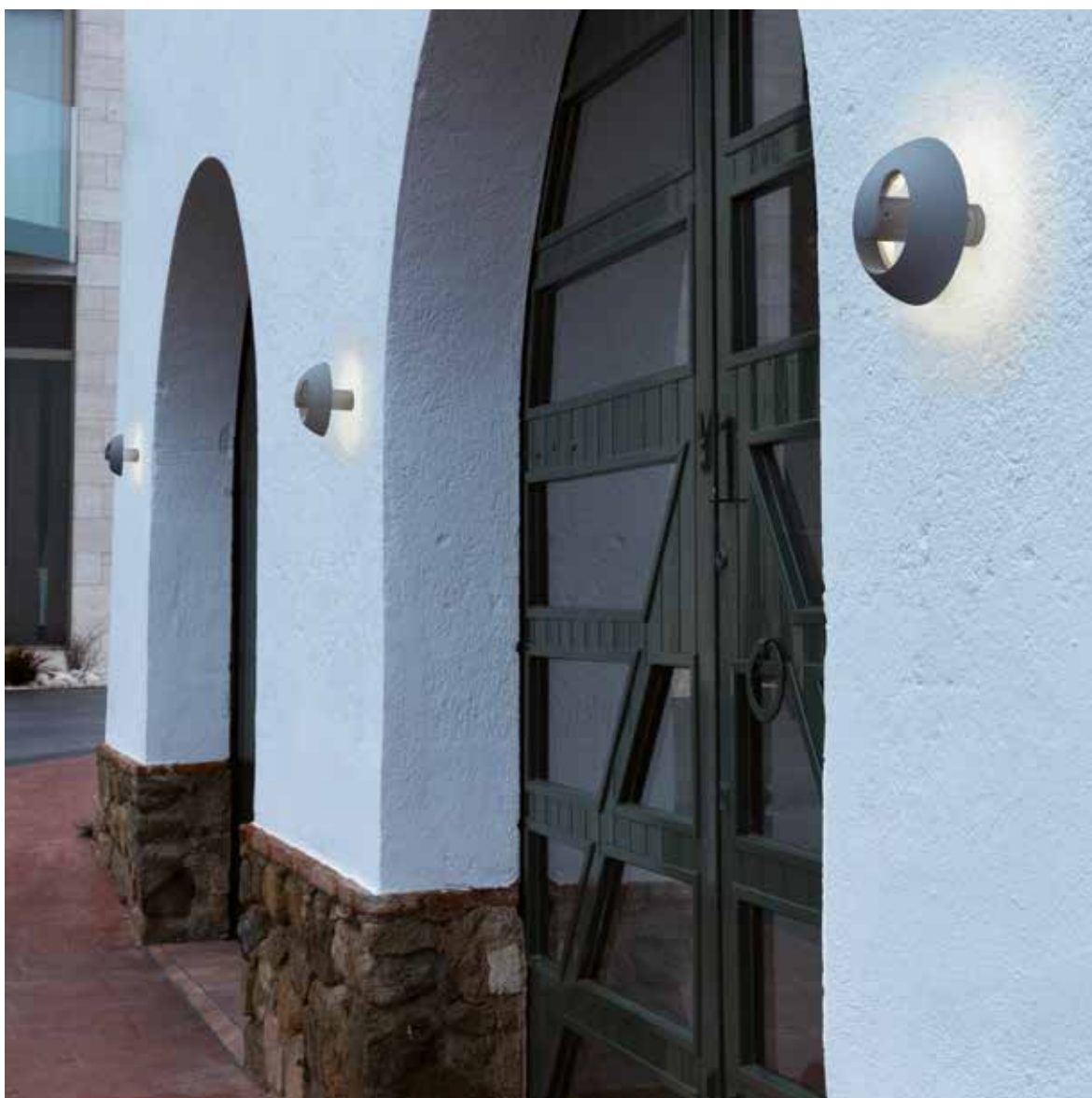


▼ **362A-L02D8A-04** ■

LED 6x1W 318 lm 4000K



Dopo





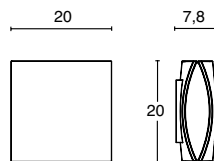
GIORGIO

Dopo



366A-L02D4B-03

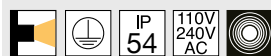
LED 4x3W 418 lm 4100K



Posibilidad de añadir filtros de colores (incluidos).
Possibility to add colour filters (included).
On peut s'ajouter filtres à couleurs (inclus).
Possibilidade de adicionar filtros de cores (incluidos)

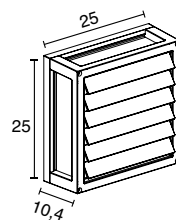
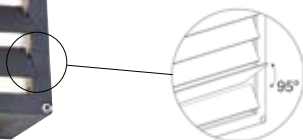


HUG

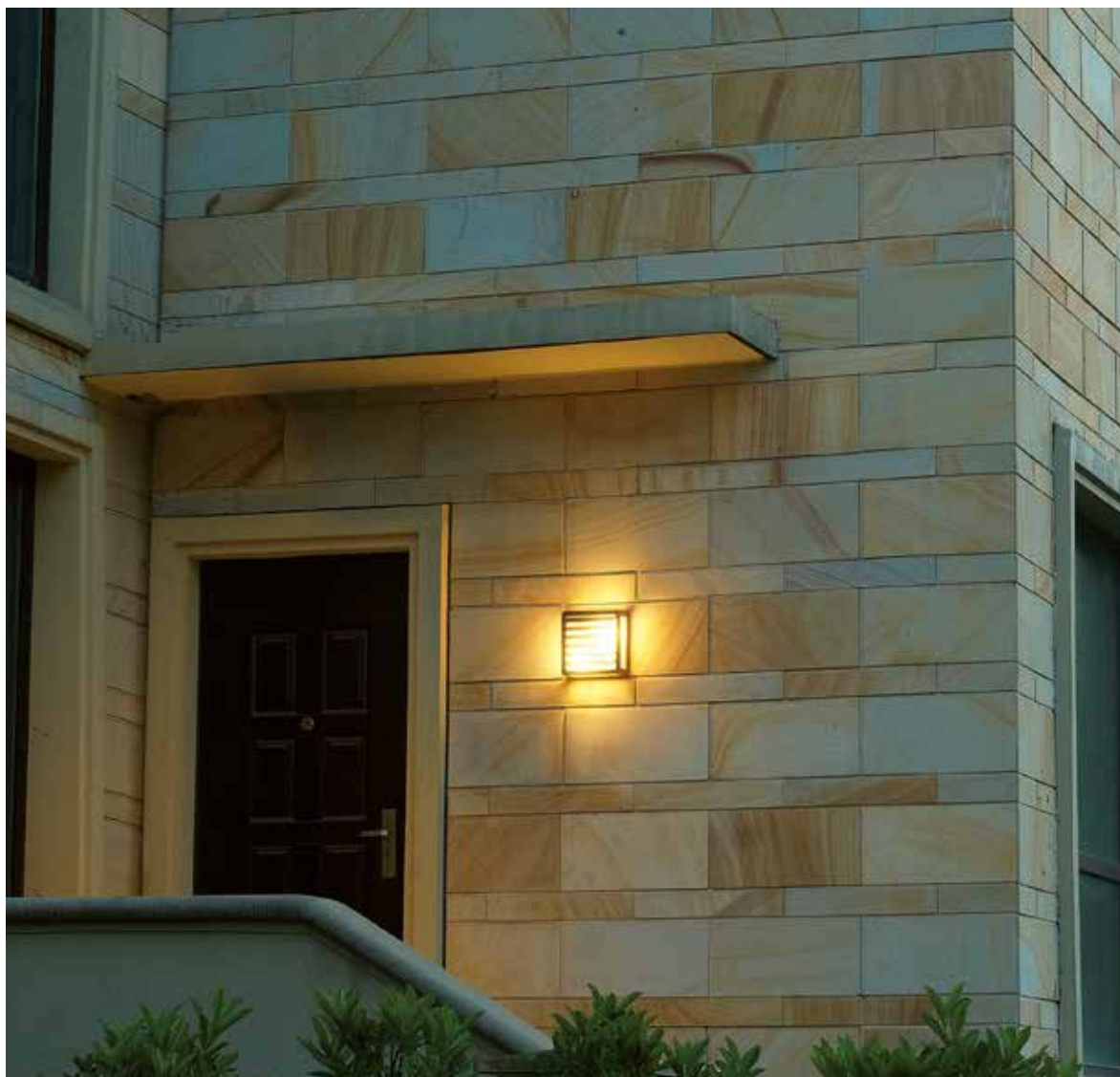


449A-G05X1A-04

E27  Cmpct 2x15W max.



Dopo





YSER

Dopo

NEW



IP 65

220V
240V
AC



ASIM.

LED

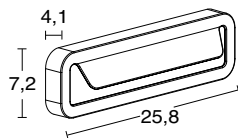
27.000h

ALU

GLASS
TRANS

640A-L0114B-04

LED 14,1W 257 lm 3000K



LUTZ



IP 65

ASIM.

220V
240V
AC



LED

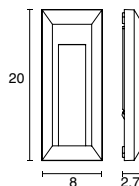
3014 SMD

TERMO
PLASTIC

PC
OPAL

524B-L0201A-04

LED 1W 50 lm 4000K



LLERA



IP 54

110V
240V
AC



ASIM.

46°

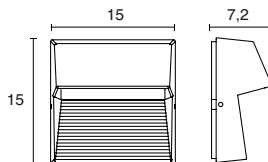
LED

ALU

PC
TRANS

- ◆ **181A-L0203B-01**
- ◆ **181A-L0203B-03**
- ◆ **181A-L0203B-04**

LED 3x2W 103 lm 4100K







ARTAL

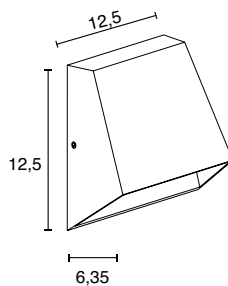
Dopo

		IP 54	220V 240V AC			108°	LED CREE	ALU	PC TRANS
--	--	----------	--------------------	--	--	------	-------------	-----	-------------




445A-L0107B-04


LED 7W 344lm 3000K

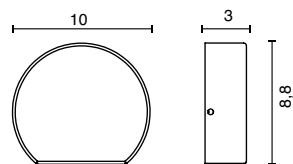


FERRERA



454A-L0103A-04 

LED  1x3W 180 lm 3000K



Dopo





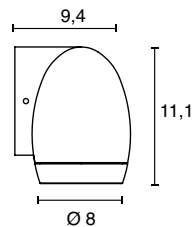
GUISLA

Dopo

		IP 54	110V 240V AC			38°	LED CREE	ALU	GLASS TRANS
--	--	----------	--------------------	--	--	-----	-------------	-----	----------------


451A-L0103A-04


LED 3x1W 330 lm 3000K

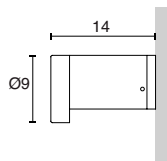


CAIRO



537A-L0107A-04 

LED  7W 196 lm 3000K



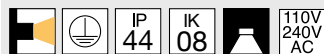
pag.140





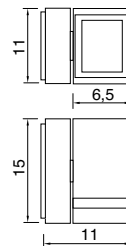
ANIBAL

Dopo



013B-G21X1A-03
013B-G21X1A-04

- GU10 LED 4,5W - 7W
- GU10 T1 9W max.
- GU10 PAR16 35W max.



NEW LED PRO GU10 4,5W 300lm

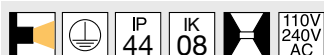
	378A-L2105A-01	3000K
	378A-L2105A-02	4000K

LED PRO GU10 7W 550lm

	369B-L2107A-01	3000K
	369B-L2107A-02	4000K

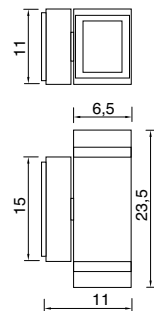
(Pag. 221)

ANIBAL



013A-G21X1A-03
013A-G21X1A-04

- GU10 LED 2x4,5W - 2x7W
- GU10 T1 2x9W max.
- GU10 PAR16 2x35W max.



NEW LED PRO GU10 4,5W 300lm

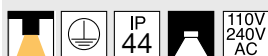
	378A-L2105A-01	3000K
	378A-L2105A-02	4000K



LED PRO GU10 7W 550lm

	369B-L2107A-01	3000K
	369B-L2107A-02	4000K

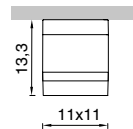
(Pag. 221)

ANIBAL




013C-G21X1A-03 
013C-G21X1A-04 


GU10  LED 4,5W - 7W
 GU10  T1 9W max.
 GU10  PAR16 35W max.



NEW LED PRO GU10 4,5W 300lm

	378A-L2105A-01	3000K
	378A-L2105A-02	4000K

LED PRO GU10 7W 550lm

	369B-L2107A-01	3000K
	369B-L2107A-02	4000K

(Pag. 221)





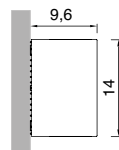
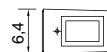
UFO

Dopo



335A-L98E2B-03
335A-L98E2B-04

LED 2x3W 114 lm 4100K



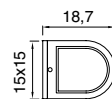
GUS



↓ **134A-H35X1A-03**

↓ **134A-H35X1A-04**

R7S QT-DE 150W max.



Incluye lentes para personalizar el haz luminoso.
Lenses included for customizing the light emission flow.
Inclut des lentilles pour personnaliser le flux lumineux.
Lentes incluídas para personalizar o fluxo luminoso.

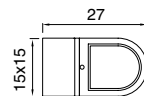
GUS



↓ **134B-M0770B-03**

↓ **134B-M0770B-04**

G12 HIT 70W



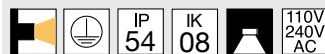
Incluye lentes para personalizar el haz luminoso.
Lenses included for customizing the light emission flow.
Inclut des lentilles pour personnaliser le flux lumineux.
Lentes incluídas para personalizar o fluxo luminoso.





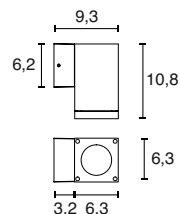
CUB

Dopo



- 555C-G21X1A-01
- 555C-G21X1A-02
- 555C-G21X1A-03
- 555C-G21X1A-04

GU10 LED 4,5W - 7W



NEW LED PRO GU10 4,5W 300lm

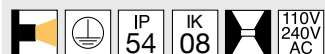
	378A-L2105A-01	3000K
	378A-L2105A-02	4000K

LED PRO GU10 7W 550lm

	369B-L2107A-01	3000K
	369B-L2107A-02	4000K

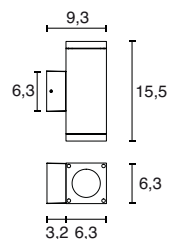
(Pag. 221)

CUB



- 555D-G21X1A-01
- 555D-G21X1A-02
- 555D-G21X1A-03
- 555D-G21X1A-04

GU10 LED 2x4,5W - 2x7W



NEW LED PRO GU10 4,5W 300lm

	378A-L2105A-01	3000K
	378A-L2105A-02	4000K

LED PRO GU10 7W 550lm

	369B-L2107A-01	3000K
	369B-L2107A-02	4000K

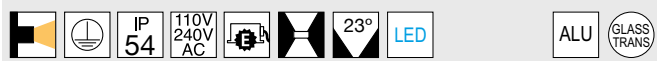
(Pag. 221)







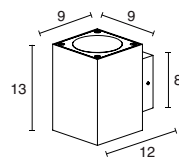
BINDÓ SQUARE

Dopo

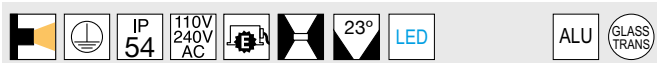



549A-L0112A-04 

LED  12W 872 lm 3000K

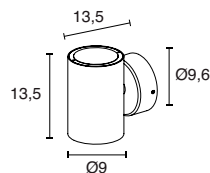


BINDÓ ROUND



550B-L0112A-04 

LED  12W 872 lm 3000K







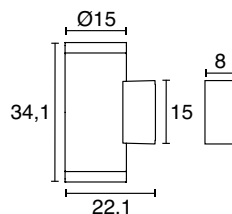
TRAMUNTANA

Dopo



323A-G05X1A-02 ■
323A-G05X1A-03 ■

- E27 LED 2x6W
- E27 LED 2x9W
- E27 Cmpct 2x20W max.



LED FILAMENT E27 6W 600 lm

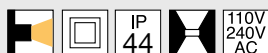
	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

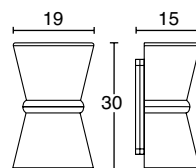
(Pag. 220)

LLASS



558A-G05X2B-02 ■
558A-G05X2B-03 ■

- E27 LED 2x6W
- E27 LED 2x9W
- E27 Cmpct 2x20W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

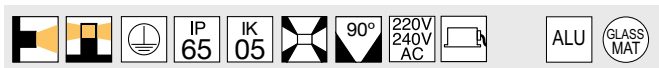
(Pag. 220)





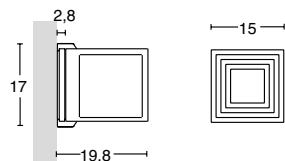
ANUBIS

Dopo

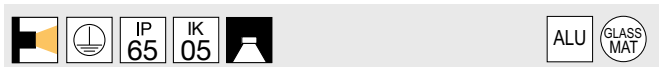


- 014A-F2626B-03
- 014A-F2626B-04
- 014A-F2626B-90

GX24 d3 TC-T 26W



ISORA



110V
240V
AC

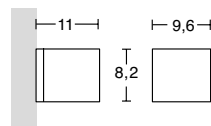
- 157A-H20X1A-01
- 157A-H20X1A-02
- 157A-H20X1A-03
- 157A-H20X1A-91

G9 QT14 40W max.

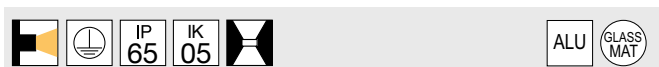
LED
VOSSLÖH 220V
240V
AC

- 157A-L0105B-01
- 157A-L0105B-02
- 157A-L0105B-03
- 157A-L0105B-91

LED 4,3W 370 lm 3000K



ISORA



110V
240V
AC

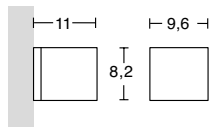
- 157B-H20X1A-01
- 157B-H20X1A-02
- 157B-H20X1A-03
- 157B-H20X1A-91

G9 QT14 40W max.

LED
VOSSLÖH 220V
240V
AC

- 157B-L01G8B-01
- 157B-L01G8B-02
- 157B-L01G8B-03
- 157B-L01G8B-91

LED 2x4,3W 2x370 lm 3000K

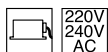
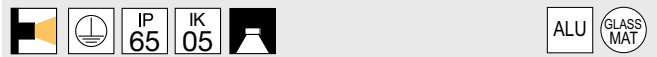






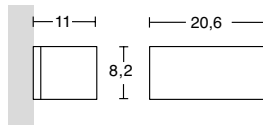
ISORA

Dopo



- 157C-F1226B-01
- 157C-F1226B-02
- 157C-F1226B-03
- 157C-F1226B-91

G24 d3 TC-D 26W



- 157C-G05X1A-01
- 157C-G05X1A-02
- 157C-G05X1A-03
- 157C-G05X1A-91

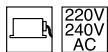
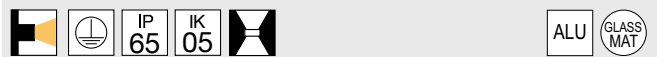
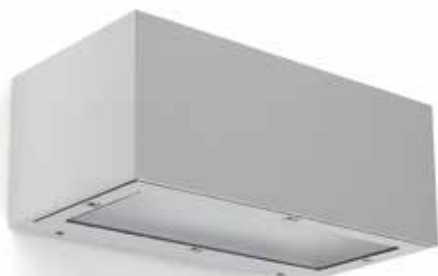
E27 Cmpct 20W max.
E27 QT32 70W max.



- 157C-L0109B-01
- 157C-L0109B-02
- 157C-L0109B-03
- 157C-L0109B-91

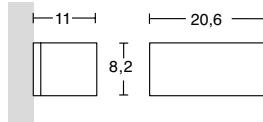
LED 8,7W 780 lm 3000K

ISORA



- 157D-F1226B-01
- 157D-F1226B-02
- 157D-F1226B-03
- 157D-F1226B-91

G24 d3 TC-D 26W



- 157D-G05X1A-01
- 157D-G05X1A-02
- 157D-G05X1A-03
- 157D-G05X1A-91

E27 Cmpct 20W max.
E27 QT32 70W max.



- 157D-L01G9B-01
- 157D-L01G9B-02
- 157D-L01G9B-03
- 157D-L01G9B-91

LED 2x8,7W 2x780 lm 3000K





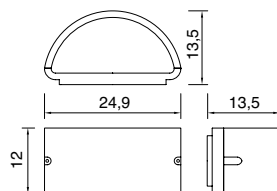
CICLON

Dopo



051A-G05X1A-04

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 20W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

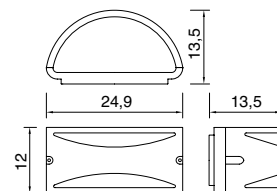
(Pag. 220)

CICLON



051B-G05X1A-04

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 20W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

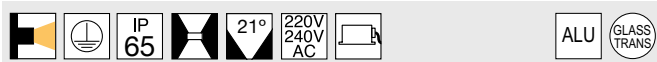
(Pag. 220)





GARBI

Dopo



120A-M3670B-04

RX7S HIT-DE 70W



CALM

NEW

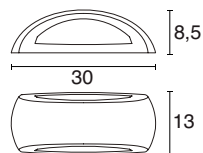


RESIN PMMA MAT



- 646A-G05X1A-01
- 646A-G05X1A-02
- 646A-G05X1A-03

E27 LED 6W



LED FILAMENT E27 6W 600 lm



632A-L0506B-01 2700K

(Pag. 220)

Dopo

CALM

NEW

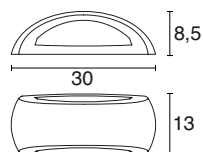


RESIN PMMA MAT



- 646B-G05X1A-01
- 646B-G05X1A-02
- 646B-G05X1A-03

E27 LED 6W



Con sensor crepuscular y movimiento.

With daylight and motion sensor.

Avec senseur crépusculaire et mouvement.

Con sensor crepuscular e movimento.



Regulación de:

- Distancia: 0>5 m.
- Tiempo de activación: de 5 seg. a 30 min.
- Intensidad de la luz: 2 - 50Lux
- Ángulo de detección: 30°-150°

Adjustable:

- Distance: 0>5 m.
- Activation time: from 5 sec. to 30 min.
- Light intensity: 2 - 50Lux
- Detection angle: 30°-150°

Règlement:

- Distance: 0>5 m.
- Temps d'activation: de 5 sec à 30 min.
- Intensité de la lumière: 2 - 50Lux
- Angle de détection: 30°-150°

Regulação de:

- Distância: 0>5 m.
- Tempo de ativação: de 5s a 30 min
- Intensidade luminosa: 2 - 50Lux
- Ângulo de deteção: 30°-150°

LED FILAMENT E27 6W 600 lm



632A-L0506B-01 2700K

(Pag. 220)



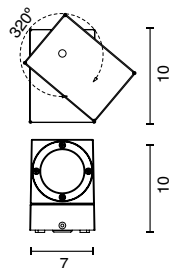
SUEVIS

Dopo



452B-L0107A-04 ■

LED 1x7W 540 lm 3000K




pag.147



SILE

NEW



IP 54

IK 05

110V
240V
AC



180°

LED
CREE

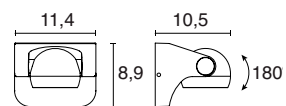
30.000h

ALU

GLASS
MAT

641A-L01J1A-01

LED 6W 290 lm 3000K



Dopo





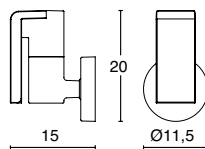
MOSCU

Dopo



365A-L02D9B-03

LED 8x3W 1540 lm 4100K

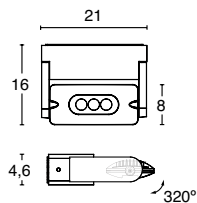


PARIS



361A-L02D2B-04 ■

LED 3x3W 605 lm 4100K





CELLA

Dopo



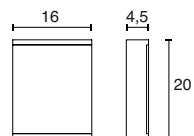
		IP 54		IK 05		122°		110V 240V AC		LED		30.000h		ALU		GLASS TRANS
--	--	-------	--	-------	--	------	--	--------------------	--	-----	--	---------	--	-----	--	----------------

5630 SMD

NEW 535A-L0106B-01

535A-L0106B-04

LED 6W 310 lm 3000K



CENADI

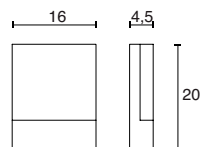


		IP 54		IK 08		127°		110V 240V AC		LED		30.000h		ALU		PC OPAL
--	--	-------	--	-------	--	------	--	--------------------	--	-----	--	---------	--	-----	--	------------

2835 SMD

536A-L0106A-04

LED 6W 524 lm 3000K







BARCIS

Dopo

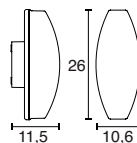


		IP 54	IK 08	110V 240V AC		144°	LED	ALU	PC OPAL
--	--	-------	-------	--------------------	--	------	-----	-----	------------

2835 SMD

533A-L0106A-03

LED 6W 560 lm 3000K



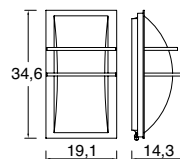
MITO



		IP 65	110V 240V AC	ALU	PC OPAL
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207A-G05X1A-03

E27 LED 6W
E27 LED 9W
E27 Cmpct 15W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)



TORNADO

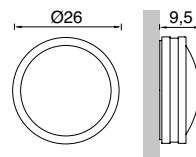
Dopo



321A-G05X1A-03

321A-G05X1A-04

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)

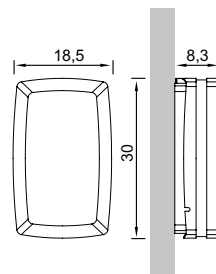
KIRA



169A-G05X1A-03

169A-G05X1A-04

- E27 LED 2x6W
- E27 LED 2x9W
- E27 Cmpct 2x20W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)

LED MODUL 8,7W 780 lm 2900-3200°K

	371A-L3309B-01	
	LED MODUL 8,7W	FLUO 2x18W

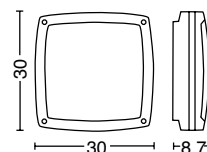
(Pag. 221)

KIRA



169C-G05X1A-04

- E27 LED 2x6W
- E27 LED 2x9W
- E27 Cmpct 2x18W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)






BLERA ROUND

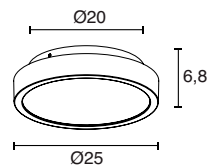


Dopo

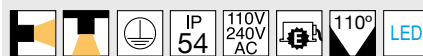



547A-L0118A-03 


LED  20W 1120 lm 3000K

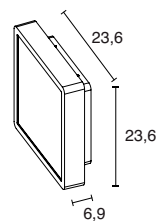


BLERA SQUARE



548B-L0118A-03 

LED  20W 1107 lm 3000K








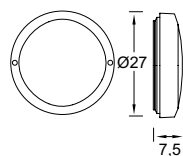
PAMPERO

Dopo



232A-G05X1A-01
232A-G05X1A-03

- E27  LED 6W
- E27  LED 9W
- E27  Cmpct 11W max.



LED FILAMENT E27 6W 600 lm



632A-L0506B-01 2700K

LED PRO E27 9W 806 lm



369D-L0509B-01 3000K
369D-L0509B-02 4000K

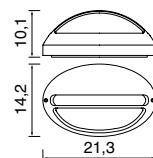
(Pag. 220)





162A-G05X1A-01

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 8W max.



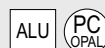
LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

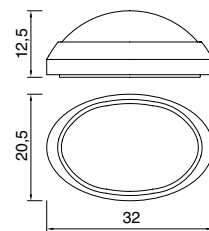
	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)



162B-G05X1A-03

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)





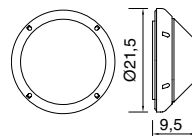
INDI

Dopo



143A-G05X1A-01
143A-G05X1A-03

E27 LED 6W
E27 LED 9W
E27 Cmpct 8W max.



LED FILAMENT E27 6W 600 lm



632A-L0506B-01 2700K

LED PRO E27 9W 806 lm



369D-L0509B-01 3000K
369D-L0509B-02 4000K

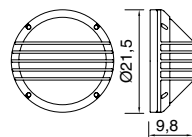
(Pag. 220)

INDI



↓ **143C-G05X1A-01**
↓ **143C-G05X1A-03**

E27 LED 6W
E27 LED 9W
E27 Cmpct 8W max.



LED FILAMENT E27 6W 600 lm



632A-L0506B-01 2700K

LED PRO E27 9W 806 lm



369D-L0509B-01 3000K
369D-L0509B-02 4000K

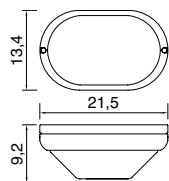
(Pag. 220)

BOY

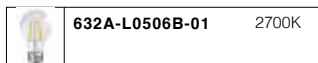


- ↓ 038B-G05X1A-01
- ↓ 038B-G05X1A-02
- ↓ 038B-G05X1A-03

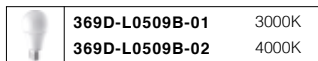
- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 8W max. max. 114mm



LED FILAMENT E27 6W 600 lm

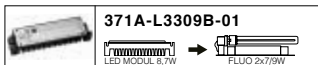


LED PRO E27 9W 806 lm



(Pag. 220)

LED MODUL 8,7W 780 lm 2900-3200°K



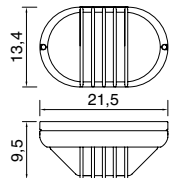
(Pag. 221)

BOY

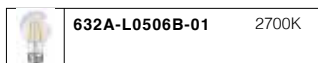


- ↓ 038A-G05X1A-01
- ↓ 038A-G05X1A-03

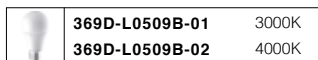
- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 8W max. max. 114mm



LED FILAMENT E27 6W 600 lm

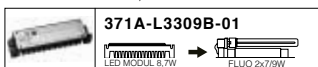


LED PRO E27 9W 806 lm



(Pag. 220)

LED MODUL 8,7W 780 lm 2900-3200°K



(Pag. 221)



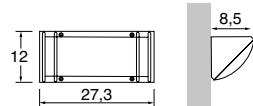
SUR

Dopo



301A-G05X1A-01
301A-G05X1A-02

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

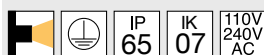
	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

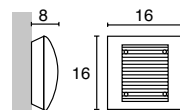
(Pag. 220)

INTRO



153B-G31X1A-03

- GX53 T2 LED 3W-4W-6W 3000K-4000K



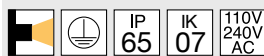
LED T2 GX53

	378A-L3103A-01	3W 350lm 3000K
	378A-L3103A-02	3W 350lm 4000K
	378A-L3104A-01	4W 300lm 3000K
	378A-L3106A-01	6W 500lm 3000K
	378A-L3106A-02	6W 500lm 4000K

(Pag. 222)

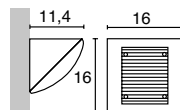


INTRO



153A-G31X1A-03

- GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W 350lm 3000K
	378A-L3103A-02	3W 350lm 4000K
	378A-L3104A-01	4W 300lm 3000K
	378A-L3106A-01	6W 500lm 3000K
	378A-L3106A-02	6W 500lm 4000K

(Pag. 222)

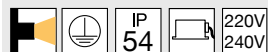






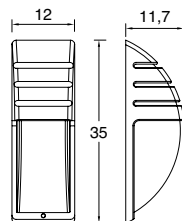
LEVANTE

Dopo



176B-F1226B-02 ■
176B-F1226B-03 ■

G24 d3 TC-D 26W



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

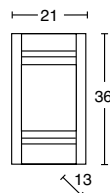
(Pag. 220)

TECHA



315A-G05X1A-02 ■
315A-G05X1A-03 ■

E27 LED 6W
E27 LED 9W
E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)



LED MODUL 8,7W 780 lm 2900-3200°K

	371A-L3309B-01	
	LED MODUL 8,7W	→
		FLUO 2x7/18W

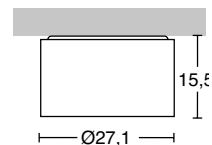
(Pag. 221)

PLANET



241 A-F2626B-02 
241 A-F2626B-03 

GX24 d3  TC-T 26W



Dopo





AELÍS

Dopo



521A-L0213B-03

LED 13W 1050 lm 4000K

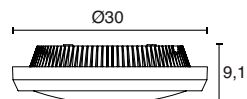


DELFI



522A-L0214B-03

LED 13,5W 1150 lm 4000K

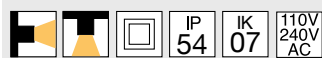






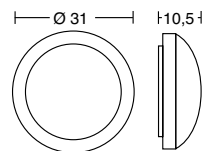
SARIEL

Dopo



270A-G05X1A-01

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



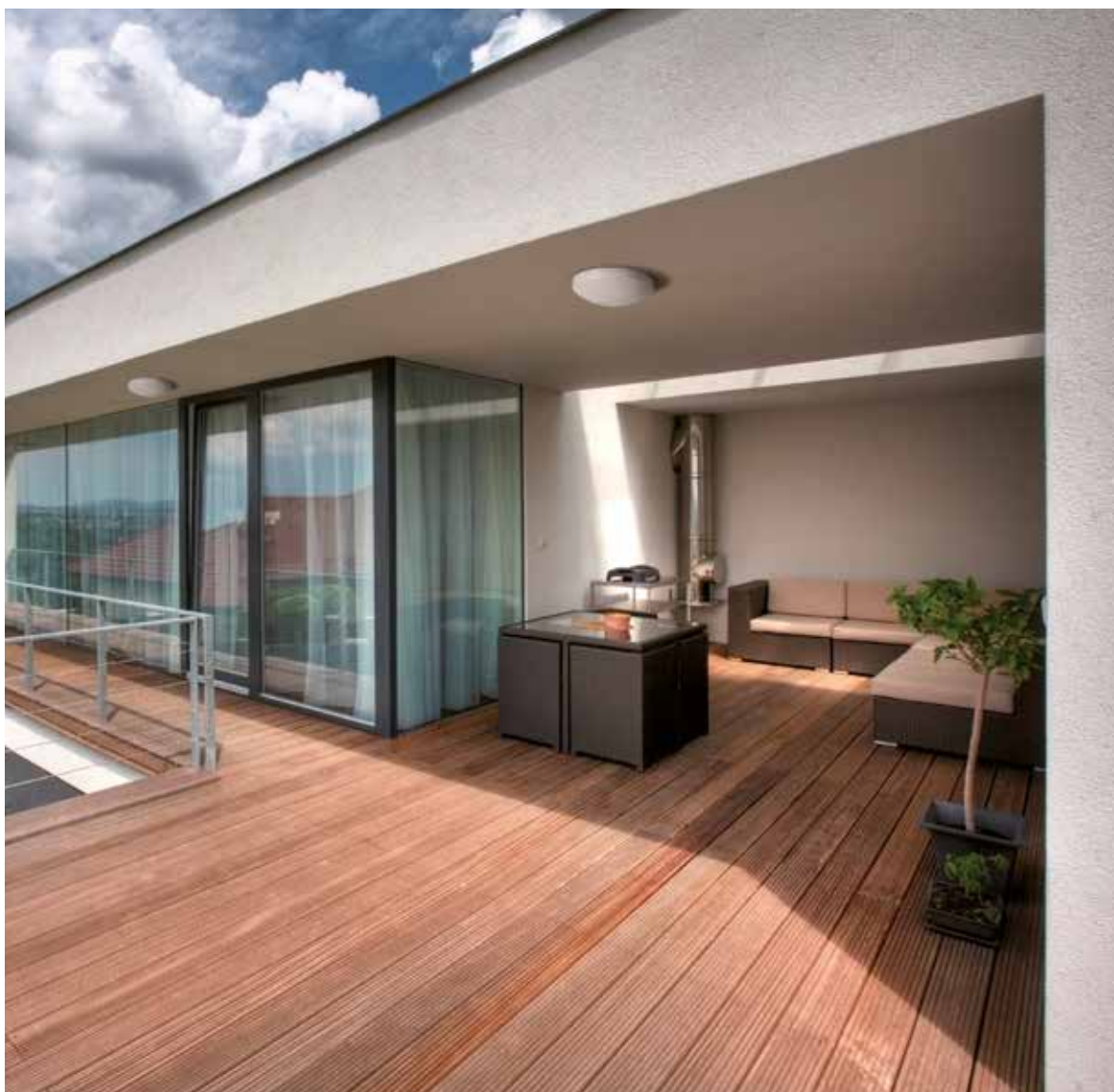
LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

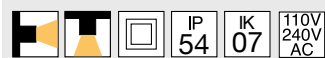
LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)

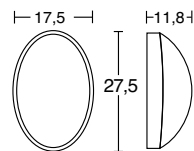


TUREL



334A-G05X1A-01

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



Dopo

LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)





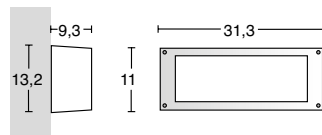
DEVON

Dopo



- 084E-G31X2A-01
- 084E-G31X2A-02
- 084E-G31X2A-03

GX53 T2 LED 2x 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

(Pag. 222)



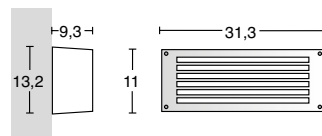
pag. 104

DEVON



- 084F-G31X2A-02
- 084F-G31X2A-03

GX53 T2 LED 2x 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

(Pag. 222)



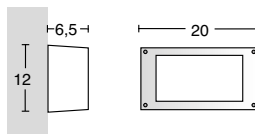
pag. 104

DEVON



- 084Q-G31X1A-01
- 084Q-G31X1A-02
- 084Q-G31X1A-03

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

(Pag. 222)



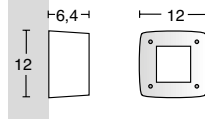
pag. 105

DEVON



084K-G31X1A-02
 084K-G31X1A-03

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

(Pag. 222)



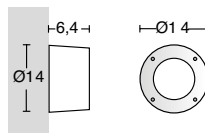
Dopo

DEVON



084N-G31X1A-01
 084N-G31X1A-02
 084N-G31X1A-03

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

(Pag. 222)





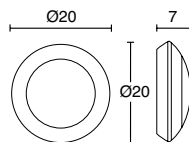
PIRO

Dopo



559A-G31X1A-01
559A-G31X1A-03

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

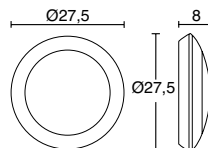
(Pag. 222)

PIRO



559B-G31X1A-01
559B-G31X1A-02
559B-G31X1A-03

GX53 LED 11W 900lm 3000K-4000K



LED T2 GX53 11W 900lm

	378C-L3111A-01	4000K
	378C-L3111A-02	3000K

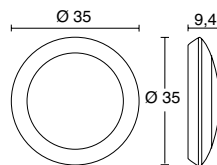
(Pag. 222)

PIRO



559C-G31X1A-01
559C-G31X1A-02
559C-G31X1A-03

GX53 LED 11W 900lm 3000K-4000K



LED T2 GX53 11W 900lm

	378C-L3111A-01	4000K
	378C-L3111A-02	3000K

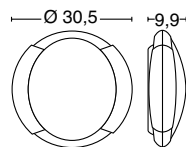
(Pag. 222)

MIT



- ↓ 206A-G05X1A-01
- ↓ 206A-G05X1A-02

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

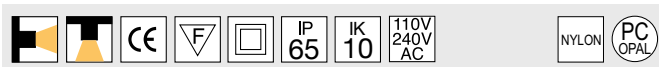
	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

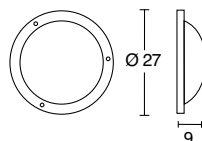
(Pag. 220)

MIR



- 203B-G05X1A-01
- 203B-G05X1A-02

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 15W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)



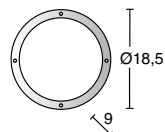
FAR

Dopo

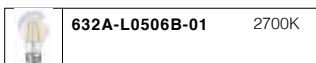


107B-G05X1A-01
107B-G05X1A-02

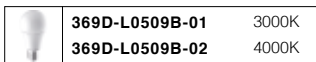
E27 LED 6W
E27 LED 9W
E27 Cmpct 12W max.



LED FILAMENT E27 6W 600 lm

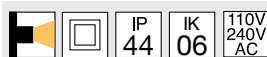


LED PRO E27 9W 806 lm



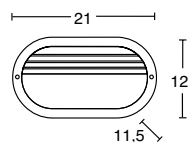
(Pag. 220)

FAR



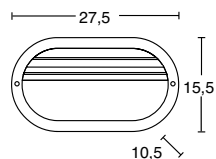
107G-G05X1A-01
107G-G05X1A-02
107G-G05X1A-04

E27 LED 6W
E27 LED 9W
E27 Cmpct 60W max.

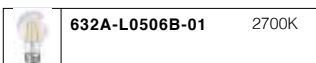


107H-G05X1A-01
107H-G05X1A-02
107H-G05X1A-04

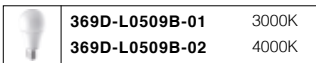
E27 LED 6W
E27 LED 9W
E27 Cmpct 21W max.



LED FILAMENT E27 6W 600 lm



LED PRO E27 9W 806 lm



(Pag. 220)

COBAN

NEW



IP
44

IK
06

110V
240V
AC

PC

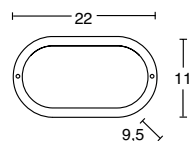
GLASS
MAT

GLASS
PRISM



647A-G05X1A-01

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 20W max.



LED FILAMENT E27 6W 600 lm



632A-L0506B-01 2700K

LED PRO E27 9W 806 lm



369D-L0509B-01 3000K

369D-L0509B-02 4000K

(Pag. 220)

Dopo

COBAN

NEW



IP
44

IK
06

110V
240V
AC

PC

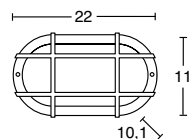
GLASS
MAT

GLASS
PRISM



647B-G05X1A-01

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 20W max.



LED FILAMENT E27 6W 600 lm



632A-L0506B-01 2700K

LED PRO E27 9W 806 lm



369D-L0509B-01 3000K

369D-L0509B-02 4000K

(Pag. 220)



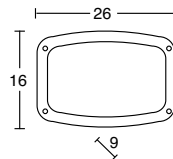
MON

Dopo



209B-G05X1A-01
209B-G05X1A-02

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 20W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)

LED MODUL 8,7W 780 lm 2900-3200°K

	371A-L3309B-01	
	LED MODUL 8,7W	FLUO 2x7/15W

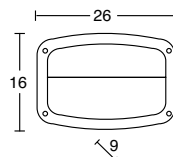
(Pag. 221)

MON



209C-G05X1A-01
209C-G05X1A-02

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 20W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)

LED MODUL 8,7W 780 lm 2900-3200°K

	371A-L3309B-01	
	LED MODUL 8,7W	FLUO 2x7/15W

(Pag. 221)

GLOU

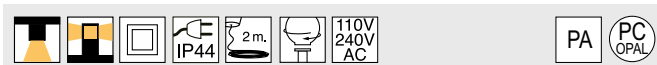


129E-G05X1A-02

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 15W max.



GLOU



129F-G05X1A-02

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



GLOU

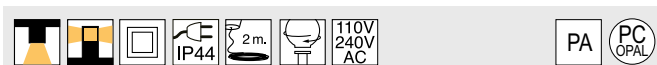


129G-G05X1A-02

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 30W max.



GLOU



129H-G05X1A-02

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 30W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)

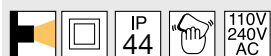


pag.166



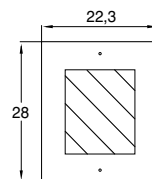
GREGAL

Dopo



132A-G05X1A-30

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 20W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

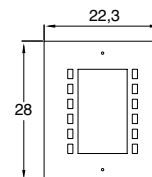
(Pag. 220)

GREGAL



132B-G05X1A-30

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 20W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)

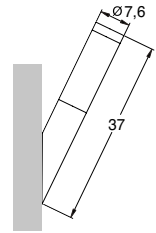
ABREGO



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003A-G05X1A-30

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 11W max.



Lamas / Louvres / Grilles / Lamas

	A07A-004-39
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LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)



pag.162

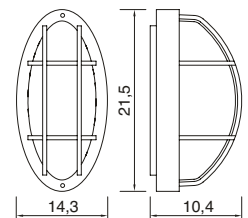
JANE



--	--	--	--	--	--	--

160A-G05X1A-30

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 8W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)



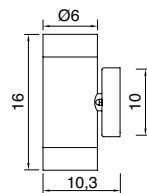
STAN

Dopo



297A-G21X1A-30

- GU10 LED 4,5W - 7W
- GU10 PAR16 35W max.



NEW LED PRO GU10 4,5W 300lm



- 378A-L2105A-01** 3000K
- 378A-L2105A-02** 4000K

LED PRO GU10 7W 550lm



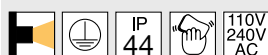
- 369B-L2107A-01** 3000K
- 369B-L2107A-02** 4000K

(Pag. 221)



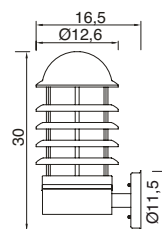
pag. 174

LEVECHE



177B-G05X1A-30

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 15W max.



LED FILAMENT E27 6W 600 lm



- 632A-L0506B-01** 2700K

LED PRO E27 9W 806 lm



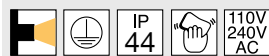
- 369D-L0509B-01** 3000K
- 369D-L0509B-02** 4000K

(Pag. 220)



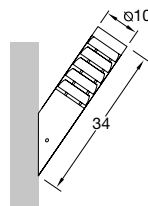
pag. 164

GALERNA



117A-G05X1A-30

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 18W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

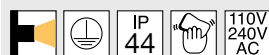
	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)



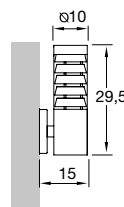
pag. 162

GALERNA



117C-G05X1A-30

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 18W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)



pag. 162






EMPOTRABLES
RECESSED
ENCASTRES
ENCASTRÁVEIS




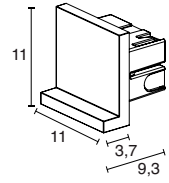
DUGARA

Dopo

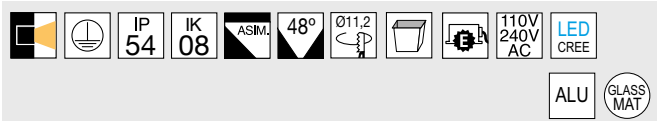



545A-L0103A-03 

LED  3W 70 lm 3000K

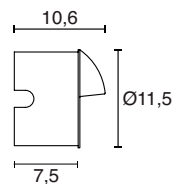


ANQUA



532A-L0103A-03 

LED  3W 88 lm 3000K







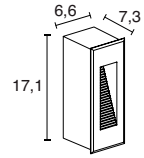
DAMBEL

Dopo

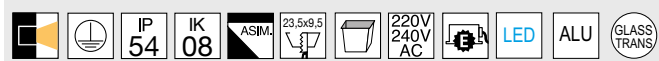



543A-L0103A-03 
543A-L0103A-04 

LED  3W 59 lm 3000K

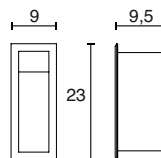



BELVEDERE



541A-L0103B-03 

LED  1,5W 45 lm 3000K



541A-L0102B-03 

LED  0,75W 25 lm 3000K





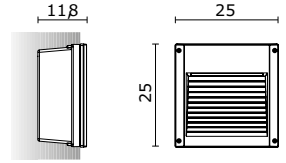
ARPA

Dopo



019A-F1226B-02 ■
019A-F1226B-03 ■

G24 d3 TC-D 26W

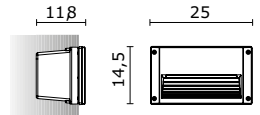


ARPA

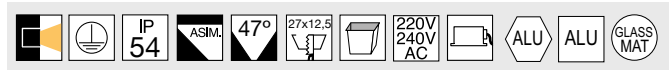


019B-F1226B-02 ■
019B-F1226B-03 ■

G24 d3 TC-D 26W

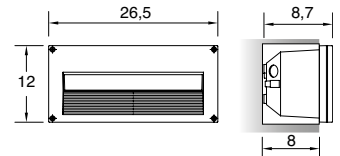


PONENT



251A-F1226B-03 ■

G24 d3 TC-D 26W








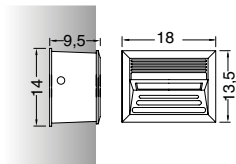
DALI

Dopo



079A-L0203B-03 

LED  1,8W 5200K



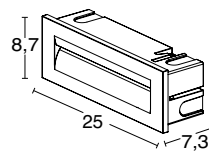
AMBERES

NEW



643A-L0109A-04 

LED  8,4W 190lm 3000K







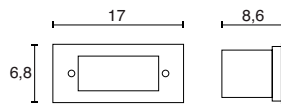
BARLIA

Dopo



540A-L0102B-30

LED 0,8W 25 lm 3000K

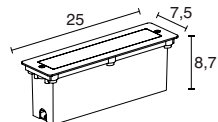


DAS



544A-L0105A-30

LED 5W 157 lm 3000K







XALOC

Dopo



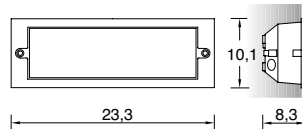
350A-G05X1A-01

350A-G05X1A-02

E27 LED 6W

E27 LED 9W

E27 Cmpct 20W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)

XALOC

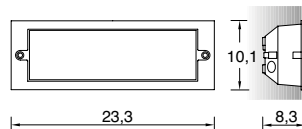


350C-G05X1A-30

E27 LED 6W

E27 LED 9W

E27 Cmpct 20W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)

XALOC

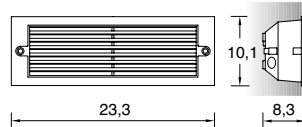


350D-G05X1A-30

E27 LED 6W

E27 LED 9W

E27 Cmpct 20W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

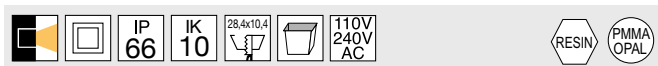
(Pag. 220)



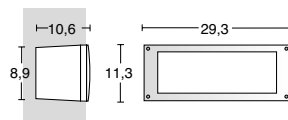


DEVON

Dopo



- 084A-G31X2A-01
- 084A-G31X2A-02
- 084A-G31X2A-03



GX53 T2 LED 2x 3W-4W-6W 3000K-4000K

LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

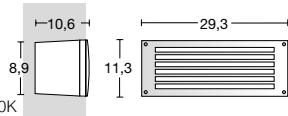
(Pag. 222)



DEVON



- 084B-G31X2A-02
- 084B-G31X2A-03



GX53 T2 LED 2x 3W-4W-6W 3000K-4000K

LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

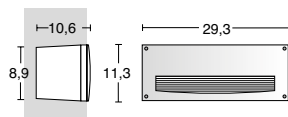
(Pag. 222)



DEVON



- 084C-G31X2A-01
- 084C-G31X2A-02
- 084C-G31X2A-03



GX53 T2 LED 2x 3W-4W-6W 3000K-4000K




LED T2 GX53

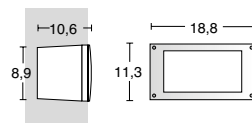
	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

(Pag. 222)

DEVON





084G-G31X1A-01 
 084G-G31X1A-02 
 084G-G31X1A-03 



GX53  T2 LED 3W-4W-6W 3000K-4000K

LED T2 GX53

	378A-L3103A-01 3W 350lm 3000K
	378A-L3103A-02 3W 350lm 4000K
	378A-L3104A-01 4W 300lm 3000K
	378A-L3106A-01 6W 500lm 3000K
	378A-L3106A-02 6W 500lm 4000K




(Pag. 222)

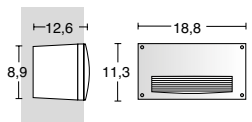


Dopo

DEVON





084I-G31X1A-01 
 084I-G31X1A-02 
 084I-G31X1A-03 



GX53  T2 LED 3W-4W-6W 3000K-4000K

LED T2 GX53

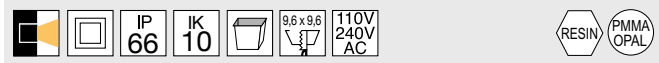
	378A-L3103A-01 3W 350lm 3000K
	378A-L3103A-02 3W 350lm 4000K
	378A-L3104A-01 4W 300lm 3000K
	378A-L3106A-01 6W 500lm 3000K
	378A-L3106A-02 6W 500lm 4000K

(Pag. 222)



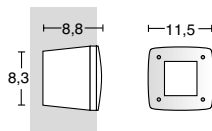
DEVON

Dopo



- 084A-G31X1A-01
- 084A-G31X1A-02
- 084A-G31X1A-03

GX53 T2 LED 3W-4W-6W 3000K-4000K



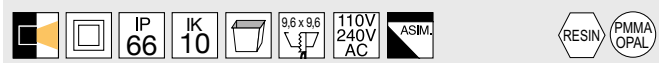
LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

(Pag. 222)

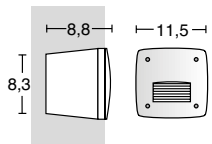


DEVON



- 084C-G31X1A-01
- 084C-G31X1A-02
- 084C-G31X1A-03

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

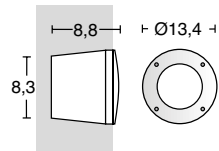
(Pag. 222)

DEVON



- 084D-G31X1A-01
- 084D-G31X1A-02
- 084D-G31X1A-03

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

(Pag. 222)



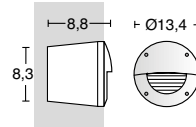
Dopo

DEVON



- 084F-G31X1A-01
- 084F-G31X1A-02
- 084F-G31X1A-03

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

(Pag. 222)



SYNA

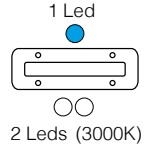
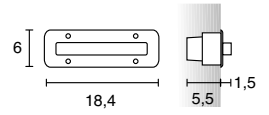
Dopo



350mA DC		LED		INOX AISI 304		TECNO POLIM		PC TRANS		

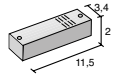
305A-L9804H-30

LED 3W 3000K (☺)



Transformador / Transformer / Transformateur / Transformador

	B02A-X3315H-01 15W/350mA (max 4 lamps)
	B02A-X33X2H-01 10W/350mA (max 2 lamps)



(Pag. 225)

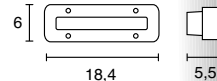


SYNA



305B-L0104H-30

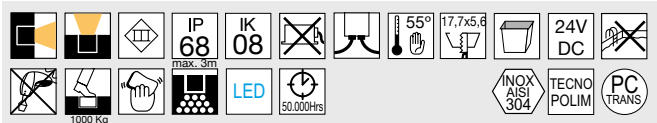
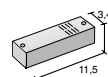
LED 3W 300 lm 3000K



Transformador / Transformer / Transformateur / Transformador

	B02A-X3315H-01 15W/350mA (max 4 lamps)
	B02A-X33X2H-01 10W/350mA (max 2 lamps)

(Pag. 225)

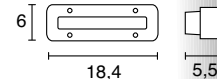


SYNA



305C-L0102F-30

LED 1W 3500K



305C-L1002F-30

LED 1W



Transformadores / Transformers / Transformateurs / Transformadores

	B02A-X33X2F-01 IP 40 230/24V DC 10W (max 7 lamps)
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	B02Q-X3312F-01 IP 30 230/24V DC 12W (max 6 lamps)
--	---

(Pag. 225)





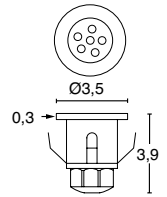
ROMA

Dopo

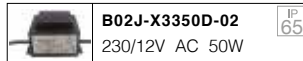


367A-L03E1D-30

LED 6x0,1W 6000K

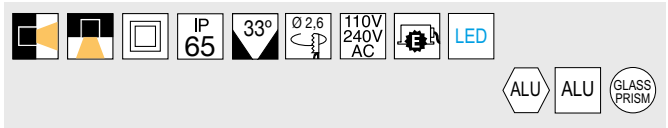


Transformador / Transformer / Transformateur / Transformador



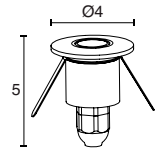
(Pag. 225)

DONISI



546A-L0101A-30

LED 1W 72lm 3000K



Posibilidad de añadir filtros de colores (no incluidos).
Possibility to add colour filters (not included).
On peut s'ajouter filtres à couleurs (non inclus).
Possibilidade de adicionar filtros de cores (no incluido).





INEL

Dopo

NEW



110V
240V
AC



LED
CREE

ALU

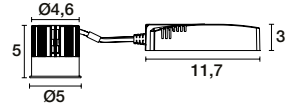
ALU

GLASS
TRANS



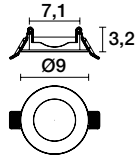
609A-L0109A-03

LED 8,5W 700lm 3000K



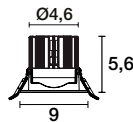
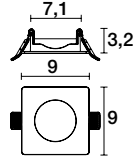
IP 65 Ø7cm

A13A-631-01



IP 65 Ø7cm

A13B-631-01



609A-L0109A-03 + A13B-631-01





GLASS

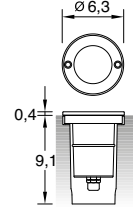
Dopo

		IP 67							11°	220V 240V AC		
	LED			2000 Kg a 25 Km/h						INOX AISI 304	ALU	GLASS TRANS




031A-L0301B-30


LED 1W 6000K

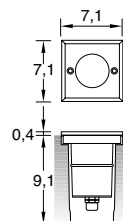


GLASS



031B-L0301B-30 

LED  1W 6000K



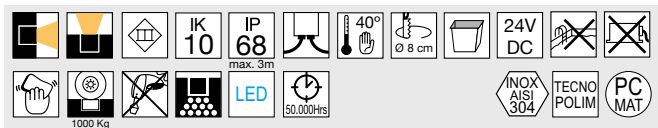
Dopo







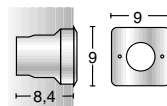
NAT-LED



Dopo




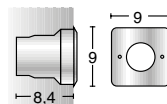
213A-L0102F-30  

LED  1,5W max. 3500K

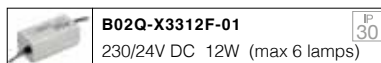
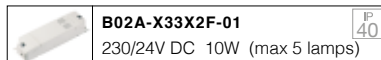


213A-L1002F-30  

LED  1,5W max.

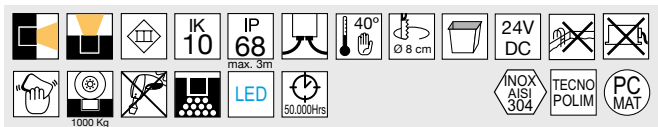




Transformadores / Transformers / Transformateurs / Transformadores



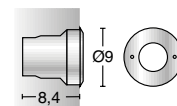
(Pag. 225)



NAT-LED




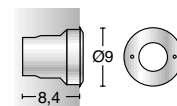
213B-L0102F-30  

LED  1,5W max. 3500K

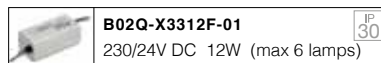
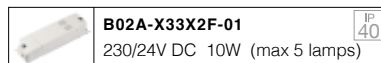


213B-L1002F-30  

LED  1,5W max.



Transformadores / Transformers / Transformateurs / Transformadores



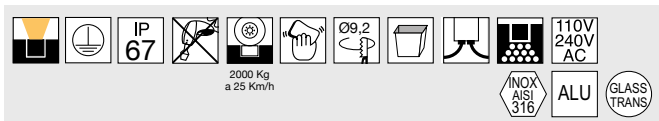
(Pag. 225)





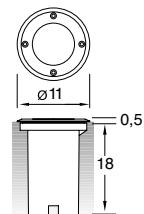
BORA

Dopo



037A-G21X1A-30

- GU10 LED 4,5W - 7W max.
- GU10 PAR16 50W max.



Doble posición del portalámparas.
Double positioning of the lamp holder.
Double position de la douille.
Dupla posição del casquilho.

NEW LED PRO GU10 4,5W 300lm

	378A-L2105A-01	3000K
	378A-L2105A-02	4000K

LED PRO GU10 7W 550lm

	369B-L2107A-01	3000K
	369B-L2107A-02	4000K

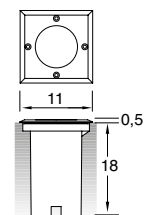
(Pag. 221)

BORA



037B-G21X1A-30

- GU10 LED 4,5W - 7W
- GU10 PAR16 50W max.



Doble posición del portalámparas.
Double positioning of the lamp holder.
Double position de la douille.
Dupla posição del casquilho.

NEW LED PRO GU10 4,5W 300lm

	378A-L2105A-01	3000K
	378A-L2105A-02	4000K

LED PRO GU10 7W 550lm

	369B-L2107A-01	3000K
	369B-L2107A-02	4000K

(Pag. 221)





BORA LED

Dopo

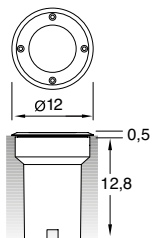


NEW



037A-L02D1B-30

LED 3W 175lm 4000K

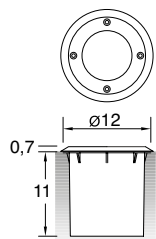


CALIMA



041A-L0301B-30

LED 1W 6000K

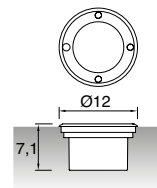


SIO



379A-G31X1A-30

GX53 T2 LED 3W-4W-6W 3000K-4000K



Dopo

LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

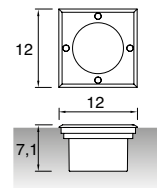
(Pag. 222)

SIO



379B-G31X1A-30

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

(Pag. 222)



LOO

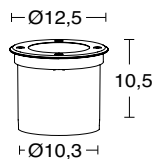
Dopo

NEW

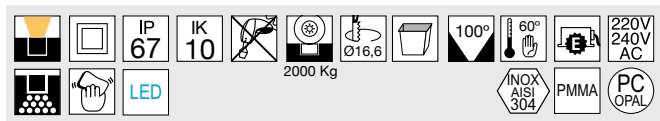


183A-L0206A-30

LED 6W 416lm 4000K

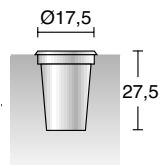


WALKER

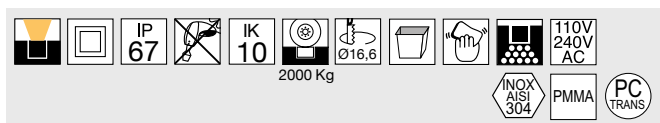


349A-L0107B-30

LED 6,5W 650lm 3000K

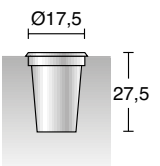


WALKER



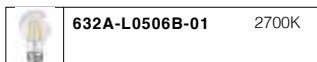
349A-G05X1A-30

E27 LED 6W
E27 LED 9W
E27 Cmpct 23W max.

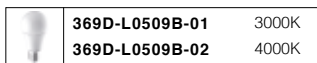


Incorpora un cristal matizado interno.
Incorporates internal frosted glass lens.
Verre trempé interne incorporé.
Inclui um vidro interno fosco.

LED FILAMENT E27 6W 600 lm

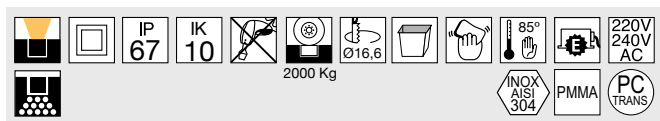


LED PRO E27 9W 806 lm



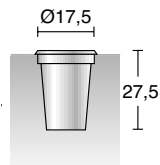
(Pag. 220)

WALKER



349A-F1318B-30

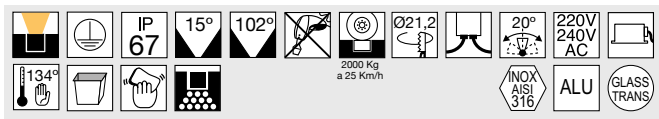
G24 q2 TC-DE 18W





LIBECCIO

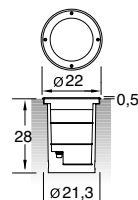
Dopo



178A-M0770B-30

G12 HIT 70W

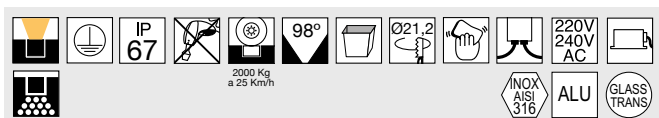
Incluye 2 reflectores
2 reflectors included
2 réflecteurs incluse
2 refelctors incluidos



15° Reflector facetado
Faceted reflector.
Réflecteur à facettes
Refelctor os facetas

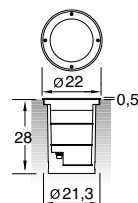
102° Reflector matizado
Frosted reflector
Réflecteur teinté
Refelctor os fosco

LIBECCIO



178A-F1226B-30

G24 d3 TC-D 26W

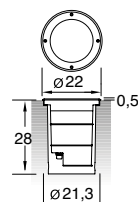


LIBECCIO



178A-L98D7B-30

LED 9x1W 4100° K







LIBECCIO

Dopo



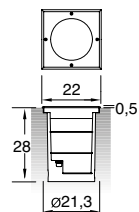
178B-M0770B-30

G12 HIT 70W

Incluye 2 reflectores
2 reflectors included
2 réflecteurs inclus
2 refletores incluidos

15° Reflector facetado
Faceted reflector.
Réflecteur à facettes
Refletor os facetas

102° Reflector matizado
Frosted reflector
Réflecteur teinté
Refletor os fosco



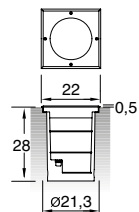
LIBECCIO



178B-F1226B-30

G24 d3 TC-D 26W

Incluye 2 reflectores
2 reflectors included
2 réflecteurs inclus
2 refletores incluidos

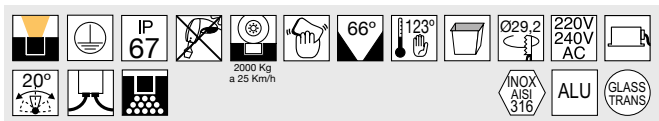






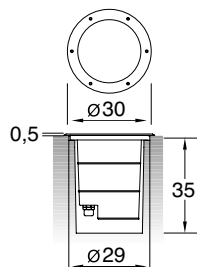
MONSOON

Dopo

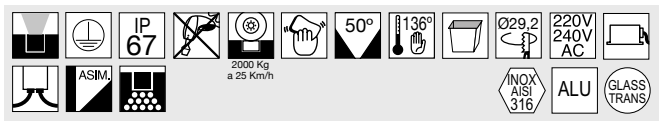


211A-M36A4B-30

RX7s HIT-DE 150W

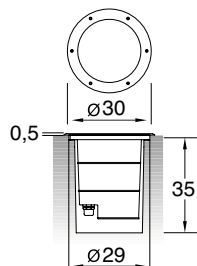


MONSOON



211B-M36A4B-30

RX7s HIT-DE 150W







ARLET

Dopo

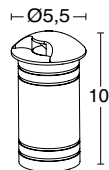


NEW

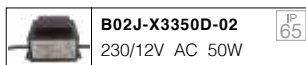


644A-L0203D-03

LED 3W 300lm 4000K



Transformador / Transformor / Transformateur / Transformador



(Pag. 225)

ARLET

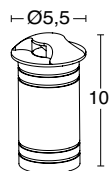


NEW

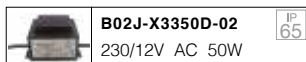


644B-L0203D-03

LED 3W 300lm 4000K



Transformador / Transformor / Transformateur / Transformador



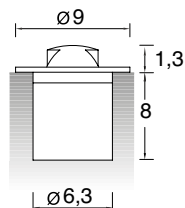
(Pag. 225)

CHERGUI



048B-L0301B-30

LED 1W 6000K

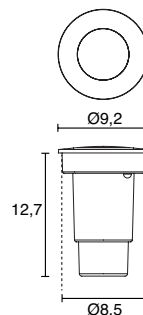


BELGRADO-9




557A-G21X1A-02 ■

GU10 LED 4,5W 300lm 3000K / 4000K

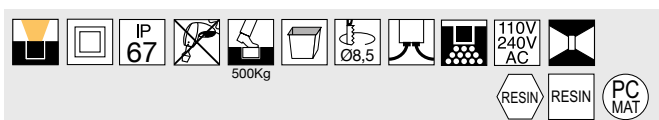


NEW LED PRO GU10 4,5W 300 lm

	578A-L2105A-01	3000K
	578A-L2105A-02	4000K

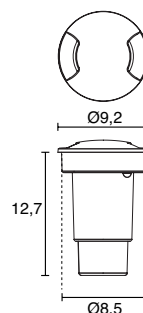
(Pag. 221)

BELGRADO-9




557B-G21X1A-02 ■

GU10 LED 4,5W 300lm 3000K / 4000K



NEW LED PRO GU10 4,5W 300 lm

	578A-L2105A-01	3000K
	578A-L2105A-02	4000K

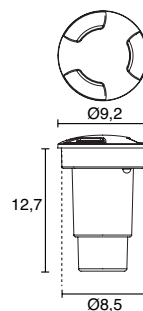
(Pag. 221)

BELGRADO-9




557C-G21X1A-02 ■

GU10 LED 4,5W 300lm 3000K / 4000K



NEW LED PRO GU10 4,5W 300 lm

	578A-L2105A-01	3000K
	578A-L2105A-02	4000K

(Pag. 221)



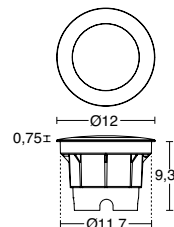
BELGRADO-12

Dopo



373A-G31X1A-02 ■

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

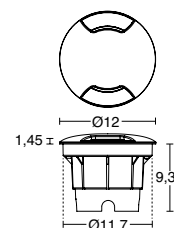
(Pag. 222)

BELGRADO-12



373B-G31X1A-02 ■

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

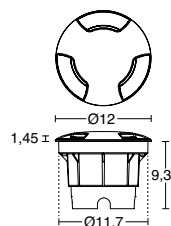
(Pag. 222)

BELGRADO-12



373C-G31X1A-02 ■

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

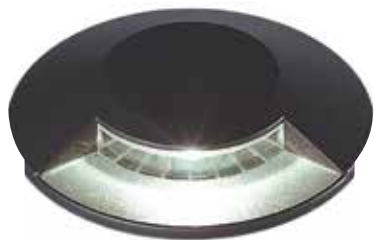
(Pag. 222)





MARTINA

Dopo

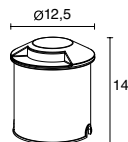


NEW



645A-L0207A-04 ■

LED 7W 67lm 4000K



MARTINA

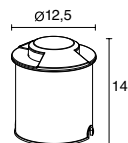


NEW



645B-L0207A-04 ■

LED 7W 135lm 4000K



ETESIOS



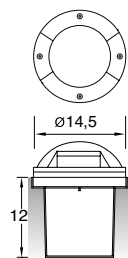
↓ **100D-G31X1A-02** ■

GX53 T2 LED 3W-4W-6W 3000K-4000K



↓ **100D-L98B4B-02** ■

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

(Pag. 222)





**BALIZAS
BOLLARDS
BORNES
ELEMENTOS BALIZADORES**



NURE

Dopo

NEW



IP 65

220V / 240V AC



300°



LED

27.000h


46°




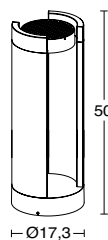
ALU

GLASS TRANS



639A-L0215B-01 

LED  15W 417 lm 4000K







CAIRO

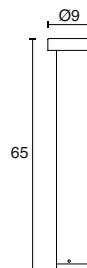
Dopo



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537B-L0107A-04

LED 7W 196 lm 3000K



pag. 33

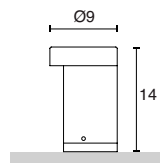
CAIRO



--	--	--	--	--	--	--	--	--	--

537A-L0107A-04

LED 7W 196 lm 3000K



pag. 33





DACIO

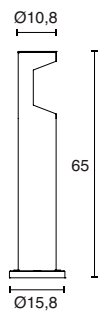
Dopo



		IP 54	110V/ 240V AC		LED CREE	ALU	GLASS TRANS
--	--	----------	---------------------	--	-------------	-----	----------------

553A-L0108A-04 ■

LED 8W 800 lm 3000K



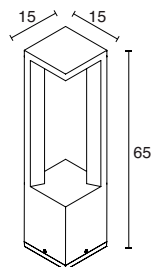
ADRANO



		IP 54	110V/ 240V AC		LED CREE	ALU	GLASS TRANS
--	--	----------	---------------------	--	-------------	-----	----------------

552A-L0108A-04 ■

LED 8W 800 lm 3000K

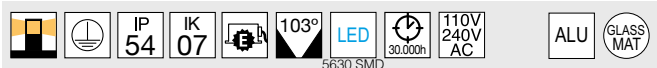






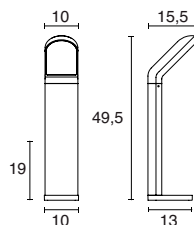
CASTELLO

Dopo



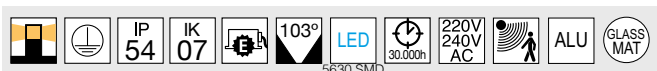
534B-L0109A-01
534B-L0109A-04

LED 9W 640 lm 3000K



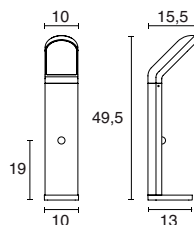
pag. 16

CASTELLO



534D-L0109B-01
534D-L0109B-04

LED 9W 640 lm 3000K




Con sensor crepuscular y movimiento.

With daylight and motion sensor.

Avec senseur crépusculaire et mouvement.

Con sensor crepuscular e movimento.

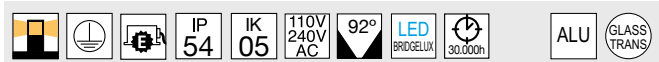




<p>Regulación de:</p> <ul style="list-style-type: none"> - Distancia: 0 > 8 m. - Tiempo de activación: de 5 seg. a 8 min. - Intensidad de la luz: 10 - 2000lux - Ángulo de detección: 100° <p>Adjustable:</p> <ul style="list-style-type: none"> - Distance: 0 > 8 m. - Activation time: from 5 sec. to 8 min. - Light intensity: 10 - 2000lux - Detection angle: 100° 	<p>Règlement:</p> <ul style="list-style-type: none"> - Distance: 0 > 8 m. - Temps d'activation: de 5 sec à 8 min. - Intensité de la lumière: 10 - 2000lux - Angle de détection: 100° <p>Regulação de:</p> <ul style="list-style-type: none"> - Distância: 0 > 8 m. - Tempo de ativação: de 5s a 8 min - Intensidade luminosa: 10 - 2000lux - Ângulo de deteção: 100°
--	--




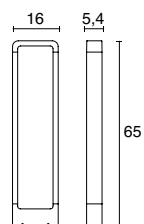
pag. 16

SIBILA



NEW 455A-L0105A-01 
455A-L0105A-04 

LED  5W 450 lm 3000K



Dopo





GUIU

Dopo



IP
54

110V
240V
AC



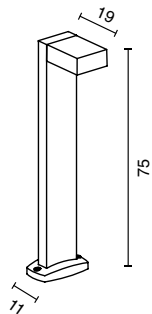
ALU

GLASS
TRANS





447A-G31X1A-04 ■

GX53  T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01	3W	350lm	3000K
	378A-L3103A-02	3W	350lm	4000K
	378A-L3104A-01	4W	300lm	3000K
	378A-L3106A-01	6W	500lm	3000K
	378A-L3106A-02	6W	500lm	4000K

(Pag. 222)



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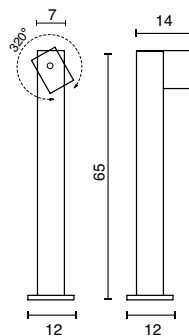


SUEVIS



452A-L0107A-04 ■

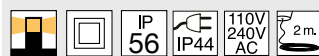
LED 1x7W 540 lm 3000K





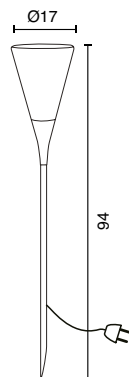
FUNEL

Dopo



457A-G05X1A-04 ■

E27 Cmpct 23W max.



Base + conector
Base + connection
Base + connecteur
Base + conector





B11A-X33X2A-04

IP 56

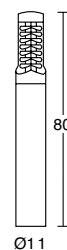


ARUBA



020A-F1426B-02 
020A-F1426B-03 

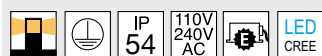
G24 q3  TC-DE 26W







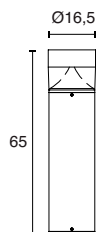
BINDELLA

Dopo



554A-L0108A-04 

LED  8W 800 lm 3000K



ADA



IP
54




110V
240V
AC

LED
CREE

ALU

PC
OPAL



456A-L0106A-04 

LED  6x1W 660 lm 3000K



Dopo





NATAN

Dopo



IP
54

110V
240V
AC

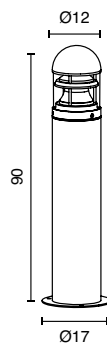
ALU

PC
TRANS



448A-G05X1A-04 ■

E27  Cmpct 20W max.

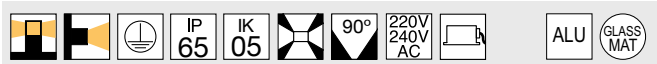






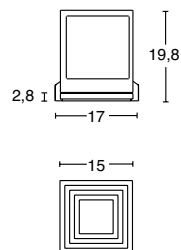
ANUBIS

Dopo



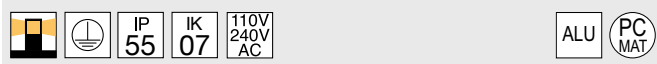
- 014A-F2626B-03
- 014A-F2626B-04
- 014A-F2626B-90

GX24 d3 TC-T 26W



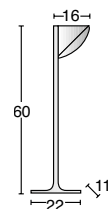
pag. 44

INTRO



- 153D-G31X1A-02
- 153D-G31X1A-03

GX53 T2 LED 3W-4W-6W 3000K-4000K



LED T2 GX53

	378A-L3103A-01 3W 350lm 3000K
	378A-L3103A-02 3W 350lm 4000K
	378A-L3104A-01 4W 300lm 3000K
	378A-L3106A-01 6W 500lm 3000K
	378A-L3106A-02 6W 500lm 4000K

(Pag. 222)



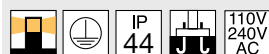
pag. 70





SEUL

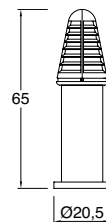
Dopo



↓ 281A-G05X1A-03

↓ 281A-G05X1A-04

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm



632A-L0506B-01 2700K

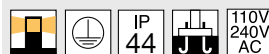
LED PRO E27 9W 806 lm



369D-L0509B-01 3000K
369D-L0509B-02 4000K

(Pag. 220)

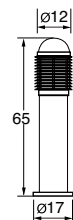
SIROCO



286A-G05X1A-03

286A-G05X1A-04

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 14W max.



LED FILAMENT E27 6W 600 lm



632A-L0506B-01 2700K

LED PRO E27 9W 806 lm



369D-L0509B-01 3000K
369D-L0509B-02 4000K

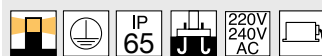
(Pag. 220)





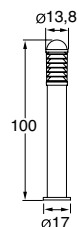
SIMUN

Dopo

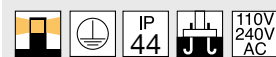


285A-F1226B-03
285A-F1226B-04

G24 d3 TC-D 26W

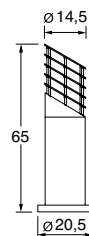


JASMIN



159A-G05X1A-03
159A-G05X1A-04

E27 LED 6W
E27 LED 9W
E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)





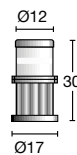
OMO

Dopo



- 228A-G05X1A-01
- 228A-G05X1A-02
- 228A-G05X1A-04
- 228A-G05X1A-05
- 228A-G05X1A-91

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

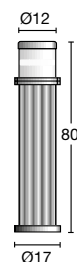
(Pag. 220)

OMO



- 228D-G05X1A-01
- 228D-G05X1A-02
- 228D-G05X1A-04
- 228D-G05X1A-05
- 228D-G05X1A-91

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

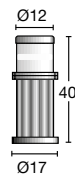
(Pag. 220)

OMO



- 228B-G05X1A-01
- 228B-G05X1A-02
- 228B-G05X1A-04
- 228B-G05X1A-05
- 228B-G05X1A-91

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



Dopo

LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

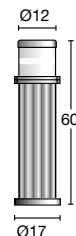
(Pag. 220)

OMO



- 228C-G05X1A-01
- 228C-G05X1A-02
- 228C-G05X1A-04
- 228C-G05X1A-05
- 228C-G05X1A-91

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
--	-----------------------	-------

LED PRO E27 9W 806 lm

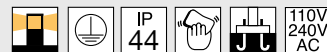
	369D-L0509B-01	3000K
	369D-L0509B-02	4000K

(Pag. 220)



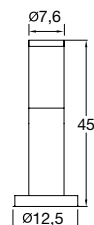
ABREGO

Dopo

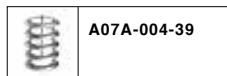


003B-G05X1A-30

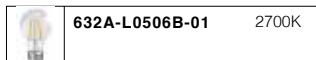
- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 11W max.



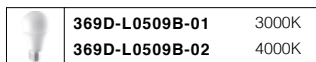
Lamas / Reflector / Louvres / Lamas



LED FILAMENT E27 6W 600 lm



LED PRO E27 9W 806 lm



(Pag. 220)



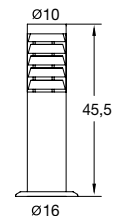
pag. 87

GALERNA

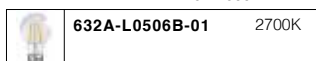


117B-G05X1A-30

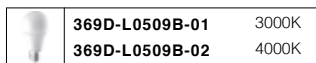
- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm



LED PRO E27 9W 806 lm



(Pag. 220)



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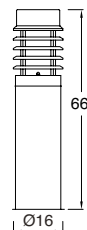
TRIPI

Dopo

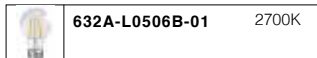


328A-G05X1A-30

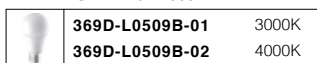
- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 15W max.



LED FILAMENT E27 6W 600 lm

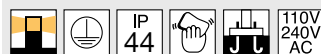


LED PRO E27 9W 806 lm



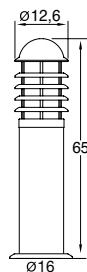
(Pag. 220)

LEVECHE

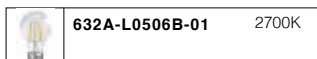


177A-G05X1A-30

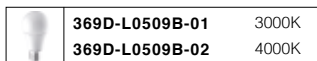
- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 15W max.



LED FILAMENT E27 6W 600 lm



LED PRO E27 9W 806 lm



(Pag. 220)



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GLOU

Dopo

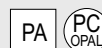


129E-G05X1A-02 ■

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 15W max.



GLOU

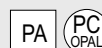


129F-G05X1A-02 ■

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 23W max.



GLOU

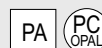


129G-G05X1A-02 ■

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 30W max.



GLOU

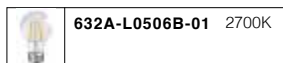


129H-G05X1A-02 ■

- E27 LED 6W
- E27 LED 9W
- E27 Cmpct 30W max.

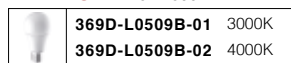


LED FILAMENT E27 6W 600 lm



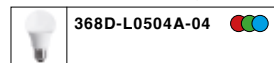
(Pag. 220)

LED PRO E27 9W 806 lm



(Pag. 220)

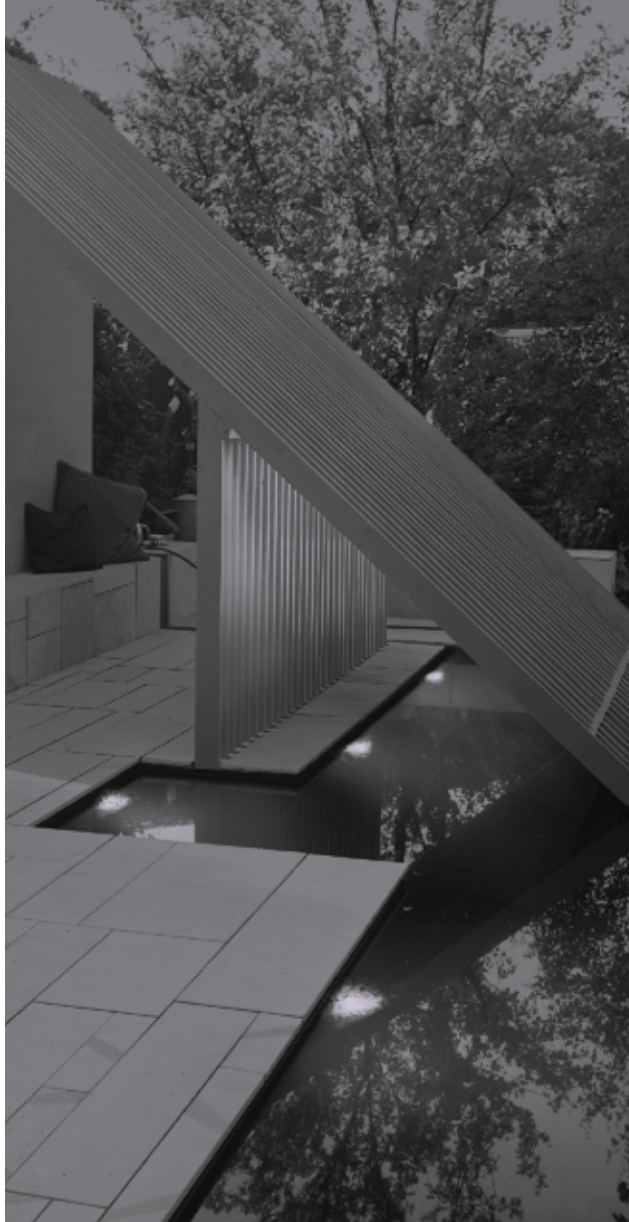
LED ECO RGB E27 3,7W 55 lm



(Pag. 220)





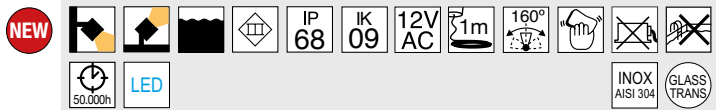


PROYECTORES Y PIQUETAS
FLOODLIGHTS AND SPIKES
PROJECTEURS ET PIQUETS
PROJETORES E PIQUETS



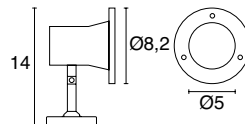
SEDNA

Dopo

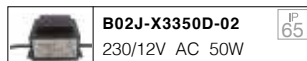


642A-L0203D-30

LED 3W 250 lm 4000K

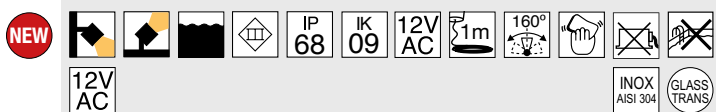


Transformador / Transformer / Transformateur / Transformador



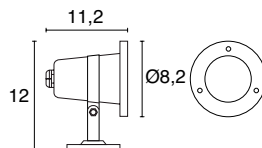
(Pag. 225)

SEDNA

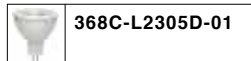


642A-G23X1D-30

GU5,3 QR-CB 35W max.
GU5,3 LED 4W 300lm 3000K

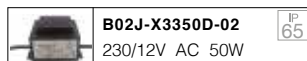


LED ECO GU5,3 4W 3000K 300lm



(Pag. 221)

Transformador / Transformer / Transformateur / Transformador



(Pag. 225)





BARNI

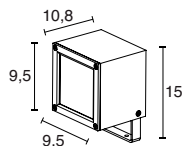
Dopo

			IP 65		37°		90°		20cm	LED		110V 240V AC
ALU												



551A-L0109A-04 ■

LED 9W 541 lm 3000°K



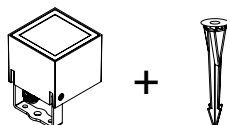
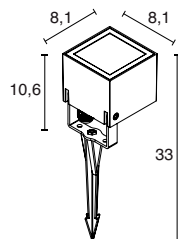
BARNI

			IP 65		28°		90°		20cm	LED		110V 240V AC
ALU												



551B-L0108A-04 ■

LED 8W 430 lm 3000°K

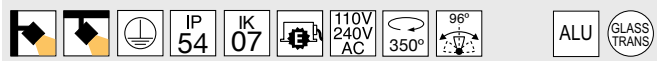






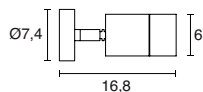
ABADIA

Dopo



538A-G21X1A-04 ■

GU10 LED 4,5W - 7W
GU10 PAR16 35W max.



NEW LED PRO GU10 4,5W 300lm

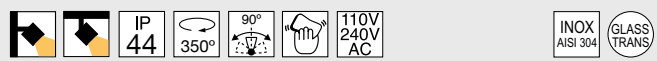
	378A-L2105A-01	3000K
	378A-L2105A-02	4000K

LED PRO GU10 7W 550lm

	369B-L2107A-01	3000K
	369B-L2107A-02	4000K

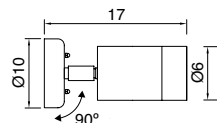
(Pag. 221)

STAN



297B-G21X1A-30 ■

GU10 LED 4,5W - 7W
GU10 PAR16 35W max.



NEW LED PRO GU10 4,5W 300lm

	378A-L2105A-01	3000K
	378A-L2105A-02	4000K

LED PRO GU10 7W 550lm

	369B-L2107A-01	3000K
	369B-L2107A-02	4000K

(Pag. 221)



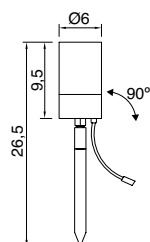
pag. 88

KOBE



172A-G21X1A-30 ■

GU10 LED 4,5W - 7W
GU10 PAR16 35W max.



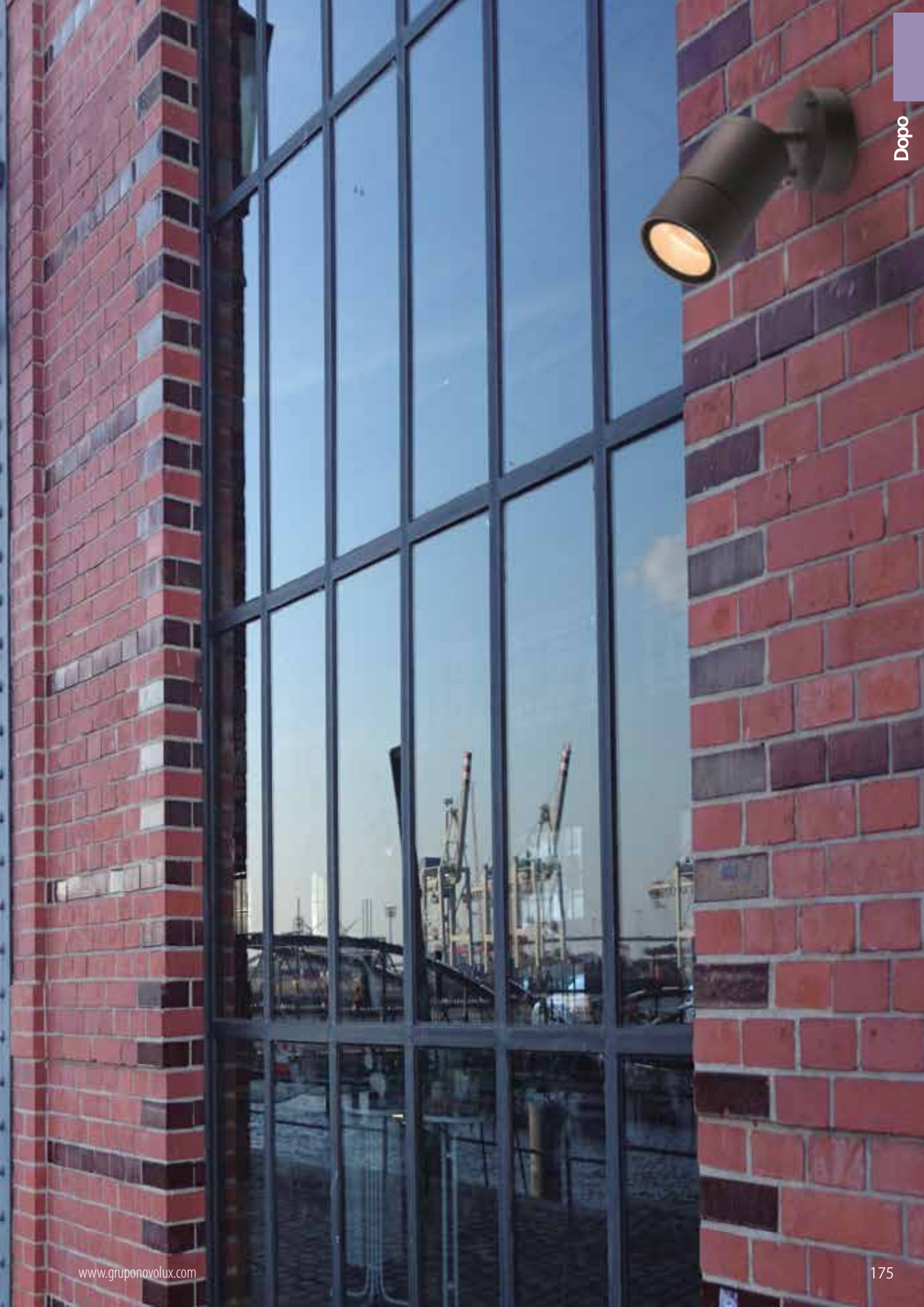
NEW LED PRO GU10 4,5W 300lm

	378A-L2105A-01	3000K
	378A-L2105A-02	4000K

LED PRO GU10 7W 550lm

	369B-L2107A-01	3000K
	369B-L2107A-02	4000K

(Pag. 221)





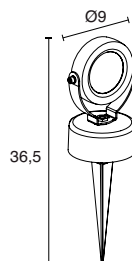
CATANIA

Dopo

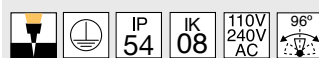


482A-L0107A-04 ■

LED 7W 519 lm 3000K

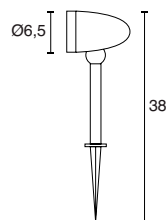


ARAMO



539A-G21X1A-04 ■

GU10  LED 4,5W - 7W
 GU10  PAR16 35W max.



NEW LED PRO GU10 4,5W 300lm



378A-L2105A-01 3000K
378A-L2105A-02 4000K

LED PRO GU10 7W 550lm




369B-L2107A-01 3000K
369B-L2107A-02 4000K

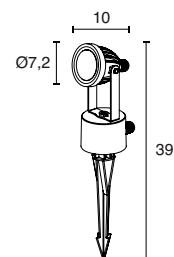
(Pag. 221)

DRO



542A-L0107A-04 ■

LED  7W 415 lm 3000K





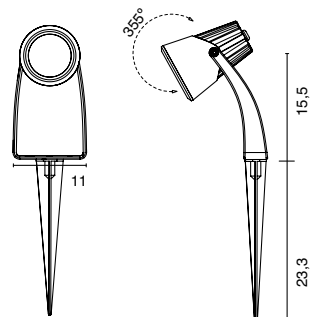
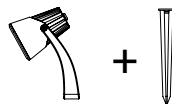
GERONIMO

Dopo




463A-G21X1A-02 ■


GU10  LED 4,5W - 7W



NEW LED PRO GU10 4,5W 300lm

	378A-L2105A-01	3000K
	378A-L2105A-02	4000K

LED PRO GU10 7W 550lm

	369B-L2107A-01	3000K
	369B-L2107A-02	4000K

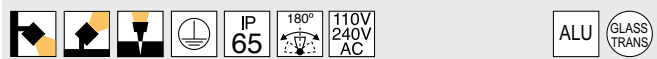
(Pag. 221)





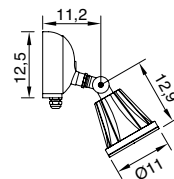
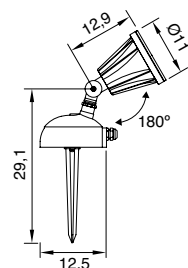
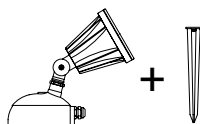
SENDAI

Dopo



279A-G21X1A-02 ■
279A-G21X1A-03 ■

GU10 LED 4,5W - 7W
GU10 PAR16 50W max.



NEW LED PRO GU10 4,5W 300lm



378A-L2105A-01 3000K
378A-L2105A-02 4000K

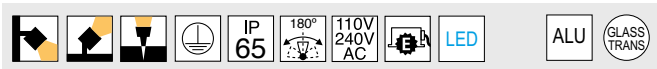
LED PRO GU10 7W 550lm



369B-L2107A-01 3000K
369B-L2107A-02 4000K

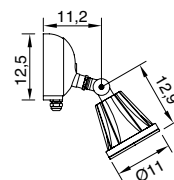
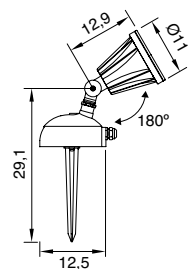
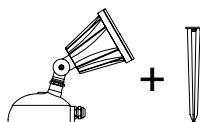
(Pag. 221)

SENDAI



↘ **279A-L98D1B-03** ■

LED 3x1W

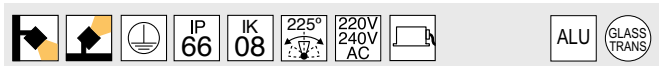






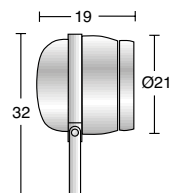
CICLO

Dopo

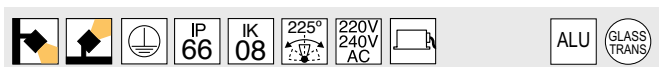


050A-M3670B-03

RX7s HIT-DE 70W

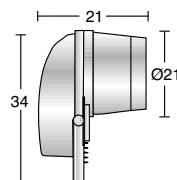


CICLO

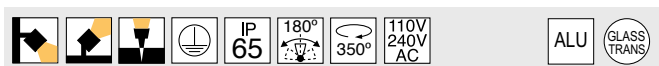


050B-M36A4B-03

RX7s HIT-DE 150W



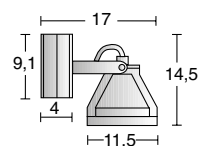
ZED



356A-G21X1A-02
356A-G21X1A-03

GU10 LED 4,5W - 7W

GU10 PAR16 35W max.



Piqueta / Spike / Piquets / Piquet



NEW LED PRO GU10 4,5W 300lm

378A-L2105A-01 3000K
378A-L2105A-02 4000K

LED PRO GU10 7W 550lm

369B-L2107A-01 3000K
369B-L2107A-02 4000K

(Pag. 221)






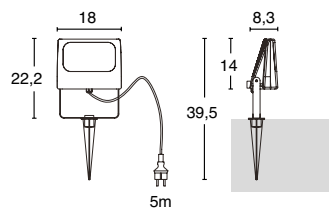
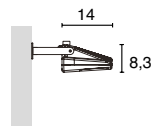
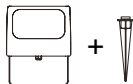
BERLIN

Dopo



364A-L02D9B-03 

LED  8x3W 993 lm 4100°K

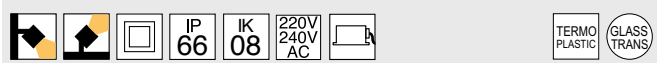






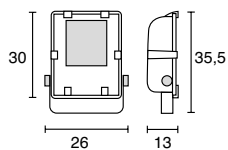
NISO

Dopo



221A-M3670B-02 ■

RX7s  HIT-DE 70W

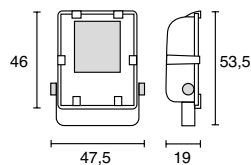


NISO



221C-S06A8B-02 ■

E40  HST 400W







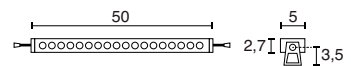
CLADERA

Dopo



525A-L0122F-30

LED 22W 1260 lm 3000K

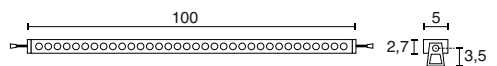


525A-L0222F-30

LED 22W 1380 lm 4000K

525B-L0145F-30

LED 45W 2100 lm 3000K



525B-L0245F-30

LED 45W 2200 lm 4000K

Transformador / Transformer / Transformateur / Transformador

	B020-X3340F-39	40W	1 lum. max. (525A)
	B020-X3380F-39	80W	3 lum. max. (525A) 1 lum. max. (525B)
	B020-X33A1F-39	100W	4 lum. max. (525A) 2 lum. max. (525B)
	B020-X33A4F-39	150W	6 lum. max. (525A) 3 lum. max. (525B)

(Pag. 225)



CLADERA RGB

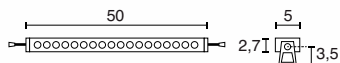


Dopo



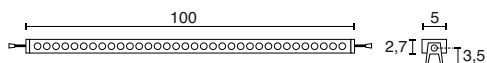
525A-L0422F-30

LED 22W



525B-L0445F-30

LED 45W



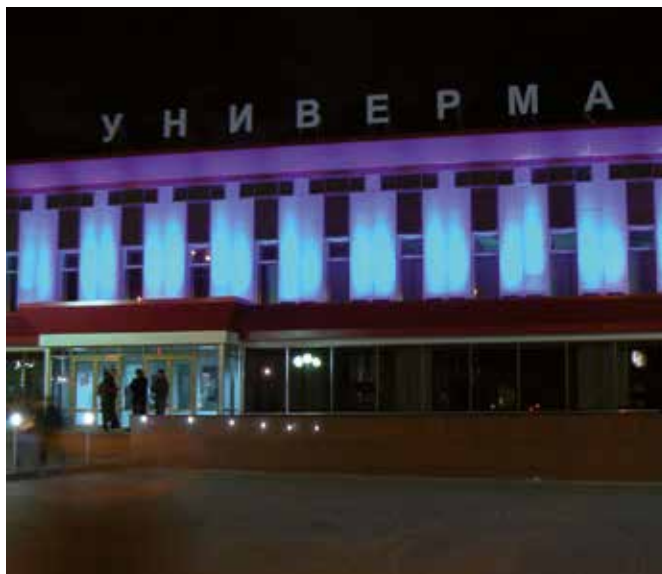
Transformador / Transformer / Transformateur / Transformador

	IP 65	B02O-X3340F-39 40W 1 lum. max. (525A)
		B02O-X3380F-39 80W 3 lum. max. (525A) 1 lum. max. (525B)
		B02O-X33A1F-39 100W 4 lum. max. (525A) 2 lum. max. (525B)
	IP 67	B02O-X33A4F-39 150W 6 lum. max. (525A) 3 lum. max. (525B)

(Pag. 225)

Sistema de Control RGB / RGB Control System
Système de Contrôle RGB / Sistema de Controlo RGB

	B05D-X33X2F-01
	6 lum. max. (525A) 3 lum. max. (525B)
	IP 65
	16 COLORS







CLÁSICO RESIDENCIAL
CLASSIC RESIDENTIAL
CLASSIQUE RÉSIDENTIEL
CLÁSSICO RESIDENCIAL



ROB

pág. 196-200

Dopo



ARCO

pág. 201





PIN

pág. 202-204

Dopo



BAMBO

pág. 205





CAM

pág. 206-207

Dopo



DELTA

pág. 208-209





ALIA

pág. 210-211

Dopo



CAST

pág. 211-213





ROB

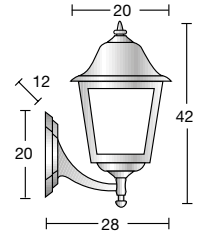
Dopo



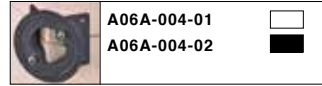
ALU

- 264C-G05X1A-01 GLASS MAT
 264C-G05X1A-02 GLASS MAT
 264D-G05X1A-01 GLASS TRANS
 264D-G05X1A-02 GLASS TRANS

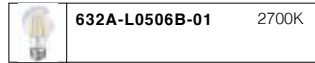
- E27 LED 6W
 E27 HAL 105W
 E27 Cmpct 23W max.



Adaptador de esquina / Corner adaptor
 Adaptateur d'angle / Adaptador de esquina



LED FILAMENT E27 6W 600 lm



(Pag. 220)

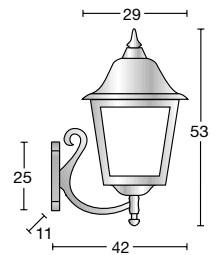
ROB



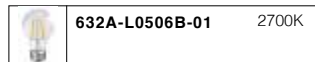
ALU

- 264E-G05X1A-02 GLASS MAT
 264F-G05X1A-02 GLASS TRANS

- E27 LED 6W
 E27 HAL 105W
 E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm



(Pag. 220)

ROB



ALU

264A-G05X1A-01 GLASS MAT
 264A-G05X1A-02 GLASS MAT

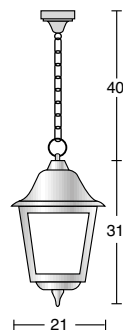
264B-G05X1A-01 GLASS TRANS
 264B-G05X1A-02 GLASS TRANS

E27 LED 6W
 E27 HAL 105W
 E27 Cmpct 23W max.

LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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(Pag. 220)



Dopo

ROB



ALU

264G-G05X1A-01 GLASS MAT
 264G-G05X1A-02 GLASS MAT

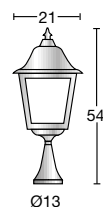
264H-G05X1A-01 GLASS TRANS
 264H-G05X1A-02 GLASS TRANS

E27 LED 6W
 E27 HAL 105W
 E27 Cmpct 23W max.

LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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(Pag. 220)



ROB



ALU

264I-G05X1A-02 GLASS MAT

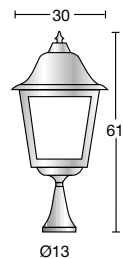
264J-G05X1A-02 GLASS TRANS

E27 LED 6W
 E27 HAL 105W
 E27 Cmpct 30W max.

LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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(Pag. 220)





ROB

Dopo



ALU

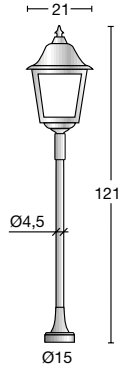
264K-G05X1A-01
264K-G05X1A-02



264L-G05X1A-01
264L-G05X1A-02



- E27 LED 6W
- E27 HAL 105W
- E27 Cmpct 23W max.

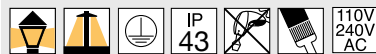


LED FILAMENT E27 6W 600 lm



(Pag. 220)

ROB



ALU

Dopo

264M-G05X1A-01
264M-G05X1A-02



264N-G05X1A-01
264N-G05X1A-02



264O-G05X1A-01
264O-G05X1A-02



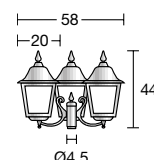
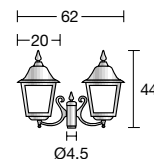
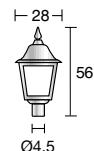
264P-G05X1A-01
264P-G05X1A-02



264Q-G05X1A-01
264Q-G05X1A-02

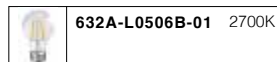


264R-G05X1A-01
264R-G05X1A-02



- E27 LED 6W
- E27 HAL 105W
- E27 Cmpct 23W max.

LED FILAMENT E27 6W 600 lm



(Pag. 220)

POSTES / POSTS / POSTEAUX / POSTES

C01A-11-01
C01A-11-02



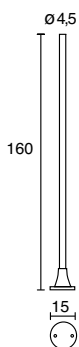
C07A-11-01
C07A-11-02



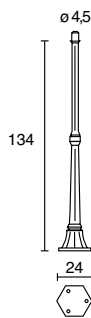
C07B-12-01
C07B-12-02



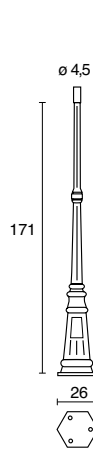
C07C-12-01
C07C-12-02



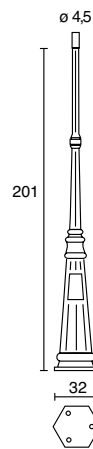
C01A-11-01
C01A-11-02



C07A-11-01
C07A-11-02



*
C07B-12-01
C07B-12-02



**
C07C-12-01
C07C-12-02

264Q-G05X1A-02
+
C07C-12-02

264N-G05X1A-02
+
C01A-11-02

264M-G05X1A-01
+
C07B-12-01

Anclaje empotrado opcional.
Optional recessed anchor.
Anclage encastré optionnel.
Fixação encastrada opcional.



A02A-004-00*
A02B-004-00**
A02C-004-00***

Incremento de altura / Height extension
Augmentation de hauteur / Extensão da altura



A08A-C07-01
A08A-C07-02

40 cm.



ROB

Dopo



264U-G05X1A-02
+
C07F-42-02

264W-G05X1A-02
+
C07F-42-02

			IP 43			110V 240V AC	ALU
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264S-G05X1A-02

264T-G05X1A-02

264U-G05X1A-02

264V-G05X1A-02

264W-G05X1A-02

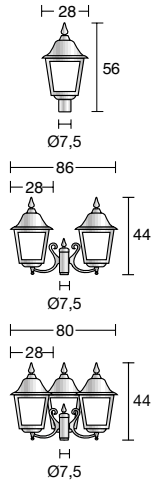
264X-G05X1A-02

- E27 LED 6W
- E27 HAL 105W
- E27 Cmpct 23W max.

LED FILAMENT E27 6W 600lm

	632A-L0506B-01	2700K
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(Pag. 220)

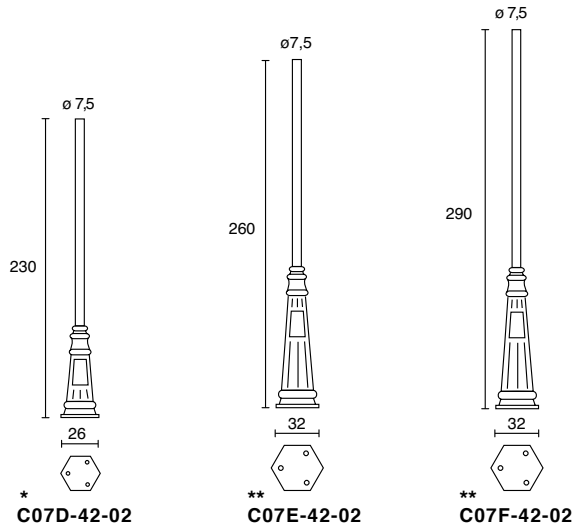


POSTES / POSTS / POSTEAUX / POSTES

C07D-42-02

C07E-42-02

C07F-42-02



Anclaje empotrado opcional.
 Optional recessed anchor.
 Ancrage encastrés optionnel.
 Fixação encastrada opcional.

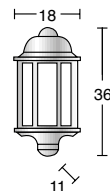
	A02A-004-00*
	A02B-004-00**

ARCO



017A-G05X1A-01
 017A-G05X1A-02

E27 LED 6W
 E27 HAL 70W
 E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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(Pag. 220)

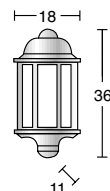
Dopo

ARCO



017B-G05X1A-01
 017B-G05X1A-02

E27 LED 6W
 E27 HAL 70W
 E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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(Pag. 220)



PIN

Dopo



ALU

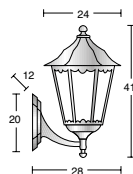
239C-G05X1A-01
239C-G05X1A-02



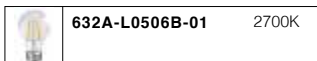
239D-G05X1A-01
239D-G05X1A-02



E27 LED 6W
E27 HAL 105W
E27 Cmpct 23W max.

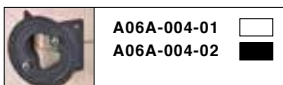


LED FILAMENT E27 6W 600 lm



(Pag. 220)

Adaptador de esquina / Corner adaptor
Adaptateur d'angle / Adaptador de esquina



PIN



ALU

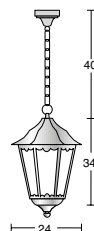
239A-G05X1A-01
239A-G05X1A-02



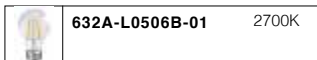
239B-G05X1A-01
239B-G05X1A-02



E27 LED 6W
E27 HAL 105W
E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm



(Pag. 220)

PIN



ALU

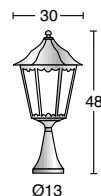
239E-G05X1A-01
239E-G05X1A-02



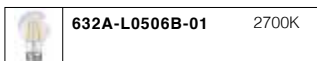
239F-G05X1A-01
239F-G05X1A-02



E27 LED 6W
E27 HAL 105W
E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm



(Pag. 220)

PIN



ALU



239G-G05X1A-01
239G-G05X1A-02



239H-G05X1A-01
239H-G05X1A-02



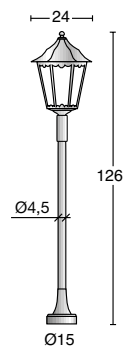
- E27 LED 6W
- E27 HAL 105W
- E27 Cmpct 23W max.

LED FILAMENT E27 6W 600 lm



632A-L0506B-01 2700K

(Pag. 220)

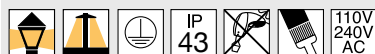


Dopo



PIN

Dopo



ALU

239I-G05X1A-01

239I-G05X1A-02



239J-G05X1A-01

239J-G05X1A-02



239K-G05X1A-01

239K-G05X1A-02



239L-G05X1A-01

239L-G05X1A-02



239M-G05X1A-01

239M-G05X1A-02



239N-G05X1A-01

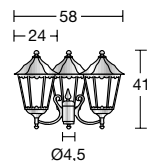
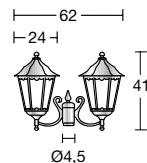
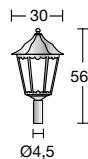
239N-G05X1A-02



E27 LED 6W

E27 HAL 105W

E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

632A-L0506B-01 2700K

(Pag. 220)

POSTES / POSTS / POSTEAUX / POSTES

C01A-11-01

C01A-11-02

C07A-11-01

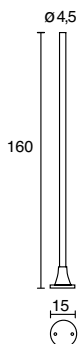
C07A-11-02

C07B-12-01

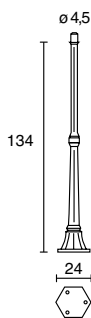
C07B-12-02

C07C-12-01

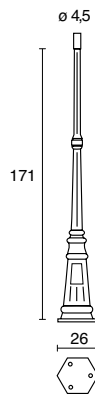
C07C-12-02



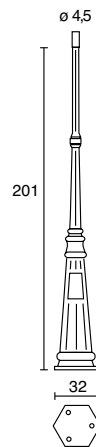
C01A-11-01
C01A-11-02



C07A-11-01
C07A-11-02



*
C07B-12-01
C07B-12-02



**
C07C-12-01
C07C-12-02

Anclaje empotrado opcional.

Optional recessed anchor.

Ancrage encastrés optionnel.

Fixação encastrada opcional.



A02A-004-00*
A02B-004-00**
A02C-004-00***

Incremento de altura / Height extension

Augmentation de hauteur / Extensão da altura



A08A-C07-01
A08A-C07-02

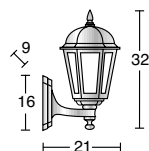
40 cm.

BAMBO



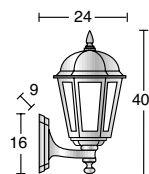
024A-G05X1A-01
024A-G05X1A-02

E27 LED 6W
 E27 HAL 105W
 E27 Cmpct 23W max.

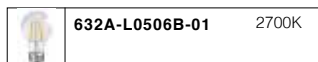


024B-G05X1A-01
024B-G05X1A-02

E27 LED 6W
 E27 HAL 105W
 E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm



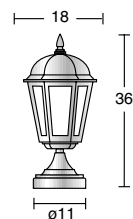
(Pag. 220)

BAMBO



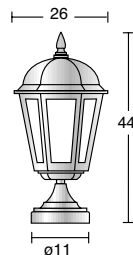
024C-G05X1A-01
024C-G05X1A-02

E27 LED 6W
 E27 HAL 105W
 E27 Cmpct 23W max.

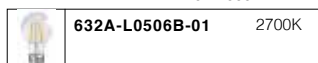


024D-G05X1A-01
024D-G05X1A-02

E27 LED 6W
 E27 HAL 105W
 E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm



(Pag. 220)



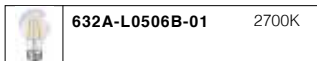
CAM



043B-G05X1A-01
043B-G05X1A-02

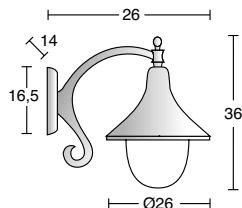
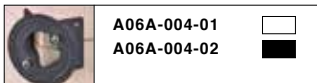
E27 LED 6W
E27 HAL 53W
E27 Cmpct 15W max.

LED FILAMENT E27 6W 600 lm



(Pag. 220)

Adaptador de esquina / Corner adaptor
Adaptateur d'angle / Adaptador de esquina



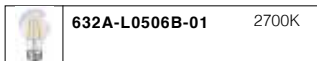
CAM



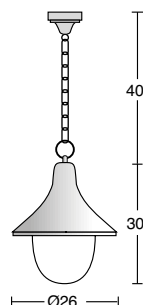
043A-G05X1A-01
043A-G05X1A-02

E27 LED 6W
E27 HAL 53W
E27 Cmpct 15W max.

LED FILAMENT E27 6W 600 lm



(Pag. 220)



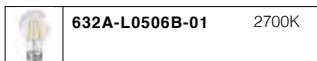
CAM



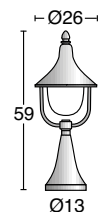
043D-G05X1A-01
043D-G05X1A-02

E27 LED 6W
E27 HAL 53W
E27 Cmpct 15W max.

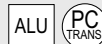
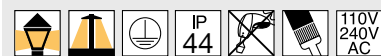
LED FILAMENT E27 6W 600 lm



(Pag. 220)

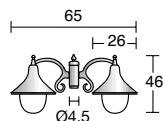


(Pag. 220)

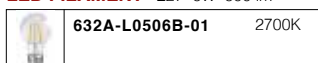


043C-G05X1A-01
 043C-G05X1A-02

E27 LED 6W
 E27 HAL 53W
 E27 Cmpct 15W max.



LED FILAMENT E27 6W 600 lm



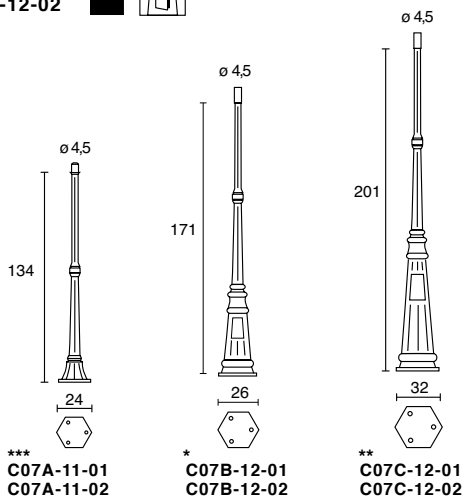
(Pag. 220)

POSTES / POSTS / POSTEAUX / POSTES

C07A-11-01
 C07A-11-02

C07B-12-01
 C07B-12-02

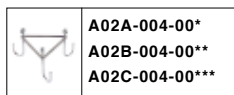
C07C-12-01
 C07C-12-02



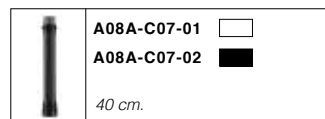
043C-G05X1A-02
+
C07B-12-02



Anclaje empotrado opcional.
 Optional recessed anchor.
 Anclage encastrés optionnel.
 Fixação encastrada opcional.



Incremento de altura / Height extension
 Augmentation de hauteur / Extensão da altura





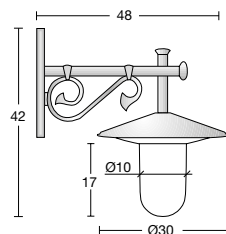
DELTA

Dopo



082A-G05X1A-02 ■

- E27 LED 6W
- E27 HAL 53W
- E27 Cmpct 20W max.



LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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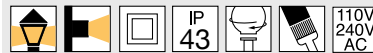
(Pag. 220)





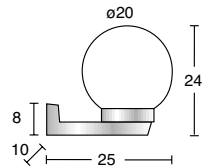
ALIA

Dopo

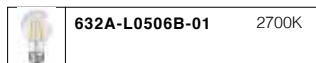


011C-G05X1A-01
011C-G05X1A-02

E27 LED 6W
E27 HAL 42W
E27 Cmpct 15W max.

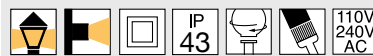


LED FILAMENT E27 6W 600 lm



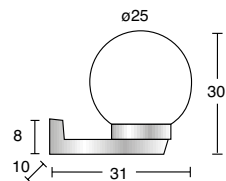
(Pag. 220)

ALIA

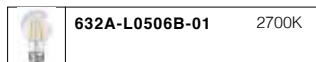


011D-G05X1A-01
011D-G05X1A-02

E27 LED 6W
E27 HAL 42W
E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm



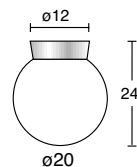
(Pag. 220)

ALIA

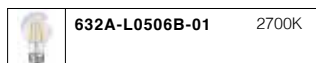


011B-G05X1A-02

E27 LED 6W
E27 HAL 42W
E27 Cmpct 15W max.

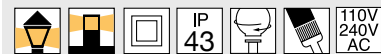


LED FILAMENT E27 6W 600 lm



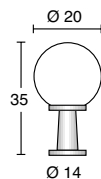
(Pag. 220)

ALIA

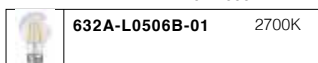


011A-G05X1A-02 ■

- E27 LED 6W
- E27 HAL 42W
- E27 Cmpct 15W max.

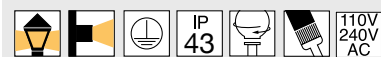


LED FILAMENT E27 6W 600 lm



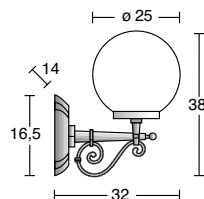
(Pag. 220)

CAST

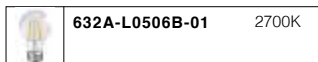


046B-G05X1A-01 □
046B-G05X1A-02 ■

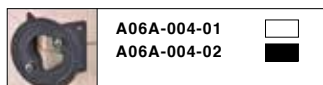
- E27 LED 6W
- E27 HAL 70W
- E27 Cmpct 23W max.



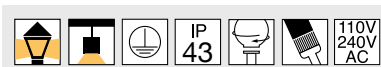
LED FILAMENT E27 6W 600 lm



(Pag. 220)

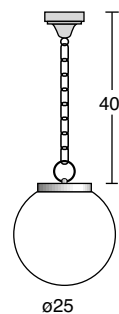


CAST

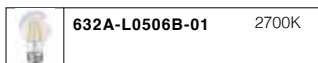


046A-G05X1A-01 □
046A-G05X1A-02 ■

- E27 LED 6W
- E27 HAL 70W
- E27 Cmpct 23W max.



LED FILAMENT E27 6W 600 lm

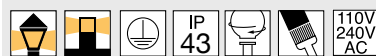


(Pag. 220)



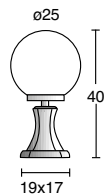
CAST

Dopo



046C-G05X1A-01
046C-G05X1A-02

- E27 LED 6W
- E27 HAL 70W
- E27 Cmpct 23W max.

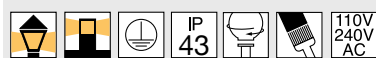


LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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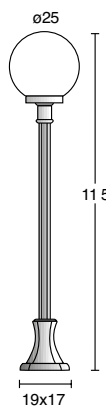
(Pag. 220)

CAST



046D-G05X1A-01
046D-G05X1A-02

- E27 LED 6W
- E27 HAL 70W
- E27 Cmpct 23W max.

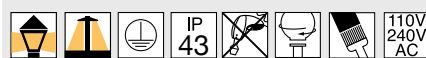


LED FILAMENT E27 6W 600 lm

	632A-L0506B-01	2700K
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(Pag. 220)

CAST

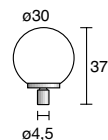


ALU

Dopo

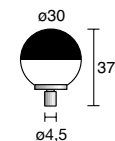
046E-G05X1A-01
046E-G05X1A-02

E27 LED 6W
 E27 HAL 105W
 E27 Cmpct 30W max.



046G-G05X1A-01
046G-G05X1A-02

E27 LED 6W
 E27 HAL 105W
 E27 Cmpct 30W max.



LED FILAMENT E27 6W 600 lm



632A-L0506B-01 2700K

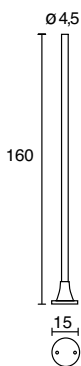
(Pag. 220)

POSTES / POSTS / POSTEAUX / POSTES

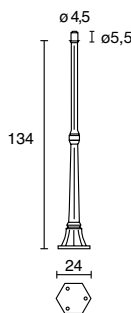
C01A-11-01
C01A-11-02

C07A-11-01
C07A-11-02

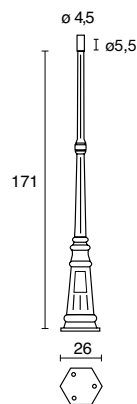
C07B-12-01
C07B-12-02



C01A-11-01
C01A-11-02



C07A-11-01
C07A-11-02



*
C07B-12-01
C07B-12-02



046E-G05X1A-02
 +
C07A-11-02



046G-G05X1A-02
 +
C07B-12-02

Anclaje empotrado opcional.
 Optional recessed anchor.
 Ancrage encastrés optionnel.
 Fixação encastrada opcional.



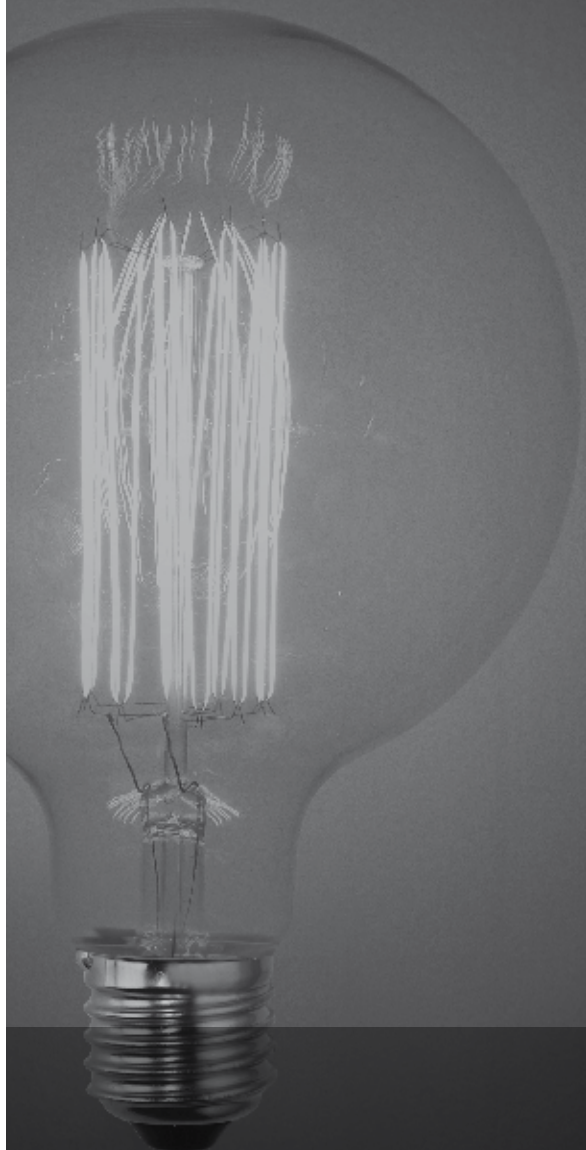
A02A-004-00*
A02B-004-00**
A02C-004-00***

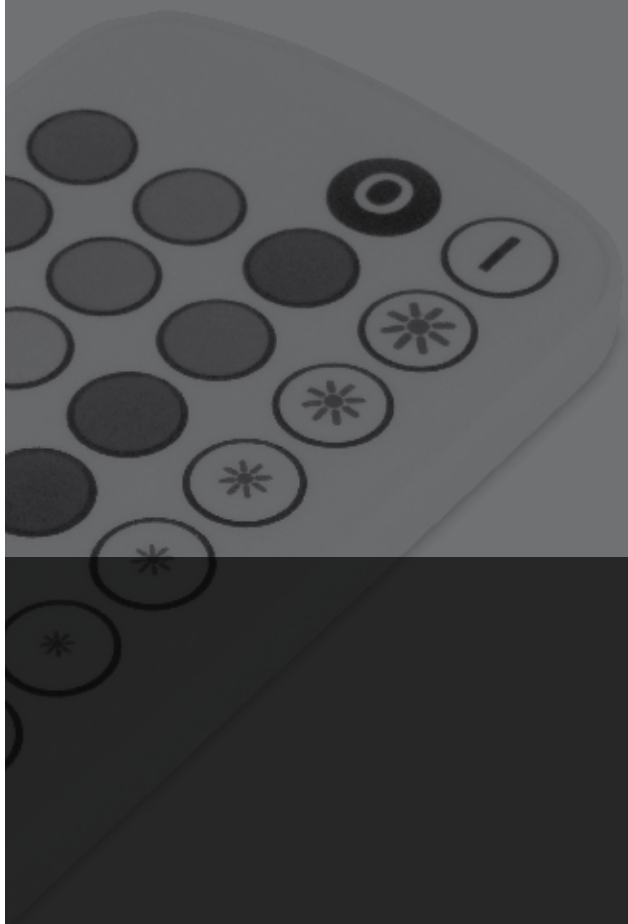
Incremento de altura / Height extension
 Augmentation de hauteur / Extensão da altura



A08A-C07-01
A08A-C07-02

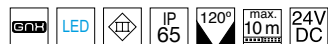
40 cm.





GNX

LED STRIP OUT



Resina de Poliuretano / Polyurethane resin
Résine de Polyuréthane / Resina de Poliuretano

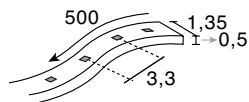


NEW

465F-L0124F-29 3000°K

465F-L0224F-29 4000°K

LED 60leds/m 4,8W/m 310lm/m



Alimentador / Power supply / Alimentateur / Alimentador



B020-X3340F-39

40W (max. 1 unit.)

B020-X3380F-39

80W (max. 3 unit.)

IP 65

(Pag. 225)



NEW

465G-L0105F-29 3000°K

465G-L0205F-29 4000°K

LED 60leds/m 4,8W/m 310lm/m

Longitud de tira led personalizada. Corte en tramos de 5 cm. Se suministra con 1 toma de alimentación.

Bespoke length. Cut in sections of 5 cm. Comes with 1 power supply.

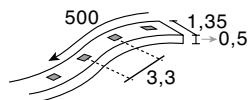
Longueur de ruban Led sur-mesure. Coupe en sections de 5 cm. Fourni avec un câble d'alimentation.

Cumprimento da fita de Led personalizada. Corte por seção de 5 cm. Fornece-se com uma tomada de alimentação.



465D-L0172F-29

LED 60leds/m 3000°K 14,4W/m 630lm/m



Alimentador / Power supply / Alimentateur / Alimentador



B020-X3380F-39

80W (max. 1 unit.)

B020-X33A4F-39

150W (max. 2 unit.)

IP 65

(Pag. 225)



465E-L0115F-29

LED 60leds/m 3000°K 14,4W/m 630lm/m

Longitud de tira led personalizada. Corte en tramos de 5 cm. Se suministra con 1 toma de alimentación.

Bespoke length. Cut in sections of 5 cm. Comes with 1 power supply.

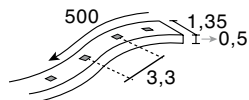
Longueur de ruban Led sur-mesure. Coupe en sections de 5 cm. Fourni avec un câble d'alimentation.

Cumprimento da fita de Led personalizada. Corte por seção de 5 cm. Fornece-se com uma tomada de alimentação.



465B-L0172F-29

LED 120leds/m 3200°K 14,4W/m 1120lm/m



Alimentador / Power supply / Alimentateur / Alimentador



B020-X3380F-39

80W (max. 1 unit.)

B020-X33A4F-39

150W (max. 2 unit.)

IP 65

(Pag. 225)



465C-L0115F-29

LED 120leds/m 3200°K 14,4W/m 1120lm/m

Longitud de tira led personalizada. Corte en tramos de 5 cm. Se suministra con 1 toma de alimentación.

Bespoke length. Cut in sections of 5 cm. Comes with 1 power supply.

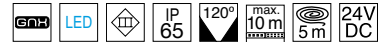
Longueur de ruban Led sur-mesure. Coupe en sections de 5 cm. Fourni avec un câble d'alimentation.

Cumprimento da fita de Led personalizada. Corte por seção de 5 cm. Fornece-se com uma tomada de alimentação.

Auto-adhs. 3M



LED STRIP OUT

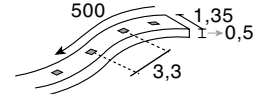


Protector de silicona / Silicone protector
 Protecteur de silicone / Protetor de silicone



465A-L0124F-29

LED 60leds/m 3000°K 4,8W/m 240lm/m



Alimentador / Power supply / Alimentateur / Alimentador

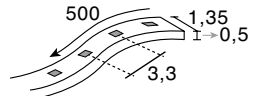
	B020-X3340F-39 40W (max. 1 unit.)
	B020-X33A1F-39 100W (max. 2 unit.)

(Pag. 225)



465A-L0172F-29

LED 60leds/m 3000°K 14,4W/m 760lm/m



Alimentador / Power supply / Alimentateur / Alimentador

	B020-X3380F-39 80W (max. 1 unit.)
	B020-X33A4F-39 150W (max. 2 unit.)

(Pag. 225)



LED STRIP OUT RGB



Resina de Poliuretano / Polyurethane resin
 Résine de Polyuréthane / Resina de Poliuretano

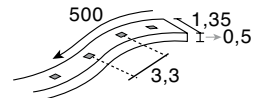


Auto-adhs. 3M



465F-L0472F-29

LED 120leds/m 14,4W/m 500lm/m



465G-L0415F-29

LED 120leds/m 14,4W/m 500lm/m

Longitud de tira led personalizada. Corte en tramos de 5 cm. Se suministra con 1 toma de alimentación.

Bespoke length. Cut in sections of 5 cm. Comes with 1 power supply.

Longueur de ruban Led sur-mesure. Coupe en sections de 5 cm. Fourni avec un câble d'alimentation.

Cumprimento da fita de Led personalizada. Corte por seção de 5 cm. Fornece-se com uma tomada de alimentação.

Alimentador / Power supply / Alimentateur / Alimentador

	B020-X3380F-39 80W (max. 1 unit.)
	B020-X33A4F-39 150W (max. 2 unit.)

(Pag. 225)

Sistema control RGB / RGB control system

Système de contrôle RGB / Sistema de controle RGB

	B05E-G33A7F-39 288W Max. 2 unit						
	<table border="1"> <tr> <td>IP 65</td> <td>24V DC</td> <td>CEC</td> <td>7 COLORS</td> <td>7 SEQUEN</td> <td>±40°</td> <td>±10°</td> </tr> </table> <p>30m.</p>	IP 65	24V DC	CEC	7 COLORS	7 SEQUEN	±40°
IP 65	24V DC	CEC	7 COLORS	7 SEQUEN	±40°	±10°	

Amplificador / Amplifier / Amplificateur / Amplificador

	B05G-G33A8F-39 216W Max. 2 unit			
	<table border="1"> <tr> <td>IP 65</td> <td>24V DC</td> <td>±60°</td> <td>±20°</td> </tr> </table> <p>Precisa transformador adicional Additional transformer required Nécessite transformateur supplémentaire Requer transformador adicional</p>	IP 65	24V DC	±60°
IP 65	24V DC	±60°	±20°	

LED STRIP IN



Alimentadores / Power supplies / Alimentateurs / Alimentadores

	B02Q-X3325F-01 IP 30
25W (max 1 unit.)	
	B02R-X33A1F-01 IP 30
100W (max 4 unit.)	

(Pag. 225)



Alimentadores / Power supplies / Alimentateurs / Alimentadores

	B02R-X33A1F-01 IP 30
100W (max 1 unit.)	
	B02Q-X33A4F-39 IP 67
150W (max 2 unit.)	

(Pag. 225)



Alimentadores / Power supplies / Alimentateurs / Alimentadores

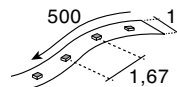
	B02R-X33A1F-01 IP 30
100W (max 1 unit.)	
	B02Q-X33A4F-39 IP 67
150W (max 2 unit.)	

(Pag. 225)

Auto-adhs. 3M

**464A-L0124F-00** 3000°K**464A-L0224F-00** 4000°K

LED 60leds/m 4,8W/m 360lm/m

**464B-L0105F-00** 3000°K**464B-L0205F-00** 4000°K

LED 60leds/m 4,8W/m 360lm/m

Longitud de tira led personalizada. Corte en tramos de 5 cm. Se suministra con 1 toma de alimentación.

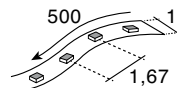
Bespoke length. Cut in sections of 5 cm. Comes with 1 power supply.

Longueur de ruban Led sur-mesure. Coupe en sections de 5 cm. Fourni avec un câble d'alimentation.

Cumprimento da fita de Led personalizada. Corte por seção de 5 cm. Fornece-se com uma tomada de alimentação.

**464A-L0172F-00**

LED 60leds/m 3000°K 14,4W/m 900lm/m

**464B-L0115F-00**

LED 60leds/m 3000°K 14,4W/m 900lm/m

Longitud de tira led personalizada. Corte en tramos de 5 cm. Se suministra con 1 toma de alimentación.

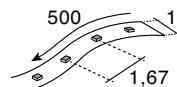
Bespoke length. Cut in sections of 5 cm. Comes with 1 power supply.

Longueur de ruban Led sur-mesure. Coupe en sections de 5 cm. Fourni avec un câble d'alimentation.

Cumprimento da fita de Led personalizada. Corte por seção de 5 cm. Fornece-se com uma tomada de alimentação.

**464C-L0172F-00**

LED 120leds/m 3000°K 14,4W/m 1200lm/m

**464D-L0115F-00**

LED 120leds/m 3000°K 14,4W/m 1200lm/m

Longitud de tira led personalizada. Corte en tramos de 5 cm. Se suministra con 1 toma de alimentación.

Bespoke length. Cut in sections of 5 cm. Comes with 1 power supply.

Longueur de ruban Led sur-mesure. Coupe en sections de 5 cm. Fourni avec un câble d'alimentation.

Cumprimento da fita de Led personalizada. Corte por seção de 5 cm. Fornece-se com uma tomada de alimentação.

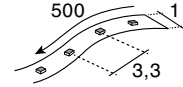
LED STRIP IN RGB



Auto-adhs. 3M


464A-L0472F-00

LED 60leds/m 14,4W/m 470lm/m


464B-L0415F-00

LED 60leds/m 14,4W/m 470lm/m

Longitud de tira led personalizada. Corte en tramos de 5 cm. Se suministra con 1 toma de alimentación.

Bespoke length. Cut in sections of 5 cm. Comes with 1 power supply.

Longueur de ruban Led sur-mesure. Coupe en sections de 5 cm. Fourni avec un câble d'alimentation.

Cumprimento da fita de Led personalizada. Corte por seção de 5 cm. Fornece-se com uma tomada de alimentação.

Alimentador / Power supply / Alimentateur / Alimentador


B020-X3380F-39

80W (max. 1 unit.)


B020-X33A4F-39

150W (max. 2 unit.)

(Pag. 225)

Sistema control RGB / RGB control system

Système de contrôle RGB / Sistema de controle RGB


B05F-G33A9F-39

432W Max. 2 unit



30m.

Amplificador / Amplifier / Amplificateur / Amplificador

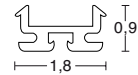

B05H-G33A7F-39

216W Max. 2 unit


 Precisa transformador adicional
 Additional transformer required
 Nécessite transformateur supplémentaire
 Requer transformador adicional

PERFIL PROFIL PROFILÉ PERFIS


A19A-464-40 100 cm

A19B-464-40 200 cm

 Corte a medida de perfiles y difusores.
 Bespoke length of profiles and diffusers.
 Découpe sur-mesure des profils et diffuseurs.
 Corte a medida de perfis e difusores.

Fijación / Fixing / Fixation / fixação

A19H-464-03 1 unit.

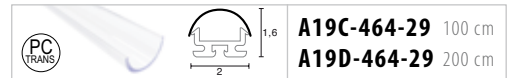
Tapa / Endcap / Embout / Tapa

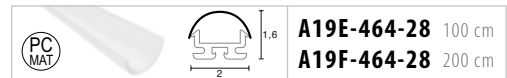
A19G-464-03 1 unit.

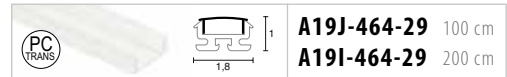
Tapa / Endcap / Embout / Tapa

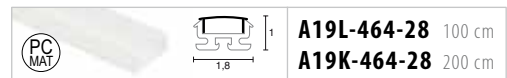
A19M-464-03 1 unit.


Difusores / Diffusers / Diffuseurs / Difusores


A19C-464-29 100 cm

A19D-464-29 200 cm

A19E-464-28 100 cm

A19F-464-28 200 cm

A19J-464-29 100 cm

A19I-464-29 200 cm

A19L-464-28 100 cm

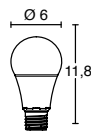
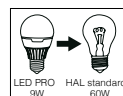
A19K-464-28 200 cm

LED PRO



369D-L0509B-01 3000°K
369D-L0509B-02 4000°K

E27 LED 9W 806lm



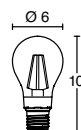
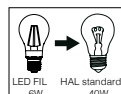
LED FILAMENT



GLASS
TRANS

632A-L0506B-01

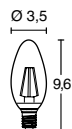
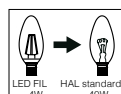
E27 LED 6W 2700K 600lm



GLASS
TRANS

632B-L0504B-01

E14 LED 4W 2700K 400lm

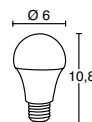
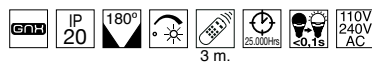


LED ECO RGB



368D-L0504A-04

E27 LED 3,7W 55lm

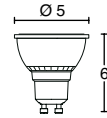
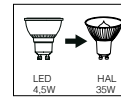


LED PRO



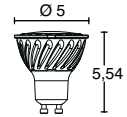
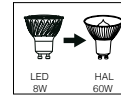
578A-L2105A-01 3000°K
578A-L2105A-02 4000°K

GU10 LED 4,5W 300lm



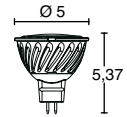
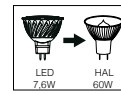
369B-L2107A-01 3000°K
369B-L2107A-02 4000°K

GU10 LED 7W 550lm



369C-L2308D-01 3000°K
369C-L2308D-02 4000°K

GU5,3 LED 7,6W 550lm

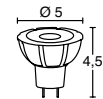
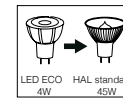


LED ECO

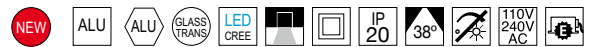


368C-L2305D-01 3000°K

GU5,3 LED 4W 300lm

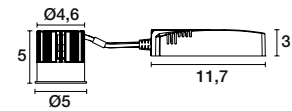


INEL



609A-L0109A-03

LED 8,5W 700lm 3000K

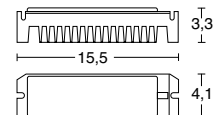
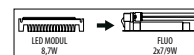


LED MODUL



371A-L3309B-01

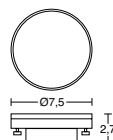
LED 8,7W 780lm 2900-3200°K



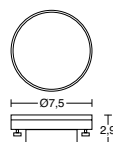
LED T2



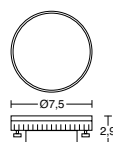
NEW **378A-L3103A-01** 3000°K
378A-L3103A-02 4000°K
 GX53 LED T2 3W 350 lm



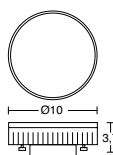
378A-L3104A-01
 GX53 LED T2 4W 300 lm 3000K



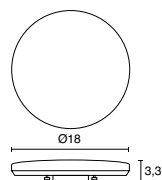
378A-L3106A-01 3000°K
378A-L3106A-02 4000°K
 GX53 LED T2 6W 500lm



NEW **378B-L3107A-01** 3000°K
378B-L3107A-02 4000°K
 GX53 LED T2 7W 700 lm



378C-L3111A-01 3000°K
378C-L3111A-02 4000°K
 GX53 LED T2 11W 900lm



LAMP VINTAGE

GNH IP 20 CRI >80 220V 240V AC

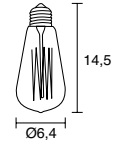


GLASS
AMBER



520A-G0540B-01

E27  ST64 40W

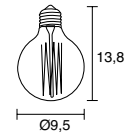


GLASS
AMBER



520B-G0540B-01

E27  G95 40W

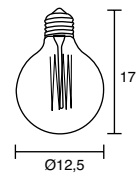


GLASS
AMBER



NEW 520C-G0560B-01

E27  G125 60W

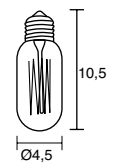


GLASS
AMBER



NEW 520D-G0560B-01

E27  T45 60W



CONECTORES CONNECTORS CONNECTEURS CONECTORES

IP
68

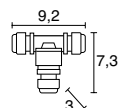
B03A-X33X2A-02

Doble conector para cables-manguera entre Ø 5 y 13 mm.
Double connector for wires-hoses between Ø 5 and 13 mm.
Double connecteur pour les câble multifils entre Ø 5 et 13 mm.
Duplo conector para cabos multifilares com Ø 5 e 13 mm.



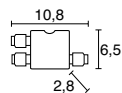
B03B-X33X2A-02

Triple conector para cables-manguera entre Ø 5 y 13 mm.
Triple connector for wires-hoses between Ø 5 and 13 mm.
Triple connecteur pour les câble multifils entre Ø 5 et 13 mm.
Tripla conector para cabos multifilares com Ø 5 e 13 mm.



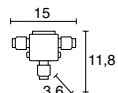
B03C-X33X2A-02

Triple conector para cables-manguera de Ø 13,5 mm.
Triple connector for wires-hoses between, Ø 13,5 mm.
Triple connecteur pour les câble multifils de Ø 13,5 mm.
Tripla conector para cabos multifilares, Ø 13,5 mm.



B03D-X33X2A-02

Triple conector para cables-manguera de Ø 13,5 mm.
Triple connector for wires-hoses between, Ø 13,5 mm.
Triple connecteur pour les câbles-tuyaux de Ø 13,5 mm.
Tripla conector para cabos multifilares, Ø 13,5 mm.

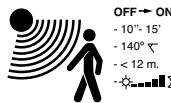


DETECTOR DE PRESENCIA

PRESENCE DETECTOR

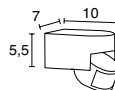
DÉTECTEUR DE PRÉSENCE

DETETOR DE PRESENÇA

IP
54 220V
240V
ACB04A-X33X2B-01 B04A-X33X2B-02 

OFF → ON
- 10° - 15°
- 140°
- < 12 m.

- ☹ 1000W max.
- ☹ 500 max.



SENSOR CREPUSCULAR

DUSK-DAWN SENSOR

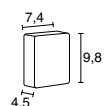
SENSEUR CRÉPUSCULAIRE

SENSOR CREPUSCULAR

B04B-X33X2B-01 B04B-X33X2B-02 IP
54 220V
240V
AC

OFF → ON
- > 2 Lux < 1000 Lux
- ☹

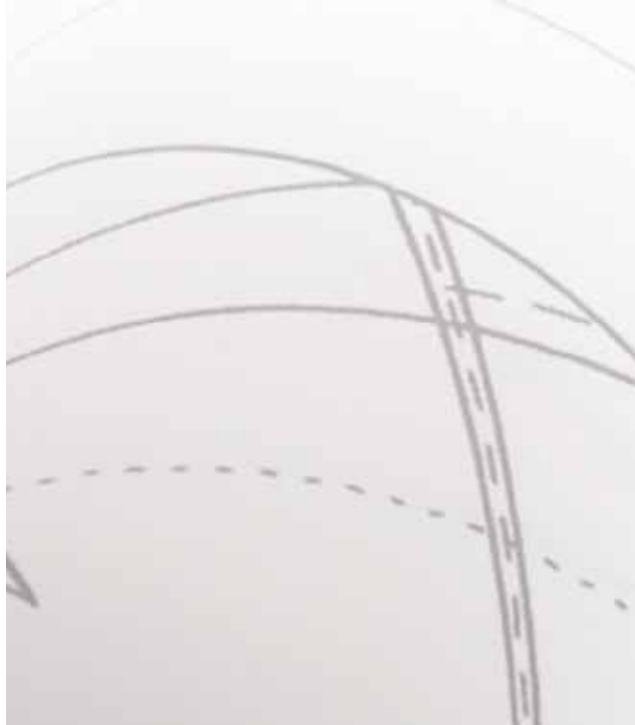
- ☹ 1000W max.
- ☹ 500 max.



ALIMENTADORES POWER SUPPLYS ALIMENTATEURS ALIMENTADORES

REF	OUT				IN		SIZES	IP
	V	C	(230V)	(110V)	V	Freq.		
 B02A-X33X2H-01	-	350 mA DC	3-10W	3-6W	95-240 V AC	50/60 Hz	12x4x2	40
B02A-X3315H-01	-	350 mA DC	5-17W	-	220-240 V AC	50/60 Hz	12x4x2	40
B02A-X3312I-01	-	500 mA DC	3-9W	3-6W	95-240 V AC	50/60 Hz	12x4x2	40
 B02G-X3306J-01	-	700 mA DC	6W	-	100-240 V AC	50/60 Hz	5,8x4x2	20
 B02A-X3315J-01	-	700 mA DC	5-17W	-	220-240 V AC	50/60 Hz	12x4x2	40
 B02N-X3320M-01	-	1050 mA DC	20W	-	220-240 V AC	50/60 Hz	3,2x2,8x11,2	40
 B02J-X3350D-02	12 V AC	-	50W	-	220-240 V AC	50/60 Hz	8x7,8x6	65
 B02S-X3360E-32	12 V DC	-	60W	-	230 V AC	50/60 Hz	31x13x4,6	20
 B02B-X3360B-01	12 V AC	-	60W	-	220-240 V AC	50/60 Hz	2,2x3,6x10,3	20
B02B-X33A2B-01	12 V AC	-	105W	-	230-240 V AC	50/60 Hz	3,3x3,7x12,8	20
B02B-X33A4B-01	12 V AC	-	150W	-	230-240 V AC	50/60 Hz	3,3x3,7x18,5	20
 B02M-X33A5D-03	12 V AC	-	200W	-	230 V AC	50/60 Hz	10,8x10,4x9,9	20
 B02C-X33A7D-02	12 V AC	-	300W	-	230 V AC	50 Hz	12x14	66
 B02I-X33F9D-02	12 V AC	-	350W	-	220-240 V AC	50/60 Hz	17,5x15,5x11	65
 B02F-X33A8D-32	12 V AC	-	400W	-	230 V AC	50 Hz	22x11	20
 B02M-X33A9D-03	12 V AC	-	500W	-	230 V AC	50/60 Hz	12x13,2x10,8	20
 B02I-X33G1D-02	12 V AC	-	700W	-	220-240 V AC	50/60 Hz	17,5x17,5x11	65
 B02A-X33X2F-01	24 V DC	-	10W	6W	110-240 V AC	50/60 Hz	12x4x2	40
 B02Q-X3312F-01	24 V DC	-	12W	12W	90-295 V AC	50/60 Hz	7,7x4x2,9	30
B02Q-X3325F-01	24 V DC	-	25W	25W	90-295 V AC	50/60 Hz	8,4x5,7x2,9	30
 B02R-X33A1F-01	24 V DC	-	100W	100W	90-295 V AC	50/60 Hz	19x5,2x3,7	30
 B02O-X3340F-39	24 V DC	-	40W	40W	90-305 V AC	50/60 Hz	17,1x6,1x3,7	65
B02O-X3380F-39	24 V DC	-	80W	80W	90-305 V AC	50/60 Hz	19,6x5,1x3,9	65
B02O-X33A1F-39	24 V DC	-	100W	100W	90-305 V AC	50/60 Hz	22x6,8x3,9	65
B02O-X33A4F-39	24 V DC	-	150W	150W	90-295 V AC	50/60 Hz	22x6,8x3,9	67





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LÁMPARAS LAMPS LAMPES LÂMPADAS

Fuente de luz	Lampara	Iconos	Potencia (W)	Voltage (V)	Portálámparas	Lumens (Lm) Candelas (Cd)	Denominación Philips	Denominación Ilicos
HALOGENAS HALOGEN LAMPS HALÓGENAS HALOGÉNEO	HAL		28	230	E14		ECOClassic30 Esférica	
			42	230	E14		ECOClassic30 Esférica	
			28	230	E14	346	ECOClassic30 Vela	
			42	230	E14	630	ECOClassic30 Vela	
			28	230	E27	346	ECOClassic Esférica	
			42	230	E27	630	ECOClassic Esférica	
			42	230	E27	630	ECOClassic30 Estándar	
			53	230	E27	850	ECOClassic30 Estándar	
			70	230	E27	1200	ECOClassic30 Estándar	
			105	230	E27	2100	ECOClassic30 Estándar	
	QT32		70	230	E27		ECOClassic30 T32	
			105	230	E27		ECOClassic30 T32	
	QT-14		28	230	G9	340	ECOHALO CLICKline	
			42	230	G9	630	ECOHALO CLICKline	
			53	230	G9	850	ECOHALO CLICKline	
	QT-12		10	12	G4	140	CAPSULELine	
			45	12	GY6,35	1250	MASTERCapsule	
	QT-DE		48	230	R7s (74,9)	750	PLUSLine ES Compact	
			80	230	R7s (74,9)	1400	PLUSLine ES Compact	
			120	230	R7s (74,9)	2300	PLUSLine ES Compact	
			120	230	R7s (114,2)	2250	PLUSLine ES Small	
			160	230	R7s (114,2)	3100	PLUSLine ES Small	
	PAR 16		35	230	GU10	160	ECOHALO TWISTLine	
			50	230	GU10	1000	TWISTLine 3.000h 25D	
			50	230	GZ10	1000	TWISTLine 3.000h 25D	
	PAR 20		50	230	E27	2550	PAR 20 Halógena 10°	
			50	230	E27	850	PAR 20 Halógena 25°	
	PAR 30		75	230	E27	1700	PAR 30s Halógena	
	QR-111		50	12	G53	4000	ALUline III 24D	
			75	12	G53	5300	ALUline III 24D	
			100	12	G53	8500	ALUline III 24D	
	QR-CB		35	12	GU4	7000	BRILLANTLine ES 10D	
			35	12	GU5,3	3750	ACCENTLine 10D	
			50	12	GU5,3	6200	ACCENTLine 10D	
			50	12	GU5,3	1500	ACCENTLine 36D	
	PAR 56		300	12	Gx16d	16000	Spotone PAR 56 300W	
HALOGENUROS METÁLICOS METAL HALIDE LAMPS HALOGÉNURES MÉTALLIQUES IODETOS METÁLICOS	CDM-R (H.I.D.)		70	230	E27	74500	MASTERCcolour CDM-R PAR30L 10D	MR
	HIE		70	230	E27	7230	MASTER City White Plus CDO-ET	MC
	HIT		20	230	G8,5	1800	MASTERCcolour CDM-TC	MT
			35	230	G8,5	3300	MASTERCcolour CDM-TC	MT
			70	230	G8,5	6500	MASTERCcolour CDM-TC	MT
	HIT		35	230	G12	3300	MASTERCcolour CDM-T	MT
			70	230	G12	6600	MASTERCcolour CDM-T	MT
			150	230	G12	12700	MASTERCcolour CDM-T	MT
	HIT-DE		70	230	RX7s	6200	MASTERCcolour MHN-TD	MD
			150	230	RX7s	13800	MASTERCcolour MHN-TD	MD

LÁMPARAS LAMPS LAMPES LÂMPADAS

Fuente de luz	Lampara	Iconos	Potencia (W)	Voltage (V)	Portalámparas	Lumens (Lm) Candelas (Cd)	Denominación Philips	Denominación Icos
FLUORESCENCIA FLUORESCENCE FLUORESCENCE FLUORESCÊNCIA	COMPACTAS		11	230	E14	600	Master PLE-C	FBT
			8	230	E27	432	Master PLE-C	FBT
			11	230	E27	600	Master PLE-C	FBT
			15	230	E27	875	Master PLE-T	FBT
			20	230	E27	1200	Master PLE-T	FBT
			23	230	E27	1400	Master PLE-T	FBT
			27	230	E27	1800	Master PLE-T	FBT
			33	230	E27	2150	Master PLE-T	FBT
		42	230	E27			Tornado High Lumen	FBT
	TC		7	230	G23	405	MASTER PL-S	FSD
			9	230	G23	583	MASTER PL-S	FSD
			11	230	G23	893	MASTER PL-S	FSD
	TC-D		10	230	G24d1	580	MASTER PL-C	FSQ
			13	230	G24d1	900	MASTER PL-C	FSD
			18	230	G24d2	1200	MASTER PL-C	FSD
			26	230	G24d3	1800	MASTER PL-C	FSD
	TC-DE		18	230	G24q2	1200	MASTER PL-C	
			26	230	G24q3	1800	MASTER PL-C	
	TC-T		18	230	GX24d2	1200	MASTER PL-T	FSM
			26	230	GX24d3	1725	MASTER PL-T	FSM
	TC-TE		26	230	GX24q3	1800	MASTER PL-T/E	FSMH
			32	230	GX24q3	2400	MASTER PL-T/E	FSMH
			42	230	GX24q4	3200	MASTER PL-T/E	FSMH
			57	230	GX24q5	4300	MASTER PL-T/E	FSMH
	TC-FL		24	230	2G10	2800		FSS
			36	230	2G10	3600		FSS
	TC-L		18	230	2G11	1200	MASTER PL-L	FSD
			24	230	2G11	1800	MASTER PL-L	FSD
			36	230	2G11	2900	MASTER PL-L	FSD
			55	230	2G11	4500	MASTER PL-L	FSD
			80	230	2G11	6000	MASTER PL-L	FSD
	T5		8	230	G5	470	MASTER TL-Mini	FD
			14	230	G5	1250	MASTER TL5-HE	FD
			21	230	G5	1920	MASTER TL5-HE	FD
			28	230	G5	2625	MASTER TL5-HE	FD
			35	230	G5	3325	MASTER TL5-HE	FD
			24	230	G5	1750	MASTER TL5-HO	FD
			39	230	G5	3100	MASTER TL5-HO	FD
			54	230	G5	4450	MASTER TL5-HO	FD
	80	230	G5	6550	MASTER TL5-HO	FD		
	T5C		22	230	2GX13	1800	TL5 Circular	FS
			40	230	2GX13	3300	TL5 Circular	FS
T8		15	230	G13	1000	Master TL-D Super 80 ES	FD	
		18	230	G13	1300	Master TL-D Secura	FD	
		36	230	G13	3200	Master TL-D Secura	FD	
VAPOR SODIO SODIUM VAPOUR	HST		70	230	E27	5900	MASTER SON PIA Plus	
			100	230	E40	10200	MASTER SON PIA Plus	
			250	230	E40	31300	MASTER SON PIA Plus	
			400	230	E40	55400	MASTER SON PIA Plus	
VAPOR MERCURIO MERCURY VAPOUR	HME		125	230	E27	6200	HPL-N	

PRODUCTOS DE POLIAMIDA

Una poliamida es un tipo de polímero que contiene enlaces de tipo amida. Las poliamidas se pueden encontrar en la naturaleza, como la lana o la seda, y también ser sintéticas, como el nylon o el Kevlar.

La poliamida, de uso cada vez más frecuente en la industria, agrupa materiales como el Policarbonato, Polivinilo o el Nylon. Todos ellos con unas características comunes: su difícil destrucción y su larga duración. Considerado uno de los materiales más adecuado en productos expuestos a temperaturas extremas, a la humedad, al salitre del mar, a los rayos UV y a los fertilizantes químicos.

La composición de los materiales poliamida, son garantía de una larga duración, tanto en zonas secas como húmedas. Su deterioro puede producirse por:

- Maltrato o fuerte impacto.
- Aproximación a espacios de alta temperatura.
- Contacto con productos químicos de mucha acidez.

POLYAMIDE PRODUCTS

A polyamide is a polymer containing monomers of amides. They can occur both naturally, as in wool and silk, and artificially, examples being nylon and Kevlar.

Increasingly more widely used in industry, polyamides include materials such as polycarbonate, polyvinyl and nylon, all of which share common characteristics: their durability and difficult destruction. They are considered one of the most suitable materials for products exposed to extreme temperatures, dampness and humidity, salty and coastal environments, UV rays and chemical fertilizers.

The composition of polyamide materials is a guarantee of their durability in both dry and damp zones. Their deterioration may be produced by:

- Misuse or heavy impact
- Proximity to high temperatures
- Contact with highly acidic chemical product

PRODUITS EN POLYAMIDE

Une polyamide est un type de polymère qui contient des liaisons d'amide. Les polyamides peuvent se trouver dans la nature, par exemple dans la laine ou la soie ou peuvent être synthétiques comme le nylon ou le Kevlar.

La polyamide qui a une utilisation de plus en plus fréquente dans l'industrie, regroupe des matériaux tels que le Polycarbonate, le Polyvinyle ou le Nylon. Ces derniers possèdent une caractéristique commune: sa difficile destruction et sa longue durée. Elle est considérée comme l'un des matériaux les plus appropriés pour les produits qui sont constamment exposés à des températures extrêmes, à l'humidité, au salpêtre de la mer, aux rayons UV et aux fertilisants chimiques.

Les matériaux composés en polyamide garantissent une longue durée tantôt en zones sèches comme en zones humides. Sa détérioration peut se produire à cause de :

- Un fort impact.
- Son approximation à des espaces d'hautes températures.
- Un contact avec des produits chimiques très acides.

PRODUTOS DE POLIAMIDA

Uma poliamida é um tipo de polímero que contém ligações do tipo amida. As poliamidas podem ser encontradas na natureza, como na lã ou seda, e também ser sintéticas, como o nylon ou o Kevlar.

A poliamida, cada vez mais utilizada na indústria, agrupa materiais tais como o policarbonato, polivinilo ou o nylon. Todos eles têm características comuns: a sua difícil destruição e a sua longa duração. É considerado um dos materiais mais adequados para produtos expostos a temperaturas extremas, à humidade, ao salitre do mar, aos raios UV e aos fertilizantes químicos.

A composição dos materiais de poliamida é garantia de uma longa duração, tanto em zonas secas como húmidas. A sua deterioração pode ser causada por:

- Uso abusivo ou impactos fortes
- Proximidade de zonas com temperaturas elevadas.
- Contacto com produtos químicos de elevada acidez.

PRODUCTOS DE ALUMINIO

El aluminio es un elemento químico, de símbolo Al y número atómico 13. Se trata de un metal no ferroso. Es el tercer elemento más común encontrado en la corteza terrestre. Los compuestos de aluminio forman el 8% de la corteza de la tierra y se encuentran presentes en la mayoría de las rocas, de la vegetación y de los animales. En estado natural se encuentra en muchos silicatos (feldspatos, plagioclasas y micas). Como metal se extrae del mineral conocido con el nombre de bauxita, por transformación primero en alumina mediante el proceso Bayer y a continuación en aluminio mediante electrólisis.

Nuestros artículos han sido protegidos con cromatización y acabados con pinturas de poliéster y su deterioro puede producirse por:

- Contacto continuado con aguas de alto porcentaje de sal o aguas ácidas contaminadas por abonos o insecticidas.
- La electrólisis producida por el contacto del aluminio con los tornillos de sujeción si son de hierro (se aconsejan de acero inoxidable).
- La corriente vagante existente en el terreno, únicamente evitable con una correcta toma-tierra.
- La no protección rápida del aluminio en el caso de verse arrancada la pintura por roce o golpe.

ALUMINIUM PRODUCTS

Aluminium is a chemical element, with symbol Al and atomic number 13. It is a non-ferrous metal, and the third most common element found in the earth's crust. Aluminium components account for 8% of the earth's crust, and are present in most rocks, vegetation and animals. In its natural state it is found in many silicates (feldspars, plagioclases and micas). As a metal it is extracted from the mineral known by the name bauxite, being transformed first into alumina through the Bayer process, and then into aluminium through electrolysis.

Our articles are protected by chromating and finished in polyester paints, but their deterioration may be produced by:

- Continuous contact with water that has a high percentage of salt or acidic water contaminated with fertilizers or insecticides.
- Electrolysis produced by contact of the aluminium with the fixing screws, if these are made of iron (stainless steel is recommended).
- Stray current in the ground, which can only be avoided by a proper earth-ground connection.
- Not protecting the aluminium quickly enough in the case of the paint being chipped or scratched.

PRODUITS EN ALUMINIUM

L'aluminium est un élément chimique, son symbole est Al et son nombre atomique le 13. Il ne s'agit pas d'un métal ferreux. Il est le troisième élément le plus commun parmi le cortex terrestre. Les composés de l'aluminium forment le 8% de ce cortex et se trouvent présents dans la plupart des rochers, de la végétation ou des animaux. Dans son état naturel il se trouve dans de nombreux silicates (feldspath, plagioclase et micas). Avant d'être un métal, il est extrait de la minérale bauxite, ensuite transformé en alumine grâce au processus Bayer puis transformé en aluminium par électrolyse.

Nos produits ont été protégés par chromatisation et réalisés avec des peintures de polyester. Sa détérioration peut se produire à cause de :

- Un contact continu avec des eaux en haut pourcentage de sel ou des eaux acides contaminées par des produits chimiques.
- L'électrolyse produite par le contact de l'aluminium avec les vis d'épingle si ceux-ci sont de fer (on conseille d'utiliser ceux en acier)
- Le courant qui vague dans de le terrain et qui ne peut être évité que par une bonne prise de terre.
- La non-protection rapide de l'aluminium dans le cas où la peinture se verrait arrachée à cause des coups ou du frottement.

PRODUTOS DE ALUMÍNIO

O alumínio é um elemento químico, com símbolo Al e número atómico 13. É um metal não ferroso. É o terceiro elemento mais comum encontrado na crosta terrestre. Os compostos de alumínio formam 8% da crosta terrestre, estando presentes na maioria das rochas, vegetação e animais. No estado natural pode ser encontrado em inúmeros silicatos (feldspatos, plagioclasas e micas). Como metal é extraído do mineral conhecido pelo nome de bauxite em duas fases, primeiro é feita a obtenção da alumina pelo processo Bayer e, posteriormente, a eletrólise do óxido para obter o alumínio.

Os nossos artigos foram protegidos com cromagem e acabamentos com pinturas de poliéster, podendo a sua deterioração ser causada por:

- Contacto continuado com águas com percentagem de sal elevada ou águas ácidas contaminadas por adubos ou inseticidas.
- A eletrólise produzida pelo contacto do alumínio com os parafusos de fixação se forem de ferro (aconselha-se aço inoxidável).
- A corrente parasita existente no terreno, somente evitável através de uma correta ligação à terra.
- A não proteção rápida do alumínio, no caso de a tinta ser esfolada por raspamento ou impacto.



PRODUCTOS DE RESINA

Las luminarias fabricadas con resina destacan por estas cualidades:

- Protegidas contra la corrosión química en un amplio rango de ácidos, bases, cloruros, sales y solventes orgánicos.
- Protegidas contra el impacto en la pintura de los rayos UV.
- Excelente comportamiento en aislamiento térmico y eléctrico (doble aislamiento).
- Sobresaliente resistencia al impacto y a la fatiga.
- Fabricadas con materiales ignífugos.
- Ligeras y fáciles de transportar.
- Mantenimiento mínimo.

PRODUITS EN RESINE

Principaux avantages des luminaires en resine:

- Protection contre la corrosion chimique face à un large éventail de produits acides, bases, chlorures, sels et solvants organiques.
- Protection contre les effets des rayons UV sur la peinture.
- Excellent résultat en matière d'isolation thermique et électrique (double isolation).
- Excellente résistance aux chocs et durabilité exceptionnelle.
- Fabriquées avec des matériaux ignifuges.
- Légères et faciles à transporter.
- Faible entretien nécessaire.

RESIN PRODUCTS

Lighting equipment manufactured with resin stands out for the following qualities:

- Protected against chemical corrosion from a wide range of acids, alkalis, chlorides, salts and organic solvents.
- Protected against the impact of UV rays on the paint.
- Excellent behaviour in thermal and electrical insulation (double insulation).
- Outstanding resistance to impact and fatigue.
- Made from flame-retardant materials.
- Light and easy to transport.
- Minimum maintenance.

PRODUCTOS DE RESINA

As luminárias fabricadas com resina destacam-se pelas seguintes qualidades:

- Proteção contra a corrosão química provocada por um vasto leque de ácidos, bases, cloratos, sais e solventes orgânicos.
- Proteção contra os efeitos dos raios UV na pintura.
- Excelente comportamento em termos de isolamento térmico e elétrico (duplo isolamento).
- Excelente resistência ao impacto e à fadiga.
- Fabricadas com materiais ignífugos.
- Leves e fáceis de transportar.
- Manutenção mínima.



PRODUCTOS DE ACERO INOXIDABLE

El acero inoxidable es un tipo de acero resistente a la corrosión, dado que el cromo que contiene posee gran afinidad por el oxígeno y reacciona con él formando una capa pasivadora de aproximadamente un átomo de grosor, evitando así la corrosión del hierro. Sin embargo, esta capa puede ser afectada por algunos ácidos, dando lugar a que el hierro sea atacado y oxidado por mecanismos intergranulares o picaduras generalizadas.

El acero inoxidable que nosotros normalmente usamos para nuestros productos es el tipo AISI 304, AISI 316 y AISI 316L con un acabado satinado o brillante. Este tipo de acabado garantiza una actuación excelente por lo que se refiere a la durabilidad, fuerza, además de su fácil limpieza.

Sobre el acero inoxidable pueden aparecer pequeñas manchas como resultado del contacto con la atmósfera marina, ambientes húmedos así como la cal proveniente de los riegos. Este tipo de contaminación sobre el acero inoxidable se eliminará con la aplicación de productos limpiadores que contengan ácido fosfórico.

Es necesario tomar en consideración otro gran factor a favor del acero inoxidable comparado con otros materiales como el aluminio, el hierro o el plástico, y es que tiene una mayor resistencia a los golpes y al calor, lo que lo convierte en el material más resistente a los actos vandálicos.

STAINLESS STEEL PRODUCTS

Stainless steel is corrosion resistant because the chromium it contains has great affinity for oxygen, reacting with it to form a passivating layer approximately one atom thick and thus preventing corrosion of the iron. However, this layer can be affected by some acids, giving rise to the iron being attacked and oxidised by intergranular mechanisms or generalised pitting.

The stainless steel that we normally use in our products is type AISI 304, AISI 316 or AISI 316L, with a satin or mirror finish which ensures excellent performance in terms of durability and strength, as well as being easy to clean.

Small stains may appear on stainless steel caused by contact with the marine or coastal atmosphere or damp or humid environments, as well as by limescale deposited during garden watering. This type of contamination on stainless steel can be eliminated using cleaning products that contain phosphoric acid.

Another important factor that should be taken into account in favour of stainless steel when compared with other materials such as aluminium, iron or plastic is its greater resistance to impact and heat, which makes it ideal in terms of protection against vandalism.

PRODUITS EN ACIER INOXYDABLE

L'acier inoxydable est un type d'acier résistant à la corrosion. Le chrome qu'il contient possède une forte affinité avec l'oxygène, et réagissant ensemble, ils forment une couche de passivation d'environ un atome d'épaisseur, qui empêche la corrosion du fer. Cependant, cette couche peut être affectée par certains acides, ce qui provoque que le fer soit attaqué et oxydé par des mécanismes intergranulaires ou des piqûres répandues.

L'acier inoxydable que l'on utilise normalement pour nos produits est le AISI 304, AISI 316 et AISI 316L avec finition satinée ou brillante. Ce genre de finition garantit une action excellente lorsqu'on pense à sa durabilité et sa force, en plus d'à son nettoyage facile.

Sur acier inoxydable peuvent apparaître des petites tâches comme conséquence à la suite de contact avec l'atmosphère marine, des milieux humides, ou à cause du calcaire ressortissant des arrosages. Ce genre de contamination de l'acier inoxydable peut être éliminée avec l'application de produits nettoyants contenant de l'acide phosphorique.

Il est nécessaire de prendre en considération les avantages de l'acier par rapport à d'autres matériaux comme l'aluminium, le fer ou le plastique: celui-ci a une majeure résistance aux coups et à la chaleur. Il se présente alors comme le matériel le plus résistant aux actes de vandalisme.

PRODUTOS DE AÇO INOXIDÁVEL

O aço inoxidável é um tipo de aço resistente à corrosão, pois o cromo que contém tem uma grande afinidade com o oxigênio, reagindo com ele e formando uma camada de passivação com aproximadamente um átomo de espessura, que evita a corrosão do ferro. No entanto, esta camada pode ser afetada por alguns ácidos, fazendo com que o ferro seja atacado e sofra corrosão intergranular ou por picaduras generalizadas.

O aço inoxidável que utilizamos normalmente nos nossos produtos é o do tipo AISI 304, AISI 316 e AISI 316L com um acabamento acetinado ou brilhante. Este tipo de acabamento garante um desempenho excelente em termos de durabilidade, força, além de permitir uma fácil limpeza.

No aço inoxidável podem aparecer pequenas manchas resultantes do contacto com a atmosfera marinha, ambientes húmidos, bem como manchas de calcário decorrentes da rega. Este tipo de contaminação superficial do aço inoxidável é eliminado através da aplicação de produtos de limpeza com ácido fosfórico.

É necessário tomar em consideração outra grande vantagem do aço inoxidável relativamente aos outros materiais como o alumínio, o ferro ou o plástico, nomeadamente a sua maior resistência aos choques e ao calor, o que o torna o material mais resistente aos atos de vandalismo.

Líquido para desengrasar, pulir y proteger los artículos de acero inoxidable.

Liquide to degrease, polish and protect stainless steel products.

Liquide à dégraisser, polir et protéger les produits en acier inoxydable.

Líquido para desengordurar, polir e proteger os artigos de aço inoxidável.





RECOMENDACIONES DE INSTALACIÓN INSTALLATION RECOMMENDATIONS

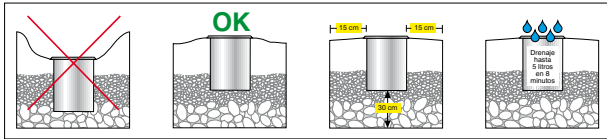
CONSEILS UTILES POUR INSTALLATION RECOMENDAÇÕES DE INSTALAÇÃO

La instalación de los aparatos enterrados debe realizarla personal cualificado, con la máxima precaución y de acuerdo con las instrucciones de montaje y las normas de instalación electrónica conformes con la normativa vigente.

The installation of recessed devices should be carried out with extreme caution by qualified professionals in accordance with installation instructions and local regulations.

L'installation des appareils enterrés doit être réalisée par du personnel qualifié en faisant très attention, et en suivant les instructions de montage et les normes d'installation électroniques des normes compatibles avec la réglementation en vigueur.

A instalação dos aparelhos enterrados deve ser feita por pessoal qualificado, empregando a máxima precaução e de acordo com as instruções de montagem e as normas de instalação eletrônica consagradas na regulamentação em vigor.



1- Evite siempre colocar las luminarias en vaguesadas o depresiones del terreno.

1- Always avoid installing the lamps in watercourses or depressions in the ground.

1- Toujours éviter de placer les luminaires dans les talwegs ou dépressions du terrain.

1- Evite sempre colocar as luminárias em vales por onde as águas tendam a escorrer ou depressões do terreno.

2- Es indispensable crear un drenaje eficaz para todos los aparatos (arena de gravilla de 25 a 30 mm) con el objetivo de evitar el estancamiento de agua en el fondo del surco donde se instalan los aparatos. Un drenaje correcto debe permitir la absorción de 5 litros de agua en 8 minutos.

2- It is essential to create efficient drainage for all the devices (25 to 30mm of gravel) in order to avoid water collecting in the bottom of the hole in which they are installed. Proper drainage should allow the absorption of 5 litres of water in 8 minutes.

2- Il est essentiel de créer un drainage efficace pour tous les appareils (sable gravies gravier de 25-30 mm) afin d'éviter la stagnation d'eau dans le fond de la gorge où les appareils sont installés. Un drainage adéquat doit permettre l'absorption de 5 litres d'eau en 8 minutes.

2- É indispensável criar uma drenagem eficaz para todos os aparelhos (areia tipo gravilha de 25 a 30 mm) com o objetivo de evitar a acumulação de água no fundo do sulco de instalação dos aparelhos. Uma drenagem correta deve permitir a absorção de 5 litros de água em 8 minutos.

3- En lo referente a los aparatos encastrados en cemento u hormigón y habida cuenta de la tendencia de estos materiales a sufrir dilatación o compresión debido a los cambios de temperatura, es preciso prever un recubrimiento de dilatación y asegurarse de que el surco esté perfectamente nivelado con el pavimento.

3- In the case of devices embedded in cement or concrete and bearing in mind the tendency of these materials to suffer dilation or compression due to changes of temperature, it is essential to include an expansion joint and ensure the hole is perfectly level with the paving.

3- En ce qui concerne l'appareil encastré dans du ciment ou de béton et étant donné la tendance de ces matériaux à subir une dilatation ou une compression due aux variations de température, il est nécessaire de prévoir un revêtement de dilatation et faire en sorte que la rainure est parfaitement au ras du trottoir.

3- No que toca aos aparelhos encastrados em cimento ou betão, é necessário tomar em consideração a tendência que estes materiais têm para sofrer dilatação ou compressão devido às variações da temperatura. Por isso, deve providenciar-se um revestimento de dilatação e assegurar que o sulco está perfeitamente nivelado com o pavimento.

4- Para una correcta conservación de las balizas, recomendamos su aplicación sobre una pilastra, y nunca directamente sobre tierras o césped.

4- To ensure the proper conservation of bollards we recommend their installation on a plinth, never directly onto the ground or lawn.

4- Pour un bon entretien des balises, nous recommandons l'application d'un pilier, et jamais directement sur le sol ou l'herbe.

4- Para uma conservação correta dos elementos balizadores, recomendamos a sua aplicação sobre um pilar e nunca diretamente sobre terra ou relvado.

5- La conexión entre los aparatos debe efectuarse mediante cable flexible tipo H05RN-F o H07RN-F con el fin de facilitar el mantenimiento de los aparatos y evitar los esfuerzos sobre los prensacables durante la instalación.

5- The connection between devices must be made using H05RN-F or H07RN-F type flexible cable in order to facilitate their maintenance and avoid strain on the cable grips during installation.

5- La connexion entre les appareils doit être faite en utilisant un câble souple du type H05RN-F ou H07RN-F afin de faciliter la maintenance de l'appareil et éviter des pressions sur la presse-à-câbles au cours de l'installation.

5- A ligação entre os aparelhos deve ser feita através de um cabo flexível do tipo H05RN-F ou H07RN-F com o fim de facilitar a manutenção dos mesmos e evitar esforços os buçins durante a instalação.

6- Siga detenidamente las instrucciones de montaje durante la instalación y operaciones de mantenimiento.

6- Follow the instructions carefully during installation and maintenance operations.

6- Suivez attentivement les instructions de montage lors de l'installation et pendant les opérations de maintenance.

6- Siga atentamente as instruções de montagem durante a instalação e operações de manutenção.

7- Para minimizar la posible condensación de vapor de agua dentro del aparato, debe hacerse funcionar durante 1 hora sin el cristal de protección, transcurrido ese periodo de tiempo, ciérrelo inmediatamente.

7- To minimise possible condensation inside the device, turn it on for 1 hour without the protective glass, closing it immediately once this time has elapsed.

7- Afin de minimiser l'éventuelle condensation de vapeur d'eau dans l'appareil, on doit le faire marcher pendant une heure sans verre de protection. Après cette période de temps, fermer l'appareil immédiatement.

7- Para minimizar uma possível condensação de vapor de água dentro do aparelho, este deve funcionar durante 1 hora sem vidro de proteção e, passado esse tempo, deve ser imediatamente fechado.

8- Todas las valoraciones y decisiones técnicas deben ser tomadas por el responsable del departamento técnico, limitando los comentarios o propuestas realizadas por personas ajenas a dicho departamento.

8- All technical evaluations and decisions must be made by the head of the technical department. The comments and suggestions of people outside this department should be considered with due caution.

8- Toutes les évaluations et les décisions techniques sont à prendre par le responsable du département technique, ce qui limite les observations et propositions faites par des personnes extérieures au département.

8- Todas as avaliações e decisões técnicas devem ser tomadas pelo responsável do departamento técnico, evitando-se observações ou propostas de pessoas alheias a esse departamento.

- El cristal puede alcanzar temperaturas elevadas, por lo tanto evite el contacto con personas o cosas. Se aconseja una limpieza frecuente del exterior del aparato, para evitar así que materiales extraños impidan la disipación del calor con la consiguiente alteración de los componentes y pérdida de estanqueidad.

- The glass may reach high temperatures, so avoid its contact with people or objects. Frequent cleaning of the outside of the device is recommended to avoid foreign objects and materials preventing heat dissipation, with the consequent effect this will have on components and the loss of water-tightness.

- Le verre peut atteindre des températures élevées, donc il faudrait éviter tout contact avec des personnes ou des choses. Nous recommandons un nettoyage fréquent de la partie extérieure de l'appareil, afin d'éviter les matières étrangères d'empêcher la dissipation de la chaleur qui pourrait provoquer une altération des composants et la perte d'étanchéité.

- O vidro pode atingir temperaturas elevadas, razão pela qual o contacto com pessoas ou objetos deve ser evitado. aconselha-se uma limpeza frequente do exterior do aparelho para evitar que materiais estranhos impeçam a dissipação do calor e levem a uma alteração dos componentes e perda de estanqueidade.

Dando cumplimiento a la Ley para la defensa de los Consumidores, GRUPO NOVOLLUX garantiza los productos adquiridos de los eventuales vicios ocultos o defectos originarios de fabricación. Su durabilidad siempre dependerá de lo siguiente:

- No utilizar en ningún caso atornilladores mecánicos en empotrables de suelo.
- Utilizar siempre en la instalación el cable recomendado por el fabricante o de superior calidad.
- Toda sustitución de cualquier pieza original suministrada por el fabricante (Incluyendo la tornillería) anula automáticamente la garantía.
- El uso de silicona exige a Novolux de toda responsabilidad.
- Cualquier manipulación anula automáticamente la garantía.
- Una mala utilización del Racor (prensaestopa) anula automáticamente la garantía.
- Novolux recuerda a sus clientes que la instalación de su material en lugares de concurrencia pública quedan bajo la responsabilidad del prescriptor o instalador, ya que Novolux vende exclusivamente iluminación de interior y exterior residencial.
- La selección del material por parte de los clientes exige a Novolux de una posible aplicación Incorrecta.
- Novolux sólo se responsabilizará de la calidad de sus productos, siempre que se sigan las recomendaciones indicadas y declarará toda la responsabilidad por la:
 - Aplicación inadecuada de las luminarias o de las lámparas empleadas
 - Incorrecto suministro eléctrico.
 - No seguir las instrucciones de instalación y mantenimiento.
 - Agentes externos.
- Los gastos producidos en la solución de un problema ajeno a la calidad de la luminaria (desplazamientos del técnico, reparación de las luminarias... etc), serán facturados al cliente.

In compliance with consumer protection legislation, GRUPO NOVOLLUX guarantees the products acquired against any latent or manufacturing defects. The durability of these products will depend on the following:

- Never use mechanical screwdrivers on recessed ground lights.
- In the installation, always use the cable recommended by the manufacturer or one of a higher quality.
- The replacement of any original part supplied by the manufacturer (Including screws etc.) automatically annuls the guarantee.
- The use of silicon frees Novolux from any liability.
- Any manipulation of the device automatically annuls the guarantee.
- Improper use of the cable grip automatically annuls the guarantee.
- Novolux reminds customers that the installation of products in areas of public transit is entirely the responsibility of the purchaser or installer, as Novolux sells lighting exclusively for the interior and exterior of residences.
- The choice of material by customers frees Novolux from any liability for improper application.
- Novolux is solely liable for the quality of its products when the recommendations indicated herein are followed, and declines any liability for:
 - Improper application of the luminaires or the lamps employed.
 - Incorrect electrical supply.
 - Failure to follow the installation and maintenance instructions.
 - External agents.
- The expenses produced in resolving any problem unrelated to the quality of the product (technician's travelling expenses, cost of repair, etc.), which will be invoiced to the customer.

En conformité avec la loi pour la défense des consommateurs, NOVOLLUX GROUP garantit les produits achetés auprès de tous les vices cachés ou vices de fabrication d'origine.

- Sa durabilité dépendra toujours de ce qui suit:
- Ne jamais utiliser de tournevis mécanique pour les encastrables de sol.
 - Toujours utiliser, lors de l'installation, du câble recommandé par le fabricant, ou de meilleure qualité.
 - Tout remplacement de toute pièce d'origine fournie par le fabricant (y compris les vis) annule automatiquement la garantie.
 - L'utilisation de silicone exempte Novolux de toute responsabilité.
 - Toute manipulation annule automatiquement la garantie.
 - Une mauvaise utilisation du Racor (presse...) annule automatiquement la garantie.
 - Novolux rappelle à ses clients que l'installation de son équipement dans des espaces de fréquentation publique est responsabilité du prescripteur ou de l'installateur, puisque Novolux conçoit et vend exclusivement de l'éclairage résidentiel, intérieur et extérieur.
 - Le choix des matériaux de la part de ses clients, exempte Novolux d'une mauvaise application de ceux-ci.
 - Novolux est uniquement responsable de la qualité de ses produits à condition que les recommandations indiquées ci-dessus soient suivies, et décline toute responsabilité pour:
 - La mise en œuvre inadéquate des luminaires ou des lampes employées
 - Une alimentation électrique Incorrecte.
 - Ne pas suivre les instructions d'installation et de maintenance.
 - Des agents externes.
 - Des dépenses engagées dans la résolution d'un problème non lié à la qualité du luminaire (déplacement du technicien de réparation des luminaires, etc), seront facturées auprès du client.

Em cumprimento da lei sobre a defesa dos consumidores, o GRUPO NOVOLLUX presta garantia dos produtos adquiridos relativamente a eventuais vícios ocultos ou defeitos originais de fabrico. A respetiva validade depende sempre dos seguintes fatores:- Não devem serem utilizadas, em caso algum, aparafusadoras mecânicas em artigos encastráveis no pavimento.

- Para instalação deve ser utilizado sempre o cabo recomendado pelo fabricante ou de qualidade superior.
- Todas as substituições de qualquer peça de origem fornecida pelo fabricante (Incluindo parafusos) anula automaticamente a garantia.
- A utilização de silicone isenta a Novolux de toda e qualquer responsabilidade.
- Qualquer manipulação anula automaticamente a garantia.
- A utilização Incorrecta da peça de ligação (bucim) anula automaticamente a garantia.
- A Novolux deseja recordar os clientes de que a instalação do seu material em locais abertos ao público é da responsabilidade do prescriptor ou instalador, uma vez que a Novolux vende exclusivamente iluminação de interior e exterior residencial.
- A seleção do material por parte dos clientes isenta a Novolux da responsabilidade por uma possível aplicação Incorrecta.
- A Novolux só se responsabiliza pela qualidade dos produtos quando as recomendações indicadas forem seguidas e declara toda e qualquer responsabilidade em caso de:
 - Aplicação inadequada das luminárias ou das lâmpadas utilizadas.
 - Alimentação elétrica Incorrecta.
 - Não observação das instruções de instalação e manutenção
 - Agentes externos.
- Os custos Incorridos na resolução de um problema alheio à qualidade da luminária (deslocamento do técnico, reparação das luminárias, etc) serão imputados ao cliente.



- En el cambio de las lámparas y antes de cerrar las luminarias se debe limpiar las juntas para evitar que se depositen restos de tierra y/o hierba.
- When changing the lamps, the joints should be cleaned prior to closing the luminaire to avoid the accumulation of earth and/or grass.
- Pendant le changement des lampes et avant de fermer les luminaires, on doit bien nettoyer les jointes pour éviter des résidus de terre et/ou de gazon de s'y déposer.
- Ao trocar as lâmpadas, antes de fechar as luminárias deve limpar-se as juntas para evitar o depósito de restos de terra e/ou relva.



- No instalar más de un cable por cada salida.
- Do not install more than one cable in each outlet.
- Ne pas installer plus d'un câble par sortie.
- Não instalar mais do que um cabo por saída.



- Instalar sobre una pilastra a un nivel superior.
- Install on a plinth at a higher level.
- Installer sur un pilier à un niveau supérieur.
- Instalar sobre um pilar num nível superior.



CONDICIONES DE VENTA

Todos los pedidos cursados a Grupo Gestión Integral Novolux Internacional, S.L. en adelante "NOVOLUX", implican la aceptación íntegra, por parte del comprador, de las presentes Condiciones Generales de Venta, salvo condiciones particulares pactadas.

1. Precios

Para todo tipo de pedido en **Oferta Comercial Estándar y Bajo Pedido (con referencia en catálogo)** se aplicará la tarifa y condiciones comerciales vigentes en la fecha de recepción de dicho pedido.

Para aquellos pedidos de **Ejecuciones Especiales (sin referencia en catálogo)**, se deberá solicitar una oferta por escrito a NOVOLUX.

Sólo se aplicarán los **precios especiales de las ofertas**, sobre los pedidos íntegros de los mismos. Cualquier alteración sobre la oferta íntegra original por parte del cliente, puede suponer una revisión de las condiciones iniciales de la oferta.

2. Gestión Pedidos

Un pedido no se considerará recepcionado, hasta que la totalidad del mismo se haya cursado correctamente (referencia, color, accesorios, P.V.P. etc.).

El envío de un pedido a NOVOLUX expresara la voluntad de compra por parte del cliente. En el caso que el pedido no pueda ser servido, por el motivo que sea, NOVOLUX informará al cliente de dicha imposibilidad en la mayor brevedad posible. Los pedidos con precios erróneos o discrepancias con las condiciones registradas y/o acordadas por NOVOLUX, no serán tramitados hasta recibir la confirmación escrita del cliente. El correo (e-mail) al cual NOVOLUX solicitará dicha confirmación y aceptación será el que se indique en el pedido recibido del cliente.

Cualquier Pedido recibido que incluya referencias que supongan Ejecuciones Especiales y/o Bajo Pedido requerirá ser aceptado por parte de NOVOLUX, confirmando en factibilidad de producción, precio y plazo de entrega antes de su tramitación. NOVOLUX solicitará el pago por anticipado de, como mínimo, el 30% del valor del pedido (impuestos incluidos).

Los pedidos recibidos que no indiquen lo contrario serán servidos parcialmente en caso de no disponer en stock de la totalidad de los ítems incluidos en él y los portes tendrán la misma condición que el pedido original, entregando los restos de pedido a portes pagados si el pedido ya cumplía la condición inicialmente.

Aquellos pedidos en los que no se indique la voluntad expresa del cumplimiento de un plazo de entrega, serán gestionados según se expone en el punto anterior. En el caso que el cumplimiento del plazo de entrega del pedido total o parcialmente sea requisito indispensable para el cliente, este deberá solicitar plazo de entrega por escrito a NOVOLUX.

Todo pedido inferior a 100€ netos tendrán un cargo de 15€ por gastos de gestión.

3. Devoluciones

Para realizar cualquier devolución, se deberá solicitar autorización previamente a NOVOLUX.

Los productos de **Ejecuciones Especiales, Bajo Pedido o descatalogados no podrán ser devueltos**, ni aun proponiendo una depreciación.

Los productos que sean objeto de solicitud de devolución deben haber sido facturados dentro de los 60 días anteriores a la solicitud.

No se aceptarán devoluciones de productos que no estén en perfecto estado para la venta, incluido su embalaje original. Si por esta causa el cliente solicita el retorno de la mercancía devuelta, el envío de retorno será a portes debidos.

El plazo de devolución del material a NOVOLUX, una vez autorizada, será de máximo 10 días.

A todo producto devuelto se le **aplicará la siguiente depreciación sin excepción**:

- Solicitud hasta 30 días posteriores a la fecha de factura..... 10% de depreciación sobre el valor de la devolución, con un mínimo de 20€ por gastos de gestión.
- Solicitud hasta 60 días posteriores a la fecha de factura..... 15% de depreciación sobre el valor de la devolución, con un mínimo de 20€ por gastos de gestión.

4. Entregas / Transportes

Salvo que se acuerden otros términos de transporte, las mercancías viajarán por cuenta y riesgo del comprador en condiciones franco fábrica (EXWORKS para envíos internacionales).

Los pedidos que no lleguen a portes francos mínimos (consulte importe de su zona) y no indiquen medio de transporte del cliente, serán enviados con portes cargados en factura.

No se admitirán reclamaciones por roturas o incidencias en el transporte transcurridas 72 horas desde de la recepción de la mercancía.

NOVOLUX sólo se responsabilizará de las incidencias en la entrega, cuando envíe mercancías a portes pagados (a cargo de NOVOLUX).

Los riesgos concernientes a la devolución de las mercancías, correrán siempre a cargo del comprador.

5. Plazos de disponibilidad (franco fábrica)

Los plazos de disponibilidad de mercancía dados por NOVOLUX son siempre aproximados y pueden estar sujetos a variaciones debidas a los propios procesos de gestión de los pedidos, o a terceros responsables del transporte de mercancías y/o suministro de componentes.

Estas posibles variaciones en los plazos, en ningún caso suponen aceptación de responsabilidad o de penalizaciones por demora por parte de NOVOLUX.

6. Proyectos de iluminación

Como servicio adicional a nuestros clientes, disponemos de nuestro propio Departamento Técnico de Proyectos, donde pueden consultar cualquier necesidad luminica de interior y exterior.

El nivel de prestación de nuestras realizaciones, se adecua a las necesidades de cada proyecto.

7. Muestras

Las muestras de material deberán ser solicitadas mediante pedido y serán facturadas.

El plazo de devolución de las muestras a NOVOLUX, será de un máximo de 30 días desde la fecha que figure en el albarán de entrega y se devolverán a portes pagados.

Las muestras devueltas que no estén en condiciones para la venta (en perfecto estado y con su embalaje original), no podrán ser abonadas.

8. Calidad

Los productos suministrados por NOVOLUX, cumplen con la directiva RoHS 2002/95/CE y con la Norma Europea que marcan las directivas 2006/95/CE indicándose de forma visible tanto en el producto como en su caja exterior. Además, de haber sido sometidos a rigurosos controles de calidad que garantizan su correcto funcionamiento.

NOVOLUX, trabaja permanentemente para mejorar y adecuar sus productos.

Por ello, nos reservamos el derecho a modificar, suprimir o ampliar nuestros productos en catalogo sin previo aviso, y sin que ello sea motivo de reclamaciones.

Dependiendo de los materiales de fabricación y para su máxima optimización en el tiempo, NOVOLUX recomienda realizar los trabajos de mantenimiento con la periodicidad necesaria.

9. Garantía

Todos los productos de NOVOLUX, poseen de un periodo de garantía de 2 años desde la fecha de factura de NOVOLUX.

Bajo solicitud, se puede valorar una extensión de garantía u ofrecer una garantía de proyecto personalizada, tras evaluar las condiciones de aplicación.

En el caso de las lámparas, se garantizarán 2 años, siempre que se cumplan las siguientes condiciones de aplicación:

- temperatura ambiente de max. -10°C a +40°C

- min. 10mm de espacio alrededor del cuerpo de la lámpara

- la instalación eléctrica en la que funcione el producto no debe estar sometida a fluctuaciones de tensión dentro de un intervalo que sobrepase el nominal de la red +/- 10%

- máx. 50.000 conmutaciones rápidas (tiempo entre encendido y apagado inferior a 30s)

En caso de no cumplirse estas condiciones, se aplicará la garantía legal de 6 meses contra defectos de fabricación.

El Departamento Técnico de NOVOLUX es el único autorizado para determinar si se trata de un defecto de fabricación, después de recibir por escrito la incidencia, donde se exigirá la factura de venta para verificar la fecha.

La responsabilidad de NOVOLUX cubre la sustitución del producto defectuoso, por el mismo modelo u otro similar, o el abono de su valor en caso de que ya no se fabrique o no se encuentre disponible. No le será exigible ninguna otra responsabilidad por garantía o cualquier otro concepto, explícita o implícita, salvo la aquí establecida.

NOVOLUX no asume la responsabilidad por la mala utilización y/o aplicación de sus productos. Nuestros productos perderán su garantía en caso de que sean manipulados indebidamente o instalados incorrectamente.

Quedan excluidos de la garantía los defectos y deterioros causados por el desgaste o uso, por causa de fuerza mayor, mantenimiento defectuoso, o por el uso inadecuado del producto no especificado ni autorizado previamente por el vendedor.

Las intervenciones a título de garantía no tendrán como efecto la prolongación de la duración de la misma.

10. Reserva de propiedad

NOVOLUX se reserva el derecho de propiedad de todos los materiales que suministre, hasta que el comprador haya hecho efectivo el pago total de los mismos.

11. Jurisdicción

Para cualquier discrepancia o litigio que se derive de las citadas Condiciones Generales de Venta, ambas partes se someten a la competencia de los Juzgados y Tribunales de Barcelona, con expresa renuncia a su fuero propio.



SALES CONDITIONS

All placed orders to Grupo Gestión Integral Novolux Internacional S.L. hereinafter "NOVOLUX" imply that the customer fully accepts the General Conditions of Sale, except where there are specific agreed-upon conditions.

1. Prices

For all orders made under the **Standard Commercial Offer and On Request (with catalog reference)**, the pricing in force on the date of reception of said order will be applicable, as will all agreed discounts.

For all orders made as **Special Operations (without catalog reference)**, a written quote should be requested from NOVOLUX.

Specials offer prices will only be applicable to orders which consist entirely of said products. Any alteration to the original order by the customer may result in a review of the initially stipulated terms and conditions.

2. Processing of Orders

Any order may not be considered as fully received until the order has been properly placed -full details have been indicated such as full reference, accessories, R.R.P., etc)

Any order placed by a customer with NOVOLUX represents confirmation of the customer's good faith. In the event that the order can not be served, for any reason, NOVOLUX will inform the customer of such impossibility in the shortest possible time. Orders with erroneous prices or discrepancies with the agreed conditions with NOVOLUX, will not be processed until receipt of a written acceptance by the client. The confirmation and acceptance required will be sent to the email indicated in the order.

Any placed order that includes references which require special operations should be accepted by NOVOLUX in terms of manufacturability, price and delivery date, for subsequent processing. Novolux shall require a minimum 30% prepayment of the order total value.

Unless otherwise indicated, in the event that all the items included in a placed order are not in stock, orders will be partially dispatched, with freight charges subject to the same terms and conditions as the original order, with the rest of the order dispatched freight-paid if the order initially met the pertinent terms and conditions.

Those orders which do not expressly indicate the date of delivery will be processed as stipulated in the previous point. In the event that compliance with the total or partial delivery date represents an indispensable requirement for the customer, a written delivery date quote should be requested from NOVOLUX.

The minimum order amount is €100 net. Any smaller orders will be subject to a €15 surcharge for management costs.

3. Returns

Authorization from NOVOLUX should be sought before returning goods.

Products include as **Special Operations, On Request or discontinued may not be returned** nor will they be subject to depreciation.

The products included in return requests need to have been invoiced within the 60 days prior to the request.

Refunds will not be made on goods which are not in a saleable condition and will be returned to the customer freight collect.

Once the authorization has been received, the goods in question should be returned to NOVOLUX within 10 days.

All returned products **without exception will be subject to depreciation:**

- Up to 30 days after request..... 10% depreciation based on the return value or €20 processing costs.

- Up to 60 days after request..... 15% depreciation based on the return value or €20 processing costs.

4. Delivery

Goods will be shipped at the buyer's risk and expense, unless specific terms and conditions are agreed to the contrary, Incoterms 2010 EXW.

Shall not be considered, claims for breakages or transport incident within 72 hours of the reception of the products.

Novolux will be responsible of delivery claims if they dispatch the order with freight-paid conditions.

The risks related to the returns of the products, shall be borne by the buyer.

5. Availability and delivery times

The availability and delivery times given by NOVOLUX are always approximate and may be subject to variations due to order management process or third parties responsible of the transports and / or supply components.

In any case these possible variations in timing represent acceptance of liability or penalties for delay by NOVOLUX.

6. Lighting Projects

As an additional free service to our customers, we have our own Light Projecting Department, available for any indoor or outdoor lighting queries.

The project development of our Lighting Projecting Department, is adapted to the needs of each project.

7. Samples

Samples shall be requested through an order and will be invoiced.

The deadline for return of samples to NOVOLUX, will be a maximum of 30 days from the date of the delivery note.

The returned samples that are not under saleable conditions (perfect condition and In its original packaging) may not be repaid.

8. Quality Standards

Products supplied by NOVOLUX, meet RoHS directive 2002/95/CE the European standard mark EC directives 2006/95/EC those certifications are visibly marked both on the product and on it's outer case. Those products have also passed strict quality tests to ensure proper operation.

NOVOLUX, works constantly to improve and adapt their products.

Therefore, we reserve the right to modify, replace or expand our products without prior notice and without a cause for complaints

Depending on the manufacturing and materials for maximum optimization time, NOVOLUX recommended maintenance works regularly as required.

9. Warranty

All NOVOLUX products, have a warranty period of 2 years from the time of purchase, any replacement during this period will be free of charge if faulty on origin or malfunction due to manufacturing.

Lamps have a warranty period of 2 years if the following conditions are met:

- Maximum ambient temperature from -10°C to +40°C
- 10mm minimum space around the body of the lamps
- The electrical installation of the lamp cannot be subjected to voltage fluctuations within a range that exceeds the +/- 10% nominal network.
- Maximum 50.000 fast switching. (on and off time less than 30s)

If these conditions are not met, the legal 6 months warranty against manufacturing defects applies.

The NOVOLUX Technical Department is the sole body authorized to determine if there are manufacturing defects, having first received written notification of the incident, with a dated sale delivery note required.

NOVOLUX's responsibility is limited to the replacement or refund of the price of the defective products, with no other responsibility for any warranty or other concept, either explicit or implicit, except that established herein.

Our products will lose their warranty if they are improperly used or installed incorrectly.

Excluded from warranty defects and damage caused by wear or use by foreign accident, faulty maintenance, or misuse of the product specified or approved in advance by the seller.

Interventions by way of security shall not have the effect of prolonging the duration of it.

10. Property rights

NOVOLUX remains the owner of any materials sold until a full payment for those products has been issued to us. Please note, in case of failing to pay all products due to pay may be repossessed.

11. Jurisdiction

Any dispute or litigation arising either from the General Conditions of Sale or any other matter regarding our company, both parties agree unconditionally to submit to the jurisdiction of the courts of Barcelona (SPAIN), expressly waiving their own jurisdiction.



CONDITIONS GÉNÉRALES DE VENTE

Toute commande reçue par Grupo Gestión Integral Novolux Internacional S.L., nommé "NOVOLUX", implique l'adhésion entière et sans réserve aux présentes Conditions Générales de Ventes, sauf conditions particulières consenties par écrit au Client.

1. Prix de vente

Toute commande de produits en **Offre Commerciale Standard** et « **Sur Demande** » (**produits référencés en catalogue**) est facturée hors taxe, au tarif en vigueur à la date de la réception de la commande et sur la base des remises éventuellement accordées. La classification et la remise sur nos produits auront été fixées et négociées avec notre Service Commercial.

Toute commande de produits sur **Fabrication Spéciale (produits non référencés/hors catalogue)**, est précédée d'un devis gratuit faisant l'objet d'une demande par écrit adressée à NOVOLUX.

NOVOLUX se réserve la possibilité de demander le paiement anticipé total ou partiel des commandes de produits sur **Fabrication Spéciale ou Sur Demande**.

Les prix mentionnés dans le devis fait au Client sont valables uniquement sous réserve de non modification des données de la commande à la base du devis établi. Toute modification par le Client postérieurement à l'établissement du devis supposera une révision des conditions initiales du devis.

2. Traitement des Commandes

Toute commande reçue par NOVOLUX implique nécessairement la volonté de confirmation de la part du Client. NOVOLUX se réserve le droit de manifester la non-acceptation de la commande ou d'émettre des objections à son acceptation dans les plus brefs délais, notamment dans les cas suivants :

Toute commande reçue pour des produits supposant une Fabrication Spéciale, sans devis établi au préalable, fera l'objet d'une étude de la part de NOVOLUX pour évaluer la faisabilité de fabrication, le prix et le délai de livraison prévu pour son exécution.

Le montant minimum de commande est de 100 € nets indépendamment des incoterms pactés ou du pays de destination de la marchandise. Toute commande inférieure fera l'objet de frais de gestion forfaitaires d'un montant de 15 € facturés au Client en sus du prix de la commande.

Pour toute commande inférieure au montant du franco établi suivant le pays de destination, des frais de port ou une participation forfaitaire aux frais de port seront facturés au Client pour l'acheminement des produits par le transporteur mandaté par NOVOLUX.

En cas de non disponibilité de la totalité de la commande, celle-ci fera l'objet d'une livraison partielle, sauf indication du contraire de la part du Client, et suivant les mêmes modalités de port que la commande initiale. Les éventuels reliquats seront livrés franco de port si la commande initiale atteignait le franco.

Toute commande sur laquelle une date de livraison ferme n'est pas expressément indiquée sera exécutée comme décrit dans le point ci-dessus. Dans le cas où le strict respect du délai de livraison de la commande, dans sa totalité ou partiellement, est un impératif absolu, le Client devra demander confirmation du délai par écrit à NOVOLUX.

Toute commande sur laquelle figurent des prix erronés ou des conditions différentes de celles enregistrées et/ou pactées avec NOVOLUX sera mise en suspens dans l'attente de recevoir la confirmation du Client par écrit. NOVOLUX adressera au Client une demande de confirmation et acceptation à la même adresse mail ou numéro de fax indiqué sur la commande reçue.

3. Retours et Remboursements

Toute demande de retour doit faire l'objet d'une autorisation expresse auprès de NOVOLUX. Le retour ne pourra s'effectuer qu'après l'obtention de l'autorisation correspondante.

Les produits de **Fabrication Spéciale ou Sur Demande** ne feront pas l'objet de reprise, ni avec un éventuel démerite.

Toute demande de retour devra s'effectuer dans un délai maximum de 60 jours à compter de la date de facturation.

Le retour auprès de NOVOLUX s'effectuera dans un délai maximum de 10 jours à compter de la date d'autorisation.

Tout produit retourné sera soumis sans exception à une démerite suivant l'échelle suivante:

- 10% de démerite sur le prix facturé ou 20€ de frais de gestion pour tout retour dans les 30 jours.

- 15% de démerite sur le prix facturé ou 20€ de frais de gestion pour tout retour dans les 60 jours.

Tout produit retourné qui ne sera pas en parfaite condition et apte à la vente ne fera pas l'objet d'un avoir et sera renvoyé au Client en port dû.

4. Livraisons

Les produits voyagent aux frais et risque du Client en conditions FOB ou EXW selon Incoterms 2010, sauf conditions particulières pactées.

Toute réclamation pour incident lors du transport doit être faite dans les 72 heures suivant la réception de la marchandise.

Les risques relatifs au retour des produits seront toujours à la charge du Client.

5. Délais et disponibilité (sortie usine)

Une commande ne sera pas considérée bien reçue tant que la commande dans sa totalité n'aura pas été correctement passée (référence, couleur, accessoires, prix, etc.).

Tout délai de livraison est approximative et peut avoir des modifications en raison des processus de traitement, des modes et agents d'expédition et transport ou par les délais de réception des composants en usine.

La responsabilité de NOVOLUX ne pourra être mise en cause par des retards éventuels et ceux-ci ne pourront donner lieu à aucune pénalité.

6. Projets d'éclairage

Pour compléter notre offre de service à nos clients, NOVOLUX dispose d'un Bureau d'Études intégré pour vous conseiller dans vos projets d'éclairage intérieur et extérieur. Nos prestations s'adaptent aux besoins de chaque projet.

7. Qualité

Les produits fournis par NOVOLUX sont conformes aux directives européennes 73/23 CEE et 93/68 CEE. Celles-ci sont clairement identifiables sur le produit et son emballage extérieur. Nos produits ont été soumis à de rigoureux contrôles de qualité qui garantissent leur bon fonctionnement.

NOVOLUX travaille en permanence à l'amélioration et l'adaptation de ses produits. En conséquence, nous nous réservons le droit de modifier, supprimer ou développer nos produits sans préavis et sans que cela ne constitue un motif de réclamation.

NOVOLUX recommande un entretien régulier de ses produits en fonction des matériaux de fabrication, afin d'en assurer le bon fonctionnement et le bon état de conservation. Des recommandations sont expliquées dans nos catalogues.

8. Garantie

Les produits NOVOLUX ont une période de garantie de 2 ans à partir de leur acquisition. Au cours de cette période, ils seront remplacés gratuitement en cas de dysfonctionnement imputable à leur fabrication.

La garantie pour les lampes c'est sous des conditions suivantes:

- Température ambiante de travail de -10°C à 40°C
 - Espace vide autour de la lampe de min. 10 mm
 - Stabilité de tension électrique sur l'installation (max. +/-10% du valeur nominale)
 - Maximum 50.000 commutations rapides (temps allumé/éteint de moins 30 seconds)
- Si ces conditions ne son pas vérifiables la garantie c'est de 6 mois pour défauts de fabrication.

Le Service Technique de NOVOLUX est le seul autorisé à déterminer s'il s'agit d'un défaut de fabrication, après réception de notification de l'incidence par écrit, accompagnée impérativement du bon de livraison NOVOLUX (date du BL faisant foi).

NOVOLUX s'engage à remplacer le produit défectueux ou à en établir l'avoir au prix facturé et n'assume aucune autre responsabilité quant à la garantie ou tout autre concept explicite ou implicite.

Les interventions effectuées au titre de la garantie ne sauraient avoir pour effet de prolonger sa durée.

NOVOLUX ne pourra en aucun cas voir sa responsabilité engagée du fait d'une mauvaise utilisation ou application de ses produits. Nos produits perdront leur garantie s'ils sont modifiés, manipulés ou installés de façon inappropriée.

La garantie exclue tout défaut et détérioration causés par l'usure ou l'utilisation des produits, les accidents, les intempéries, le manque d'entretien ou l'utilisation impropre non spécifiée ou autorisée au préalable par le vendeur.

10. Réserve de propriété

NOVOLUX se réserve le droit de propriété de tous les produits fournis, jusqu'à ce que l'Acheteur ait effectué la totalité du règlement correspondant.

11. Juridiction

Pour tout différend ou litige découlant des présentes Conditions Générales de Vente, les deux parties se soumettent à la compétence de la juridiction des Tribunaux de Barcelone, renonçant expressément à toute autre juridiction.



CONDIÇÕES DE VENTA

Todos os pedidos endereçados e registados pelo Grupo Gestión Integral Novolux Internacional, S.L., daqui para a frente "NOVOLUX" implicam a aceitação na íntegra, por parte do comprador, das presentes Condições Gerais de Venda, salvo condições particulares acordadas.

1. Preços

Para todo o tipo de pedido/encomenda em **Oferta Comercial Normal e Sob Pedido (com referencia em catálogo)** se aplicará a tabela de preços vigente na data de recepção da dita encomenda/pedido, com os descontos acordados e em vigor.

Para aqueles pedidos/encomendas de **Execuções Especiais (sem referencia em catálogo)**, se deverá solicitar uma oferta/proposta por escrito a NOVOLUX.

Só se aplicará os **preços especiais das ofertas**, sobre os pedidos íntegros dos mesmos. Qualquer alteração sobre a oferta/proposta íntegra original por parte do cliente, pode supor uma revisão das condições iniciais da oferta/proposta.

2. Gestão de Pedidos/Encomendas

Um pedido não se considera recepcionado, até que a totalidade do mesmo, tenha sido processado corretamente (referencia, cor, acessórios, P.V.P., etc.).

O envio de um pedido/encomenda à NOVOLUX, expressa a vontade de compra por parte do cliente. No caso em que o pedido não possa ser servido, pelo motivo que seja, NOVOLUX informará o cliente da dita impossibilidade com a maior brevidade possível. Os pedidos com preços errados ou discrepâncias com as condições registadas e/ou acordadas pela Novolux, não serão processados até receber a confirmação escrita do cliente. O correio (e-mail) ao qual NOVOLUX solicitará a dita confirmação e acordo será o que se indica no pedido/encomenda recebido do cliente.

Qualquer pedido/encomenda recebido incluindo referencias que suponham Execuções Especiais deverá ser aceite por parte de NOVOLUX, confirmando a possibilidade de ser executado pela produção, preço e prazo de entrega antes do mesmo ser processado, para sua posterior realização. Novolux solicitará o pagamento antecipado de, pelo menos, 30% do valor do pedido (impostos incluídos).

Os pedidos/encomendas recebidos que não indiquem o contrário serão fornecidos parcialmente em caso de não dispor em stock da totalidade dos itens incluídos nele e os valores de portes terão a mesma condição que o pedido/encomenda original, entregando os restos de pedido/encomenda a portes pagos se o pedido/encomenda já cumpria a condição inicialmente.

Aqueles pedidos/encomendas em que não se indique a vontade expressa do cumprimento de um prazo de entrega, serão geridos segundo se expõe no ponto anterior. No caso que o cumprimento do prazo de entrega do pedido/encomenda total ou parcialmente seja requisito indispensável para o cliente, este deverá solicitar prazo de entrega por escrito a NOVOLUX.

Todo o pedido inferior a 100€ Líquidos terá um custo de 15,00€ para custos de gestão.

3. Devoluções

Para realizar qualquer devolução, dever-se-á solicitar autorização prévia à NOVOLUX.

Os produtos de Execuções Especiais ou Sob Pedido ou descatalogados não podem ser devolvidos, nem mesmo estando sujeitos a uma depreciação.

Os produtos que sejam objeto de solicitação de devolução devem ter sido facturados dentro dos 60 dias anteriores à sua solicitação.

Não se aceitarão devoluções de produtos que não estejam em perfeito estado para a sua venda, incluindo a sua embalagem original. Se por este motivo o cliente solicita o retorno da mercadoria devolvida, o envio de retorno será a portes devidos, ou seja a cargo do cliente.

O prazo de devolução do material à NOVOLUX, uma vez autorizada, será de máximo 10 dias.

A Todo **produto devolvido será aplicada a seguinte depreciação** sem exceção:

-Até 30 dias posteriores à solicitação..... 10% de depreciação sobre o valor da devolução ou 20€ de custos de gestão.

-Até 60 dias posteriores à solicitação.....15% de depreciação sobre o valor da devolução ou 20€ de custos de gestão.

4. Entregas / Transportes

Salvo acordo de outros términos de transporte, as mercadorias viajarão por conta e risco do comprador em condições franco/segundo fábrica (EXWORKS para envios internacionais).

Os pedidos que não cheguem ao valor de portes mínimo acordado e não indiquem o meio de transporte do cliente, serão enviados com o valor dos portes na factura.

Não se admitirão reclamações por rupturas ou incidências no transporte transcorridas/passadas 72 horas desde a recepção da mercadoria.

NOVOLUX só se responsabilizará pelas incidências na entrega, quando se envie mercadorias a portes pagos (a cargo de NOVOLUX).

Os riscos respeitantes à devolução das mercadorias, serão sempre a cargo do comprador.

5. Prazos de disponibilidade (franco/segundo fábrica)

Os prazos de disponibilidade da mercadoria dados pela NOVOLUX são sempre aproximados e podem estar sujeitos a variações devidas aos próprios processos de gestão dos pedidos/encomendas, ou a terceiros responsáveis do transporte de mercadorias e/ou fornecimento de componentes.

Estas possíveis variações nos prazos, em nenhum caso supõem a aceitação de responsabilidade ou de penalizações por demora por parte da NOVOLUX.

6. Serviço Especial para Espanha e Portugal (CRISTHER 1 hora / DOPO 60 Minutos / EXO 60 Minutos)

O Nosso serviço especial garante a preparação do pedido e a sua colocação à disponibilidade do transitário designado nos nossos armazéns no prazo de 1 hora.

Neste serviço os artigos terão um encargo de +6%.

Os prazos de entrega da agência de transporte não são da responsabilidade da NOVOLUX.

7. Projetos de iluminação

Como serviço adicional aos nossos clientes, dispomos do nosso próprio Departamento Técnico de Projetos, onde podem consultar qualquer necessidade lumínica de interior e exterior.

O nível de prestação das nossas realizações, adequa-se às necessidades de cada projeto.

8. Amostras

As Amostras de material deverão ser solicitadas mediante um pedido/encomenda e serão facturadas.

O prazo de devolução das amostras à NOVOLUX, será no máximo de 30 dias a partir da data que figura na Guia de Remessa /Nota de entrega, e serão devolvidas com os portes pagos pelo cliente.

As amostras devolvidas que não estejam em condições para a venda (em perfeito estado e com a sua embalagem original), não poderão ser creditadas.

9. Qualidade

Os produtos fornecidos por NOVOLUX, cumprem com a diretiva RoHS 2002/95/CE e a Norma Europeia que marcam as diretivas 2006/95/CE indicando-se de forma visível tanto no produto como na sua caixa exterior. Apesar, de terem sido submetidos a rigorosos controlos de qualidade que garantem o seu correto funcionamento.

NOVOLUX, trabalha permanentemente para melhorar e adequar os seus produtos.

Por isso, reservamo-nos no direito a modificar, suprimir ou ampliar os nossos produtos sem aviso prévio, e sem que este seja motivo de reclamações.

Dependendo dos materiais de fabricação e para sua máxima otimização no tempo, NOVOLUX recomenda realizar os trabalhos de manutenção com a periodicidade necessária.

10. Garantia

Todos os produtos de NOVOLUX, possuem de um período de garantia de 2 anos a partir do momento da sua compra, ou seja data da factura. Sob pedido, poder-se-á avaliar uma ampliação da garantia a oferecer, ou uma garantia para um projeto específico, após a avaliação e análise da instalação e do ambiente e das condições de aplicação.

No caso das lâmpadas, existe um período de garantia de 2 anos, sempre que se cumpram as seguintes condições de aplicação:

- temperatura ambiente de max. -10°C a + 40°C

- min. 10mm de espaço em redor do corpo da lâmpada

- a instalação eléctrica em que funciona o produto não deve estar submetida a flutuações/variações de tensão dentro de um intervalo que ultrapasse o valor nominal da rede +/- 10%.

- máx. 50.000 comutações rápidas (tempo entre o ligado e apagado inferior a 30s)

Em caso de não se cumprirem estas condições, aplicar-se-á a garantia legal de 6 meses contra defeitos de fabrico.

O Departamento Técnico da Novolux é o único autorizado para determinar se se trata de um defeito de fabrico, depois de receber por escrito a incidência, onde se exigirá a factura de venda bem como a sua data.

A responsabilidade de NOVOLUX cobre a substituição do produto defeituoso, pelo mesmo ou outro similar, ou o crédito do seu valor no caso em que já não se fabrique ou que não se encontre disponível. Não lhe será exigido nenhuma outra responsabilidade por garantia ou qualquer outro conceito, explícita ou implícita, salvo aquela aqui estabelecida.

NOVOLUX não assume a responsabilidade pela má utilização e/ou aplicação dos seus produtos. Os nossos produtos perderão a sua garantia em caso de que sejam manipulados indevidamente ou instalados incorretamente.

Ficam excluídos da garantia os defeitos e deteriorações causados pelo desgaste ou uso, por causa de força maior, manutenção defeituosa, ou pelo uso inadequado do produto não especificado nem autorizado previamente pelo vendedor.

As intervenções a título de garantia não terão como efeito o prolongamento da duração da mesma.

11. Reserva de Propriedade

NOVOLUX reserva-se no direito de propriedade de todos os materiais que fornece, até que o comprador tenha feito o pagamento total dos mesmos.

12. Jurisdição

Para qualquer discrepância ou litígio que derive das citadas Condições Gerais de Venda, ambas partes se submetem à competência dos Juizes e Tribunais de Barcelona, com expressa renúncia ao seu foro próprio.



















ACABADOS FINISHES FINITIONS ACABAMENTOS

Los artículos de este catálogo se suministran según el modelo, con diferentes acabados. Estos vienen representados por las dos últimas cifras del código y un recuadro de color. El color en las fotografías de producto, es orientativo debido a las variaciones de las tonalidades que ocasiona el proceso de impresión.

The articles in this catalogue are supplied according to the model, with different finishes. These are represented by icons. Colours in the product photographs are purely orientative as variations in shades may be produced in the printing process.

Les produits de ce catalogue sont fournis d'après le modèle, avec des finitions différentes. Ceux-ci sont représentés par des icônes différentes. La couleur dans les images du produit est seulement indicative à cause des variations des teintes dues par le processus d'impression.

Os artigos deste catálogo são fornecidos segundo o modelo, com diferentes acabamentos. Estes são representados por diferentes ícones. A cor do produto nas fotografias é meramente indicativa devido às variações das tonalidades provocadas pelo processo de impressão.

01 Blanco / White / Blanc / Branco

02 Negro / Black / Noir / Preto

03 Gris / Grey / Gris / Cinzento

04 Antracita / Anthracite
Anthracite / Antracite

05 Verde / Green / Verd / Verde

07 Rojo / Red / Rouge / Vermelho

09 Beige / Beige / Beige / Bege

10 Gris envejecido / Antique grey
Gris vieilli / Cinzento velho

28 Matizado / Frosted / Teinté / Fosco

29 Transparente / Transparent
Transparent / Transparente

30 Inox / Stainless steel
Acier inoxydable / Aço inox

31 Inox pulido / Brushed stainless steel
Inox poli / Inox polido

32 Cromo / Chrome / Chrom / Cromo

33 Latón / Brass / Laiton / Latão

34 Latón envejecido / Antique brass
Laiton vieilli / Latão antigo

35 Níquel satinado / Satin nickel
Nickel satiné / Níquel acetinado

36 Latón cromo / Chrome brass
Laiton chrom / Latão cromo

37 Cobre / Copper / Cuivre / Cobre

38 Acero zincado / Zinc-plated Steel
Acier zingué / Aço zincado

39 Aluminio anodizado / Anodized aluminum
Aluminium anodisé / Aluminio anodizado

40 Aluminio cepillado / Brushed aluminum
Aluminium brossé / Aluminio cepillado

41 Acero Galvanizado / Galvanized Steel
Acier galvanisé / Aço galvanizado

42 Burdeos cepillado / Brushed Burgundy
Bordeaux brossé / Bordeaux cepillado

50 Madera Roble / Oak Wood
Bois chêne / Madeira Carvalho

51 Madera Haya / Beech Wood
Bois hêtre / Madeira faia

52 Madera Cerezo / Cherry Wood
Bois de cerisier / Madeira Cerejeira

60 Piedra Leccese / Leccese stone
Pierre Leccese / Pedra Leccese

63 Piedra Leccese marrón / Leccese brown stone
Pierre Leccese brun / Pedra Leccese brown

64 Piedra Crema / Cream stone
Pierre Crème / Pedra Creme

65 Piedra Ardesia / Ardesia stone
Pierre Ardesia / Pedra Ardesia

71 Piedra Lavica / Lavica stone
Pierre Lavica / Pedra Lavica

74 Marmol Travertino / Travertino marble
Marbre Travertino / Mármore Travertino

75 Marmol de Carrara / Carrara marble
Marbre de Carrara / Mármore do Carrara

90 Marrón óxido / Oxide brown
Rouille / Marrom óxido

91 Marrón cobrizo / Copper brown
Brune cuivre / Marrom cobre

92 Cristal / Glass / Verre / Vidro

ACABADOS ESPECIALES **SPECIAL FINISHES** **FINITIONS SPÉCIALES** **ACABAMENTOS ESPECIAIS**

Todos nuestros modelos con acabados en color negro, pueden suministrarse patinados a mano. La uniformidad de esta técnica es aleatoria debido al proceso artesanal y tienen un recargo del 18% y un plazo de entrega máximo de 6 días hábiles posteriores a la entrega standard.

All of our models in black aluminium, polyamide, nylon or glass can be supplied in hand-polished finishes (special finishes). The uniformity of this technique is random due to the manual processes involved. A surcharge of 18% is applicable to these special finishes, and their delivery term is 6 days.

Tous nos modèles d'aluminium, polyamide, nylon et verre en couleur noire, peuvent être fournis avec des finitions patinées à la main (finitions spéciales). L'uniformité de cette technique est aléatoire à cause du processus artisan. Ces finitions spéciales ont un supplément de 18% et un délai de livraison de 6 jours.

Todos os nossos modelos de alumínio, poliamida, nylon ou vidro de cor preta podem ser fornecidos em acabamentos patinados à mão (acabamentos especiais). A uniformidade desta técnica é aleatória devido ao processo artesanal. Estes acabamentos especiais estão sujeitos a uma sobretaxa de 18% e têm um prazo de entrega de 6 dias.



Negro-plata patinado
Black-silver
Noir-argent
Preto-prata

*

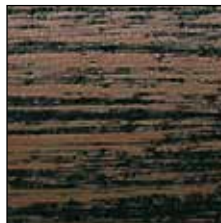


* Acabado no garantizado por dos años, ya que se pueden deteriorar con el contacto del agua y la radiación solar.

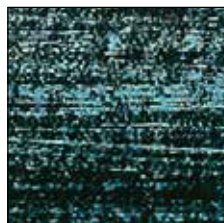
* These finishes are not guaranteed for two years as they can deteriorate on contact with water and solar radiation.

* Cette finition n'est pas garantie dans les deux ans, parce qu'elle peut se détériorer en contact avec l'eau et / ou le rayonnement solaire.

* Os acabamentos não usufruem da garantia de dois anos, pois podem sofrer deterioração em contacto com a água e a radiação solar.



Negro-marrón patinado
Black-brown
Noir-brune
Preto-marrom



Negro-verde patinado
Black-green
Noir-verd
Preto-verde





PICTOGRAFÍA SYMBOLOGY PICTOGRAFIA PICTOGRAFIA

	Luminaria para superficie en pared.	Surface mounted wall luminaire.	Luminaire pour la surface du mur.	Luminária para parede, saliente.
	Luminaria para superficie en techo.	Surface mounted ceiling luminaire.	Luminaire pour la surface du plafond.	Luminária para teto, saliente.
	Luminaria para empotrar en pared.	Recessed wall luminaire.	Luminaire pour encastrer sur le mur.	Luminária para parede, encastrável.
	Luminaria para empotrar en techo.	Recessed ceiling luminaire.	Luminaire pour encastrer sur le plafond.	Luminária para teto, encastrável.
	Luminaria para empotrar en suelo.	Recessed floor luminaire.	Luminaire encastré par sol.	Luminária para pavimento, encastrável.
	Luminaria de baliza o sobremuro.	Bollard or wall-top luminaire.	Borne ou sur mur.	Luminária elemento balizador ou de muro.
	Proyector de pared.	Spotlight-type surface for wall.	Projecteur pour la surface du mur.	Projektor para parede.
	Proyector de suelo.	Spotlight-type surface for floor.	Projecteur du sol.	Projektor para pavimento.
	Luminaria con piqueta.	Luminaire with spike.	Luminaire avec piquet.	Luminária com piquet.
	Luminaria con alimentación solar.	Solar powered luminaire.	Solaire luminaria alimenté.	Luminária com alimentação solar.
	Luminaria identificadas como clásico-residencial.	Luminaire classified as classical-residential.	Luminaire identifiée comme résidentiel-classique.	Luminária do tipo clássico-residencial.
	Luminaria de suspensión.	Pendant luminaire.	Luminaire de suspension.	Luminária de Suspensão.
	Luminaria vial tipo poste o columna.	Streetlighting post or column luminaire.	Luminaire à ampoule type poteau ou colonne.	Luminária pública do tipo com poste ou coluna.
	Luminaria sumergible.	Underwater lights.	Eclairage subaquatique.	Submersíveis.
	Iluminación decorativa.	Decorative Lighting.	Éclairage décorative.	Iluminação Decorativa.
	Luminaria de pie.	Floor lamps.	Eclairage de sol.	Luminária chão.
	Luminaria de sobremesa.	Table lamps.	Luminaire de bureau.	Luminária de escritórios.
	Ventiladores.	Ceiling fans.	Ventilateurs.	Fãs.
	Gama de productos complementarios a nuestros catálogos (lámparas, tiras led, alimentadores, conectores...)	Complementary range of products on catalogs (lamps, led strips, transformers, connectors,..)	Gamme de produits en complément sur nos catalogues (lampes, rubans Led, alimentations, connecteurs...)	Gama de produtos complementares aos nossos catálogos (lâmpadas, fitas led, alimentadores, conectores...)
	Luminaria con tecnología LED.	Luminaire with LED technology.	Luminaire à technologie LED.	Luminária com tecnologia LED.
	Novedad.	New.	Nouveauté.	Novidade.
	Ampliación de gama.	Product range enlargement.	Élargissement de gamme.	Extensão de gamma.
	Producto en final de existencia.	Only available while stocks last.	Disponible jusqu'à épuisement de stock.	Produto em fim de existência.
	Clase I; Luminaria provista de dispositivos de toma-tierra.	Class I; luminaire fitted with earth-ground devices.	Clase I; Luminaire fourni de dispositifs prise de terre.	Clase I; luminária com dispositivos de ligação à terra.
	Clase II; Luminaria que aísla doblemente las partes con tensión y no precisa dispositivos de toma-tierra.	Class II; luminaire that doubly insulates the electrified parts and does not require an earth-ground device.	Clase II; Luminaire qui isole doublement les parties avec tension et n'a pas besoin de dispositifs de prise de terre.	Clase II; luminária que tem duplo isolamento das partes sob tensão e não precisa de dispositivos de ligação à terra.
	Clase III; Luminaria alimentada a muy baja tensión y que no debe tener dispositivos toma-tierra.	Class III; luminaire with very low voltage power supply which does not require earth-ground devices.	Clase III; Luminaire alimentée à très basse tension et ne doit surtout pas avoir des dispositifs de prise de terre.	Clase III; luminária alimentada com muito baixa tensão e que não deve ter dispositivos de ligação à terra.



<p>IP</p>	<p>Grado de protección IP Según la normativa EN 60598-1, las luminarias se clasifican en función de la protección derivada de sus elementos constructivos. Su nomenclatura se simboliza mediante las letras IP seguidas de tres cifras, aunque sólo se muestren las dos primeras.</p> <p>1ª cifra: Indica la protección del material frente a la filtración de elementos extraños y polvo, así como de las personas respecto a la tensión de los componentes de la luminaria. </p> <p>0- No protegida. 1- Protegida frente a cuerpos sólidos mayores de 50 mm. 2- Protegida frente a cuerpos sólidos mayores de 12 mm. 3- Protegida frente a cuerpos sólidos mayores de 2,50 mm. 4- Protegida frente a cuerpos sólidos mayores de 1 mm. 5- Protegida contra el polvo. 6- Completa protección contra el polvo.</p> <p>2ª cifra: Indica la protección del material a la penetración de líquido. </p> <p>0- No protegida. 1- Protegida a la caída vertical de gotas de agua. 2- Protegida frente a la caída de gotas hasta un alineación de 15° respecto a la vertical. 3- Protegida frente a la lluvia. 4- Protegida contra la proyección del agua. 5- Protegida al chorro de agua. 6- Protegida a los golpes de mar. 7- Protegida a la inmersión. 8- Material sumergible.</p>	<p>Degree of IP protection In accordance with standard EN 60598-1, luminaires are classified on the basis of the protection derived from their elements of construction. The degree of protection is indicated by the letters IP followed by a 3-figure number, though only the first two numbers are shown.</p> <p>1st figure: Indicates the protection of the material against the entry of foreign bodies and dust, as well of people coming into contact with live parts in the device. </p> <p>0- Not Protected. 1- Protected against foreign objects > 50mm. 2- Protected against foreign objects > 12mm 3- Protected against foreign objects > 2.5mm. 4- Protected against foreign objects > 1mm. 5- Dust-protected 6- Completely dust-tight</p> <p>2nd figure: Indicates the protection of the material against the entry of moisture. </p> <p>0- Not protected. 1- Protected against vertically falling drops of water. 2- Protected against water drops with the housing tilted at 15° with respect to the vertical. 3- Protected against rain. 4- Protected against splashing. 5- Protected against jets of water. 6- Protected against powerful water jets. 7- Protected against temporary immersion. 8- Submersible material.</p>	<p>Indice de protection IP Conformément à la norme EN 60598-1, les luminaires sont classés en fonction de la protection dérivée de leurs éléments constructifs. Leur nomenclature est symbolisée par les lettres IP suivies de trois chiffres, même si s'affichent uniquement les deux premiers.</p> <p>1er chiffre: Indique la protection du matériel par rapport à la filtration d'éléments étrangers et de poussière, ainsi que de personnes physiques, à l'égard de la tension des composants du luminaire. </p> <p>0- Aucune protection. 1- Protégé contre les corps solides supérieurs à 50 mm. 2- Protégé contre les corps solides supérieurs à 12 mm. 3- Protégé contre les corps solides supérieurs à 2,50 mm. 4- Protégé contre les corps solides supérieurs à 1 mm. 5- Protégé contre la poussière. 6- Protection complète contre la poussière.</p> <p>2ème chiffre: Indique la protection du matériel par rapport à la pénétration de liquide. </p> <p>0- Aucune protection. 1- Protégé contre les gouttes d'eau tombant verticalement. 2- Protection contre les gouttes tombant à un alignement de 15° avec la verticale. 3- Protégé contre la pluie. 4- Protégé contre les projections d'eau. 5- Protégé contre le jet d'eau. 6- Protégé contre les coups de mer. 7- Protégé contre l'immersion. 8- Matériel submersible.</p>	<p>Grau de proteção IP Nos termos da norma EN 60598-1, as luminárias são classificadas em função da proteção derivada dos seus elementos construtivos. A sua nomenclatura é indicada pelas letras IP seguidas de três algarismos, embora só sejam mostrados os dois primeiros.</p> <p>1.º algarismo: indica a proteção do material relativamente à filtração de elementos estranhos e pó, assim como das pessoas relativamente à tensão dos componentes da luminária. </p> <p>0- Não protegida. 1- Protegida contra corpos sólidos maiores do que 50mm. 2- Protegida contra corpos sólidos maiores do que 12mm. 3- Protegida contra corpos sólidos maiores do que 2,5mm. 4- Protegida contra corpos sólidos maiores do que 1mm. 5- Protegida contra o pó. 6- Proteção completa contra o pó.</p> <p>2.º algarismo: Indica a proteção do material relativamente à penetração de líquidos. </p> <p>0- Não protegida. 1- Protegida contra a queda vertical de gotas de água. 2- Protegida contra a queda de gotas até a uma Inclinação de 15° em relação à vertical. 3- Protegida contra chuva. 4- Protegida contra projeção de água. 5- Protegida contra jatos de água. 6- Protegida contra ondas do mar. 7- Protegida contra imersão. 8- Material submersível.</p>																																																																																
<p>IK</p>	<p>Código IK Sistema de codificación para indicar el grado de protección proporcionado por una envolvente contra los impactos mecánicos nocivos. Energía de impacto (J)</p> <table border="1" data-bbox="178 1178 429 1240"> <thead> <tr> <th>IK01</th><th>IK02</th><th>IK03</th><th>IK04</th><th>IK05</th><th>IK06</th><th>IK07</th><th>IK08</th><th>IK09</th><th>IK10</th> </tr> </thead> <tbody> <tr> <td>0,15</td><td>0,2</td><td>0,35</td><td>0,5</td><td>0,7</td><td>1</td><td>2</td><td>5</td><td>10</td><td>20</td> </tr> </tbody> </table>	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10	0,15	0,2	0,35	0,5	0,7	1	2	5	10	20	<p>IK Code The IK code is an international numerical classification for the degree of protection provided by enclosures for electrical equipment against external mechanical impact. Impact energy (J).</p> <table border="1" data-bbox="448 1178 692 1240"> <thead> <tr> <th>IK01</th><th>IK02</th><th>IK03</th><th>IK04</th><th>IK05</th><th>IK06</th><th>IK07</th><th>IK08</th><th>IK09</th><th>IK10</th> </tr> </thead> <tbody> <tr> <td>0,15</td><td>0,2</td><td>0,35</td><td>0,5</td><td>0,7</td><td>1</td><td>2</td><td>5</td><td>10</td><td>20</td> </tr> </tbody> </table>	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10	0,15	0,2	0,35	0,5	0,7	1	2	5	10	20	<p>Code IK Système de codification qui indique le degré de protection procuré par une enveloppante contre des impacts mécaniques nuisibles. Énergie d'impact (J)</p> <table border="1" data-bbox="711 1178 955 1240"> <thead> <tr> <th>IK01</th><th>IK02</th><th>IK03</th><th>IK04</th><th>IK05</th><th>IK06</th><th>IK07</th><th>IK08</th><th>IK09</th><th>IK10</th> </tr> </thead> <tbody> <tr> <td>0,15</td><td>0,2</td><td>0,35</td><td>0,5</td><td>0,7</td><td>1</td><td>2</td><td>5</td><td>10</td><td>20</td> </tr> </tbody> </table>	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10	0,15	0,2	0,35	0,5	0,7	1	2	5	10	20	<p>Código IK Sistema de codificação para indicar o grau de proteção proporcionado por um invólucro contra impactos mecánicos nocivos. Energia de impacto (J).</p> <table border="1" data-bbox="981 1178 1225 1240"> <thead> <tr> <th>IK01</th><th>IK02</th><th>IK03</th><th>IK04</th><th>IK05</th><th>IK06</th><th>IK07</th><th>IK08</th><th>IK09</th><th>IK10</th> </tr> </thead> <tbody> <tr> <td>0,15</td><td>0,2</td><td>0,35</td><td>0,5</td><td>0,7</td><td>1</td><td>2</td><td>5</td><td>10</td><td>20</td> </tr> </tbody> </table>	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10	0,15	0,2	0,35	0,5	0,7	1	2	5	10	20
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	<p>Producto bajo pedido.</p>	<p>To order product.</p>	<p>Produit sur demande.</p>	<p>Produto a pedido.</p>																																																																																
	<p>ASIM Emisión de luz asimétrica.</p>	<p>Asymmetric light emission.</p>	<p>Émission de lumière asymétrique.</p>	<p>Emissão de luz assimétrica.</p>																																																																																
	<p>XX° Ángulo de emisión de luz.</p>	<p>Light emission angle.</p>	<p>Angle d'émission de la lumière.</p>	<p>Ângulo de emissão de luz.</p>																																																																																
	<p>ASIM Emisión de luz directa o indirecta</p>	<p>Emission of direct or indirect light.</p>	<p>Émissions de lumière directe ou indirecte.</p>	<p>Emissão de luz direta ou indireta.</p>																																																																																
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	<p>ASIM Multi-emisión de luz.</p>	<p>Multi-emission light.</p>	<p>Multi-émissions de lumière.</p>	<p>Multi-emissão de luz.</p>																																																																																
	<p>ASIM Emisión de luz periférica.</p>	<p>Periferic emission light.</p>	<p>Émission périphérique de lumière.</p>	<p>Emissão periferica de luz.</p>																																																																																
	<p>ASIM Luminaria con sensor crepuscular y movimiento.</p>	<p>Luminaire with daylight and motion sensor.</p>	<p>Luminaire avec sensor crépusculaire et mouvement.</p>	<p>Luminária com sensor crepuscular e movimento.</p>																																																																																



	Corriente de la luminaria en corriente continua.	Luminaire current in direct current.	Courant de la lampe avec courant continuus.	Corrente da luminária em corrente contínua.
	Voltaje de la luminaria en corriente continua.	Luminaire voltage in direct current.	Tension de la lampe avec courant continuus.	Tensão da luminária em corrente contínua.
	Voltaje de la luminaria (Volts), de corriente alterna.	Luminaire voltage (volts) in alternate current.	Tension de la lampe (Volts) avec courant alternatif.	Tensão da luminária (volts) em corrente alternada.
	Longitud en metros de cable conductor suministrado.	Length in meters of the lead wire supply.	Longueur en mètres du câble conducteur fourni.	Comprimento em metros de cabo condutor fornecido.
	Luminaria con dos salidas de cable.	Luminaire with two cable outlets.	Luminaire avec deux sorties de câble.	Luminária com duas saídas de cabo.
	Luminaria con cable clavija Incorporada.	Lighting with plug-electrical wire Included.	Luminaire avec câble d'alimentation et fiche Inclus.	Luminária com cabo e ficha Incorporada.
	Luminaria con toma corriente IP44	Luminaire with 44 plug.	Luminaire avec prise courant électrique IP44.	Luminária con plugue IP44.
	Luminaria con interruptor Incorporado.	Lighting with switch Included.	Luminaire avec interrupteur Inclus.	Luminária com interruptor Incorporado.
	Equipo Incluido.	Luminaire with equipment Included.	Luminaire avec équipement Inclus.	Luminaire com aparelhagem Incluido.
	Equipo electrónico Incluido.	Luminaire with electronic equipment Included.	Luminaire avec équipement électronique Inclus.	Luminaire com aparelhagem electrónica Incluido.
	Equipo NO Incluido, pero sí lo necesita	Equipment not Included, but it is required.	Luminaire sans équipement mais il faut l'avoir.	Aparelhagem não Incluída, mas é necessário.
	Prueba superada con éxito de la Temperatura (xxx°) del hilo Incandescente. (°C)	Glow wire temperature test (xxx°) passed successfully (°C)	Essai au fil Incandescent (°C) passé avec succès à la température (°xxx).	Ensaio do fio Incandescente superado com éxito à temperatura (xxx°) especificada. (°C)
	Temperatura ambiental (°C) máxima y mínima para garantizar el funcionamiento de la luminaria.	Maximum and minimum temperature to guarantee proper operation of the lamps.	Températures maximales et minimales pour assurer le fonctionnement des luminaires.	Temperatura máxima e mínima para garantir o funcionamento das luminárias.
	Temperatura máxima de la superficie de la luminaria. (°C)	Maximum temperature (°C) of the glass surface at an average room temperature.	Température maximale (°C) de la surface du verre à la température ambiante.	Temperatura máxima (°C) da superfície do vidro, à temperatura ambiente.
	Ángulo máximo de basculación de la luminaria.	Maximum angle of Inclination of the lamp.	Angle maximal d'Inclinaison du luminaire.	Ángulo máximo de Inclinação da luminária.
	Ángulo máximo de giro horizontal.	Maximum angle of rotation.	Angle maximum de rotation.	Ángulo máximo de rotação.
	Medidas de empotramiento (cm)	Recess dimensions (cm)	Mesures pour encastrement (cm)	Medidas de encastramento (cm)
	Dimerable.	Dimmable.	Dimmable.	Dimmable.
	NO dimerable.	Non dimmable.	Non dimmable.	Não dimmable.
	Luminaria con lámpara Incluida.	Luminaire with lamp Included.	Luminaire avec lampe Inclus.	Luminária com lâmpada Incluída.
	Anclaje Incluido.	Anchorage Included.	Ancrage Inclus.	Ancoragem Incluido.
	Caja de empotrar Incluída.	Recessing box Included.	Boîtier d'encastrement Inclus.	Caixa embutida Incluído.
	No utilizar en ningún caso tornillos mecánicos.	Never use mechanical screwdrivers.	Surtout ne jamais utiliser de tournevis mécanique.	Não utilizar, em caso algum, aparafusadoras mecânicas.
	Precisa drenaje.	Requires drainage.	Drainage nécessaire.	Drenagem precisa.
	Luminaria adaptada para tránsito no rodado.	Luminaire adapted for non-vehicular traffic.	Luminaire adapté au trafic pas roulé.	Luminária adaptada para trânsito não rodoviário.
	Luminaria adaptada para tránsito rodado.	Luminaire adapted for vehicular traffic.	Luminaire adapté au trafic roulé.	Luminária adaptada para trânsito rodoviário.
	No apto para piscinas.	Not suitable for swimming pool.	Non apte pour piscine.	Não é adequado para piscinas.

	Globo con cierre bayoneta.	Globe with bayonet fitting.	Globe avec fermeture baïonnette.	Globo com fecho baioneta.
	Globo con cierre hermético.	Hermetically sealed globe.	Globe avec fermeture hermétique.	Globo com fecho hermético.
	Poste con registro.	Post with inspection chamber.	Poste avec enregistrement.	Lampost com registro.
	Luminaria con una excelente resistencia a la corrosión (aluminio con doble recubrimiento de pintura, acero con proceso de galvanizado, resina o poliamida)	Luminaire with excellent resistance to corrosion (aluminum with double painting process, steel galvanizing process, resin or polyamide)	Luminaire avec une excellente résistance à la corrosion (aluminium avec double processus de peinture, processus de galvanisation de l'acier, résine ou polyamide)	Luminária com excelente resistência à corrosão (aluminio com processo de pintura dupla, processo de galvanização de aço, resina ou poliamida)
	Luminaria de acero inoxidable que precisa de un mantenimiento periódico.	Stainless steel luminaire which requires periodical maintenance.	Luminaire de acier inoxydable qui a besoin de maintenance périodique.	Luminária do aço inoxidável que precisa de manutenção periódica.
	Luminaria de latón que precisa de mantenimiento periódico con pulimento específico para recuperar el brillo.	Resin luminaries or posts that require a periodic maintenance with specific polishing to restore the brightness.	Luminaire à laiton qui peut nécessiter d'un entretien à polissage spécifique pour récupérer son aspect d'origine.	Luminária de Latão que precisa de manutenção periódica com polimento específico para recuperar o brilho.
	Luminaria o poste de resina que precisa de mantenimiento periódico con aceite sintético para recuperar el brillo.	Resin luminaries or posts that require a periodic maintenance with synthetic oil to restore the brightness.	Luminaire ou mât à résine qui peut nécessiter d'un entretien à l'huile synthétique pour récupérer son aspect d'origine.	Luminária ou poste de resina que precisa de manutenção periódica com óleo sintético para recuperar o brilho
	Acabado del poste de acero cincado con lo que debe pintarse forzosamente una vez instalado.	Post is finished in zinc-plated steel and therefore must be painted once installed.	Mât en acier Galvanisé ce qui doit nécessairement être peint une fois installé	Acabamento do poste é em aço zincado, razão por que deve ser pintado forçosamente depois de instalado.
	Posibilidad de aplicar acabados especiales. Información detallada, ver página 251.	Possibility of special finishings. Details on page 251.	Autres finitions spéciales possibles. Voir information complémentaire page 251.	possibilidade de acabamentos especiais. Informação detalhada na página 251.
	Vida útil (horas).	Life (hours).	Durée (heures).	Longevidade (horas).
	Índice de reproducción cromática.	Color rendering index.	Index de rendu des couleurs.	Índice de reprodução de cor.
	Respuesta de encendido (seg.)	Power response (sec.)	Réponse d'allumage (sec.)	Resposta de ignição (sec.)
	Tiempo de carga completa (horas).	Charge Time (hours).	Temps de charge complète (heures).	Tempo de carga completa (horas).
	Autonomía de la batería (horas).	Battery Autonomy (hours).	Autonomie de la batterie (heure).	Autonomia da bateria (horas).
	Incluye mando a distancia.	Include remote control.	Télécommande Incluse.	Inclui comando à distancia.
	Número de colores.	Number of colors.	Nombre de couleurs.	número de cores.
	Número de secuencias de cambio de color.	Number of sequences.	Nombre de séquences de changement de couleur.	Número de sequências de mudança de cor.
	Tramo mínimo de corte (cm)	Minimum cutting section (cm)	Section minimale de découpe (cm)	Seção de corte mínima (cm)
	Longitud máxima de unión de tiras led (10m)	Maximum length interconnected (10m)	Longueur maximale totale des rubans à led connectés (10m)	Longitud máxima de unión de tiras led (10m)
	Longitud (5m) de la tira led (mínima unidad de venta)	Standard length (5m) (Minimum Order)	Longueur (5m) du ruban à led (unité de vente minimale)	Longitud (5m) de la tira led (mínima unidad de venta)
	Motor con corriente alterna.	Alternate current motor.	Moteur à courant alternatif.	Motor com corrente alternada.
	Motor con corriente continua.	Direct current motor.	Moteur à courant continu.	Motor com corrente contínua.
	Ventilador con luz.	Fan with lamp.	Ventilateur de plafond lumineux	Ventilador com luz.
	Número de aspas del ventilador.	Number of fan blades.	Nombre d'ailettes du ventilateur.	Numero de pá do ventilador.
	Función inversa para usarlo todo el año.	Inverse function to use it the whole year.	Fonction réversible conçue pour une utilisation toute l'année.	Função inversa para usar todo o ano.
	Regulador de pared.	Wall control.	Varieteur mural.	Regulador de parede.

MATERIALES MATERIALS MATERIAUX MATERIAIS



Cuerpo / Body / Corps / Corpo



Marco / Frame / Marc / Aro



Difusor / Diffusor / Diffuseur / Difusor



Aspa / Blade / Lame / Pala

ACER	Acero	Steel	Acier	Aço
ALU	Aluminio	Aluminium	Aluminium	Alumínio
ALU ANOD	Aluminio anodizado	Anodized aluminum	Aluminium anodisé	Alumínio anodizado
ALU CEPILL	Aluminio cepillado	Brushed aluminum	Aluminium brossé	Alumínio cepillado
COTTON	Algodón	Cotton	Coton	Algodão
Cu	Cobre	Copper	Cuivre	Cobre
GLASS	Cristal	Glass	Verre	Vidro
GLASS AMBER	Cristal ámbar	Amber glass	Verre ambre	Vidro âmbar
GLASS MAT	Cristal matizado	Frosted glass	Verre teinté	Vidro fosco
GLASS OPAL	Cristal opalizado	Opal glass	Verre opale	Vidro opalino
GLASS PRISM	Cristal prismático	Prismatic glass	Verre prismatique	Vidro prismático
GLASS TRANS	Cristal transparente	Transparent glass	Verre transparent	Vidro transparente
INOX	Acero inoxidable	Stainless steel	Acier inoxydable	Aço inoxidável
LATON CROM	Latón cromado	Chrome-plated brass	Laiton chromé	Latão cromado
LATON ENVEJ	Latón envejecido	Antique brass	Laiton vieilli	Latão antigo
NICKEL SAT	Níquel satinado	Satin nickel	Nickel satiné	Níquel acetinado
NYLON	Nylon	Nylon	Nylon	Nylon
PA	Poliamida	Polyamide	Polyamide	Poliamida
PC	Policarbonato	Polycarbonate	Polycarbonate	Policarbonato
PC MAT	Policarbonato matizado	Frosted polycarbonate	Polycarbonate teinté	Policarbonato fosco
PC OPAL	Policarbonato opalizado	Opal polycarbonate	Polycarbonate opale	Policarbonato opalino
PC PRISM	Policarbonato prismático	Prismatic polycarbonate	Polycarbonate prismatique	Policarbonato prismático
PC TRANS	Policarbonato transparente	Transparent polycarbonate	Polycarbonate transparent	Policarbonato transparente
PE	Poliétileno	Polyethylene	Polyéthylène	Poliétileno
PMMA	Metacrilato	Methacrylate	Méthacrylate	Metacrilato
PMMA MAT	Metacrilato matizado	Frosted methacrylate	Méthacrylate teinté	Metacrilato fosco
PMMA OPAL	Metacrilato opalizado	Opal methacrylate	Méthacrylate opale	Metacrilato opalino
PMMA PRISM	Metacrilato prismático	Prismatic methacrylate	Méthacrylate prismatique	Metacrilato prismático
PMMA TRANS	Metacrilato transparente	Transparent methacrylate	Méthacrylate transparent	Metacrilato transparente
RESIN	Resina	Resin	Resine	Resina
STONE	Piedra	Stone	Pierre	Pedra
TECNO POLIM	Tecnopolímero	Technopolymer	Technopolymère	Tecnopolímero
TERMO PLASTIC	Termoplástico	Thermoplastic	Thermoplastique	Termoplástico
WOOD	Madera	Wood	Bois	Madeira

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