

## Scope Wall

SCOPE/WALL1 256LM DECORATIVE DE LED 3K AL  
4069751



### Product features

- Wall mounted LED luminaire, extruded aluminium, 256lm, 6W, 43lm/W, 3000K, CRI80+, non dimmable, IP65, IK08, (ØxD) Ø70x200mm, 3 step MacAdam ellipse, 1.3kg, Class II, 220-240V, A++ A+ A



### PRODUCT OVERVIEW

IPC Code	4069751
Product name	SCOPE/WALL1 256LM DECORATIVE DE LED 3K AL
Technology	LED
Type	Integrated LED
Housing	corrosion resistant die-cast aluminium
Mount	wall mounted
Environment	External
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail
Certifications	EUNEW009
ETIM Class	EC002892
Fixture luminous flux (lm)	256
Luminaire efficacy (lm/W)	43
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	6
Electrical protection	Class II
Dimmable	No
Average life (Nominal) (h)	50000
Housing colour	aluminium grey
IP rating	IP65
IK rating	IK08
Product EAN number	5026524697514
Lamps	Yes
Included lamp	INTEGRATED LED

### DATA TABLE

#### General data

IPC Code	4069751
Product name	SCOPE/WALL1 256LM DECORATIVE DE LED 3K AL

## Scope Wall

*SCOPE/WALL 1 256LM DECORATIVE DE LED 3K AL*  
4069751

Technology	LED
Type	Integrated LED
Housing	corrosion resistant die-cast aluminium
Mount	wall mounted
Environment	External
General application	Education,Hospitality,Logistics & Industry,Museums & Galleries,Office,Residential & Consumer,Retail
Operating temperature range (°C)	-20 to +35
Certifications	EUNEW009
ETIM Class	EC002892

### Optical data

Fixture luminous flux (lm)	256
Luminaire efficacy (lm/W)	43
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Distribution type	direct/indirect
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	6
Mains voltage (V)	220-240V~
Electrical protection	Class II
Dimmable	No
Nominal Frequency (Hz)	50/60Hz

### Lifetime data

Lumen maintenance - L80 B10	50000
Average life (Nominal) (h)	50000

### Physical data

Housing colour	aluminium grey
IP rating	IP65
IK rating	IK08
Diffuser material	Optical system with plane convex lenses
Nominal Product Length (mm)	70
Nominal Product Height (mm)	200
Weight (kg)	1.1

### Packaging

Single packaging type	Carton
Product EAN number	5026524697514
Packaging single length / height (cm)	25.5
Packaging single width (cm)	15.5
Packaging single depth (cm)	11.5
DUN14 (outer)	05026524697514

## Scope Wall

SCOPE/WALL 1 256LM DECORATIVE DE LED 3K AL  
4069751

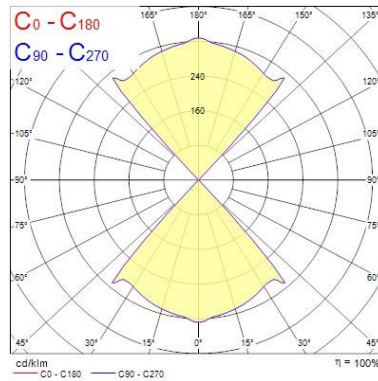
Units per outer package	1
Packaging outer length / height (cm)	25.5
Packaging outer width (cm)	15.5
Packaging outer depth (cm)	11.5

### PHOTOMETRY

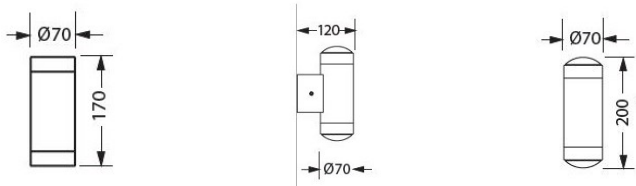
0.5	0.91	E(0°) E(c0)	42.2°	321 57
1.0	1.81	E(0°) E(c0)	42.2°	85 17
1.5	2.72	E(0°) E(c0)	42.2°	38 7
2.0	3.63	E(0°) E(c0)	42.2°	25 4
2.5	4.53	E(0°) E(c0)	42.2°	13 2
3.0	5.44	E(0°) E(c0)	42.2°	9 1

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 94.4°)




### TECHNICAL DRAWINGS




## Scope Wall


SCOPE/WALL 1 256LM DECORATIVE DE LED 3K AL  
4069751


**Concord** 4069751


 This luminaire contains built in LED lamps.

 } LED


The lamps cannot be changed in the luminaire.

874/2012 

 This luminaire contains built in LED lamps.

 } LED

The lamps cannot be changed in the luminaire.

**Concord** 4069751  874/2012

## Scope Wall

SCOPE/WALL1 133LM NARROW LED 4KAL

4069741



### Product features

- Wall mounted LED luminaire, extruded aluminium, 133lm, 3,8W, 35lm/W, 4000K, CRI80+, narrow, non dimmable, IP65, IK08, (ØxD) Ø70x200mm, 3 step MacAdam ellipse, 1.3kg, Class II, 220-240V, A++ A+ A



### PRODUCT OVERVIEW

IPC Code	4069741
Product name	SCOPE/WALL1 133LM NARROW LED 4KAL
Technology	LED
Type	Integrated LED
Housing	corrosion resistant die-cast aluminium
Mount	wall mounted
Environment	External
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail
Certifications	EUNEW009
ETIM Class	EC002892
Fixture luminous flux (lm)	133
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Photobiological Risk Group	RG2
Total power consumption (W)	3.8
Electrical protection	Class II
Dimmable	No
Average life (Nominal) (h)	50000
Housing colour	aluminium grey
IP rating	IP65
IK rating	IK08
Product EAN number	5026524697415
Lamps	Yes
Included lamp	INTEGRATED LED

### DATA TABLE

#### General data

IPC Code	4069741
Product name	SCOPE/WALL1 133LM NARROW LED 4KAL
Technology	LED

## Scope Wall

*SCOPE/WALL 1 133LM NARROW LED 4KAL*  
4069741

Type	Integrated LED
Housing	corrosion resistant die-cast aluminium
Mount	wall mounted
Environment	External
General application	Education,Hospitality,Logistics & Industry,Museums & Galleries,Office,Residential & Consumer,Retail
Operating temperature range (°C)	-20 to +35
Certifications	EUNEW009
ETIM Class	EC002892

### Optical data

Fixture luminous flux (lm)	133
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Distribution type	direct
Photobiological Risk Group	RG2

### Electrical data

Total power consumption (W)	3.8
Mains voltage (V)	220-240V~
Electrical protection	Class II
Dimmable	No
Nominal Frequency (Hz)	50/60Hz

### Lifetime data

Lumen maintenance - L80 B10	50000
Average life (Nominal) (h)	50000

### Physical data

Housing colour	aluminium grey
IP rating	IP65
IK rating	IK08
Diffuser material	Safety tempered glass diffusers
Nominal Product Length (mm)	70
Nominal Product Height (mm)	170
Weight (kg)	1.1

### Packaging

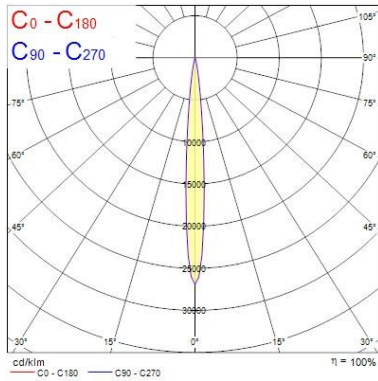
Single packaging type	Carton
Product EAN number	5026524697415
Packaging single length / height (cm)	25.5
Packaging single width (cm)	15.5
Packaging single depth (cm)	11.5
DUN14 (outer)	05026524697415
Units per outer package	1
Packaging outer length / height (cm)	25.5

## Scope Wall

SCOPE/WALL 1 133LM NARROW LED 4KAL  
4069741

Packaging outer width (cm)	15.5
Packaging outer depth (cm)	11.5

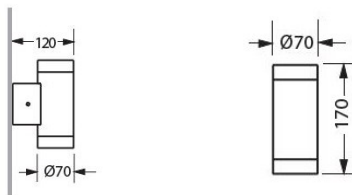
### PHOTOMETRY



Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>1</sub> [lx]	E <sub>2</sub> [lx]
0.5	0.08	14208	45°	7197
1.0	0.16	3576	45°	1799
1.5	0.24	1589	45°	800
2.0	0.31	894	45°	450
2.5	0.39	572	45°	280
3.0	0.47	397	45°	200

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 9.0°)


### TECHNICAL DRAWINGS




## Scope Wall


SCOPE/WALL1 133LM NARROW LED 4KAL  
4069741


**Concord** 4069741


 This luminaire contains built in LED lamps.

 } **LED**


The lamps cannot be changed in the luminaire.

874/2012 

 This luminaire contains built in LED lamps.

 } **LED**

The lamps cannot be changed in the luminaire.

**Concord** 4069741  874/2012



## Scope Wall

SCOPE/WALL2 773LM ROAD ASYMMETRIC LED 4K AL  
4069764



### Product features

- Wall mounted LED luminaire, extruded aluminium, 773lm, 17,5W, 44lm/W, 4000K, CRI80+, extensive/road emission, non dimmable, IP66, IK08, (ØxD) Ø140x265mm, 3 step MacAdam ellipse, 4.7kg, Class I, 220-240V, A++ A+ A



## PRODUCT OVERVIEW

IPC Code	4069764
Product name	SCOPE/WALL2 773LM ROAD ASYMMETRIC LED 4K AL
Technology	LED
Type	Integrated LED
Housing	corrosion resistant die-cast aluminium
Mount	pole mounted, wall mounted
Environment	External
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer, Retail
Certifications	EUNEW009
ETIM Class	EC002892
Fixture luminous flux (lm)	773
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	17.5
Electrical protection	Class I
Dimmable	No
Average life (Nominal) (h)	50000
Housing colour	aluminium grey
IP rating	IP66
IK rating	IK08
Product EAN number	5026524697644
Lamps	Yes
Included lamp	INTEGRATED LED

## DATA TABLE

### General data

IPC Code	4069764
Product name	SCOPE/WALL2 773LM ROAD ASYMMETRIC LED 4K AL
Technology	LED

## Scope Wall

*SCOPE/WALL2 773LM ROAD ASYMMETRIC LED 4K AL*  
4069764

Type	Integrated LED
Housing	corrosion resistant die-cast aluminium
Mount	pole mounted, wall mounted
Environment	External
General application	Education,Hospitality,Logistics & Industry,Museums & Galleries,Office,Residential & Consumer,Retail
Operating temperature range (°C)	-20 to +35
Certifications	EUNEW009
ETIM Class	EC002892

### Optical data

Fixture luminous flux (lm)	773
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Distribution type	direct
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	17.5
Mains voltage (V)	220-240V~
Electrical protection	Class I
Dimmable	No
Nominal Frequency (Hz)	50/60Hz

### Lifetime data

Lumen maintenance - L80 B10	50000
Average life (Nominal) (h)	50000

### Physical data

Housing colour	aluminium grey
IP rating	IP66
IK rating	IK08
Diffuser material	Safety tempered glass diffusers
Nominal Product Length (mm)	140
Nominal Product Height (mm)	265
Weight (kg)	3.9

### Packaging

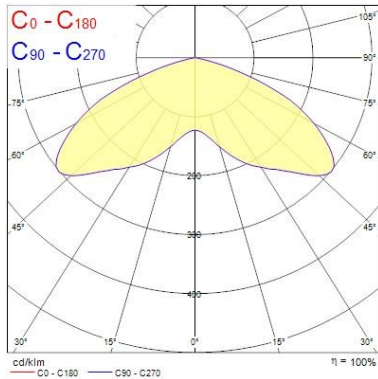
Single packaging type	Carton
Product EAN number	5026524697644
Packaging single length / height (cm)	30.5
Packaging single width (cm)	28.5
Packaging single depth (cm)	15.5
DUN14 (outer)	05026524697644
Units per outer package	1
Packaging outer length / height (cm)	30.5

## Scope Wall

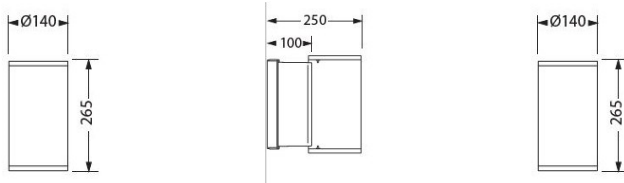
SCOPE/WALL2 773LM ROAD ASYMMETRIC LED 4K AL  
4069764

Packaging outer width (cm)	28.5
Packaging outer depth (cm)	15.5

## PHOTOMETRY




## TECHNICAL DRAWINGS




## Scope Wall


SCOPE/WALL2 773LM ROAD ASYMMETRIC LED 4K AL  
4069764


**Concord** 4069764


 This luminaire contains built in LED lamps.

 } **LED**


The lamps cannot be changed in the luminaire.

874/2012 

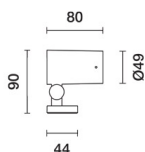
 This luminaire contains built in LED lamps.

 } **LED**

The lamps cannot be changed in the luminaire.

**Concord** 4069764  874/2012

Last information update: December 2018

**Outdoor floodlight - Warm White LED - Spot****Product code**

Q688

**Technical description**

Outdoor floodlight designed to use LED lamps and a spot optic. Consists of an optical assembly and a base. The optical assembly, arm and base are made of aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The painting stage consists of a primer and a liquid acrylic paint, cured at 150 °C, with a high level of weather resistance. 4mm thick extra-clear sodium-calcium closure glass. Secured using a 360° adjustable base. Adjustable horizontally. Complete with an LED circuit and an Opti Beam optic system and fitted with a protection system against polarity inversion. If connected in series with more than one product, the circuit stops the whole line turning off following an incorrect connection or product breakage. Option of mounting optical accessories externally using an accessory-holder frame. Black rubber outlet cable complete with an anti-transpiration device. Electronic control gear to be ordered separately. All external screws used are made of A2 stainless steel.

**Installation**

Floor, wall or ceiling installation and ground installation using a spike.

**Dimension (mm)**

Ø49

**Colour**

White (01) | Grey (15)

**Weight (Kg)**

0.4

**Mounting**

wall surface|ground spike

**Wiring**

The product is supplied with a black rubber outlet cable complete with an anti-transpiration device.

Complies with EN60598-1 and pertinent regulations

**Product configuration: Q688****Product characteristics**

Total lighting output [Lm]: 497  
 Total power [W]: 6.1  
 Luminous efficacy [Lm/W]: 81.5  
 Life Time: 100,000h - L80 - B10 (Ta 25°C)  
 Ambient temperature range: from -20°C to +35°C. (\*)

Total luminous flux at or above an angle of 90° [Lm]: 0  
 Emergency luminous flux [Lm]: /  
 Voltage [V]: -  
 Life Time: 65,000h - L80 - B10 (Ta 40°C)  
 Number of optical assemblies: 1

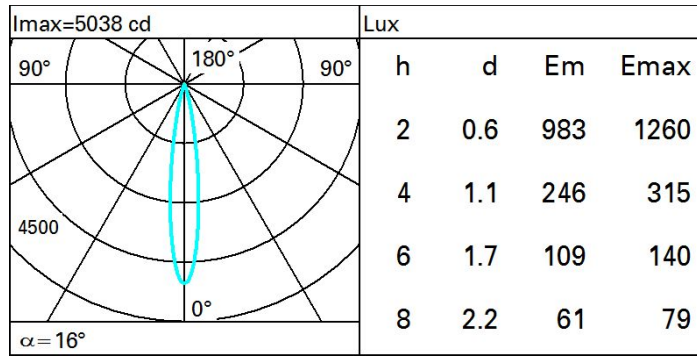
\* Preliminary data

**Optical assembly Characteristics Type 1**

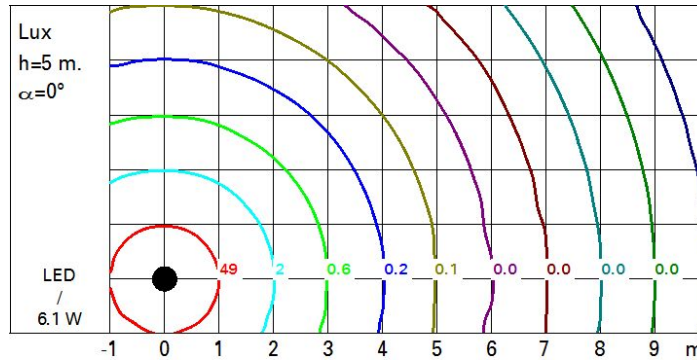
Light Output Ratio (L.O.R.) [%]: 70  
 Lamp code: LED  
 ZVEI Code: LED  
 Nominal power [W]: 6.1  
 Nominal luminous [Lm]: 710  
 Lamp maximum intensity [cd]: /  
 Beam angle [°]: 16°

Number of lamps for optical assembly: 1  
 Socket: /  
 Ballast losses [W]: 0  
 Colour temperature [K]: 2700  
 CRI: 80  
 Wavelength [Nm]: /  
 MacAdam Step: 2

**Polar**

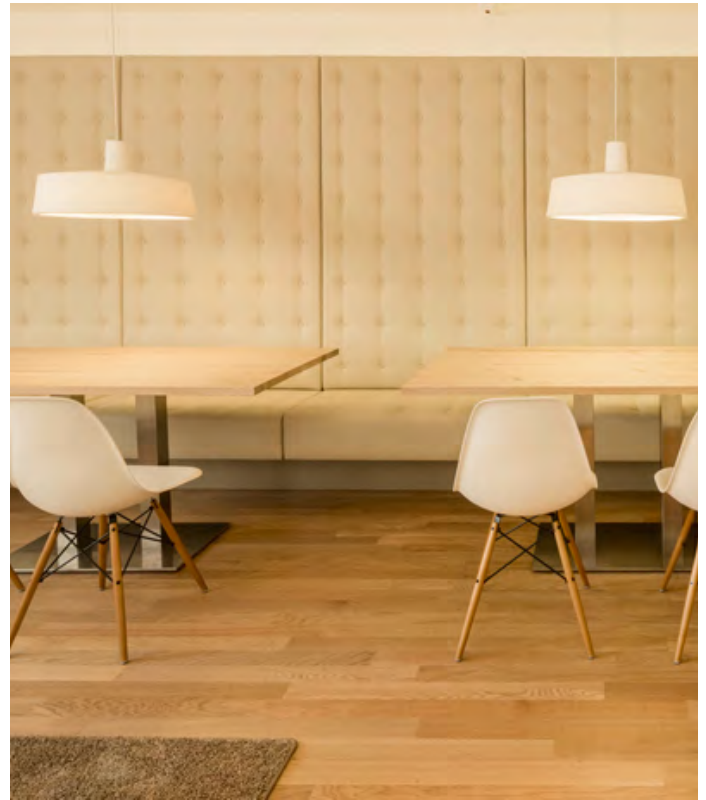


**Isolux**

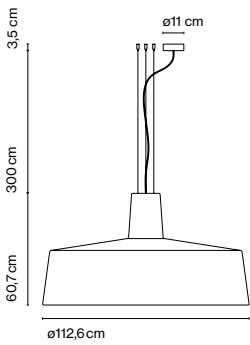


**UGR diagram**

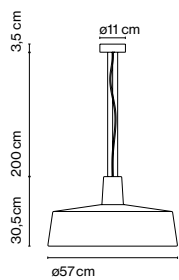
Corrected UGR values (at 710 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	cav	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim											
x	y										
2H	2H	6.0	8.1	6.4	8.4	8.7	6.0	8.1	6.4	8.4	8.7
	3H	6.0	7.3	6.3	7.6	8.0	5.9	7.3	6.3	7.6	7.9
	4H	6.0	7.0	6.3	7.3	7.6	5.9	7.0	6.3	7.3	7.6
	6H	6.0	6.7	6.4	7.0	7.3	5.9	6.6	6.3	6.9	7.3
	8H	5.9	6.7	6.3	7.0	7.4	5.8	6.6	6.2	6.9	7.3
	12H	5.9	6.7	6.3	7.1	7.5	5.8	6.6	6.1	7.0	7.3
4H	2H	5.9	7.0	6.3	7.3	7.6	6.0	7.0	6.3	7.3	7.6
	3H	5.8	6.7	6.2	7.0	7.4	5.9	6.7	6.2	7.1	7.4
	4H	5.7	6.7	6.1	7.1	7.5	5.7	6.7	6.1	7.1	7.5
	6H	5.4	7.1	5.9	7.6	8.1	5.4	7.1	5.8	7.5	8.0
	8H	5.3	7.2	5.8	7.7	8.2	5.2	7.2	5.7	7.6	8.1
	12H	5.3	7.2	5.8	7.7	8.2	5.2	7.1	5.7	7.6	8.1
8H	4H	5.2	7.2	5.7	7.6	8.1	5.3	7.2	5.8	7.7	8.2
	6H	5.3	7.0	5.8	7.4	8.0	5.3	7.0	5.8	7.5	8.0
	8H	5.4	6.7	5.9	7.2	7.8	5.4	6.7	5.9	7.2	7.8
	12H	5.6	6.5	6.1	7.0	7.5	5.5	6.4	6.0	6.9	7.5
12H	4H	5.2	7.1	5.7	7.6	8.1	5.3	7.2	5.8	7.7	8.2
	6H	5.3	6.7	5.8	7.2	7.7	5.4	6.8	5.9	7.3	7.8
	8H	5.5	6.4	6.0	6.9	7.5	5.6	6.5	6.1	7.0	7.5
Variations with the observer position at spacing:											
S =	1.0H	4.2 / -5.4					4.2 / -5.4				
	1.5H	6.8 / -6.7					6.8 / -6.7				
	2.0H	8.8 / -7.1					8.8 / -7.1				



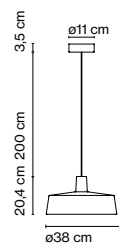
**Soho 112**



**Soho 57**



**Soho 38**



**Soho 112**

↔ **8x T5 24W**  
 ⚡ **5x QR111 GU53 12V 35-50W + T5 22W+40W**  
 LED SMD 127,2W 300mA  
 2700K\* 16680lm

**Soho 57**

○ **T5-C 22W+40W**  
 ○ **T5-C 40W**  
 LED SMD 28,1W 700mA  
 2700K\* 3800lm

**Soho 38**

LED SMD 13,2W 700mA  
 2700K 1931lm (included)

White electrical cord for white finish. Black electrical cord for other finishes.

Soho 112 RGB LED upon request

\* 3000K available upon request.

\*\* Only LED version

info@marset.com  
 www.marset.com

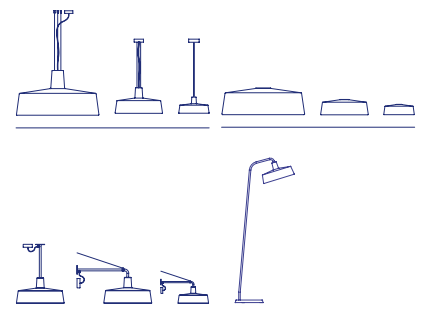
Shade in rotary moulded polyethylene. Methacrylate opal diffuser.

- White
- Stone grey
- Black
- Sand (only available in Soho 38)
- Sky blue (only available in Soho 38)

Dimmable\*\*      \*\* Phase cut dimmer leading and trailing edge

- [Download](#) Assembly Instructions
- [Download](#) Photometric Data
- [Download](#) 2D
- [Download](#) 3D
- [Download](#) Energy label

**Range**



The striking, industrial shapes in the Soho collection are reminiscent of the lamps that were traditionally used in markets and taverns, but they contrast through the use of thoroughly contemporary materials and textures.



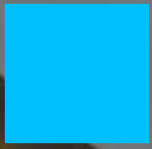
# Soho

## Joan Gaspar

**marset**



DW  
Windsor



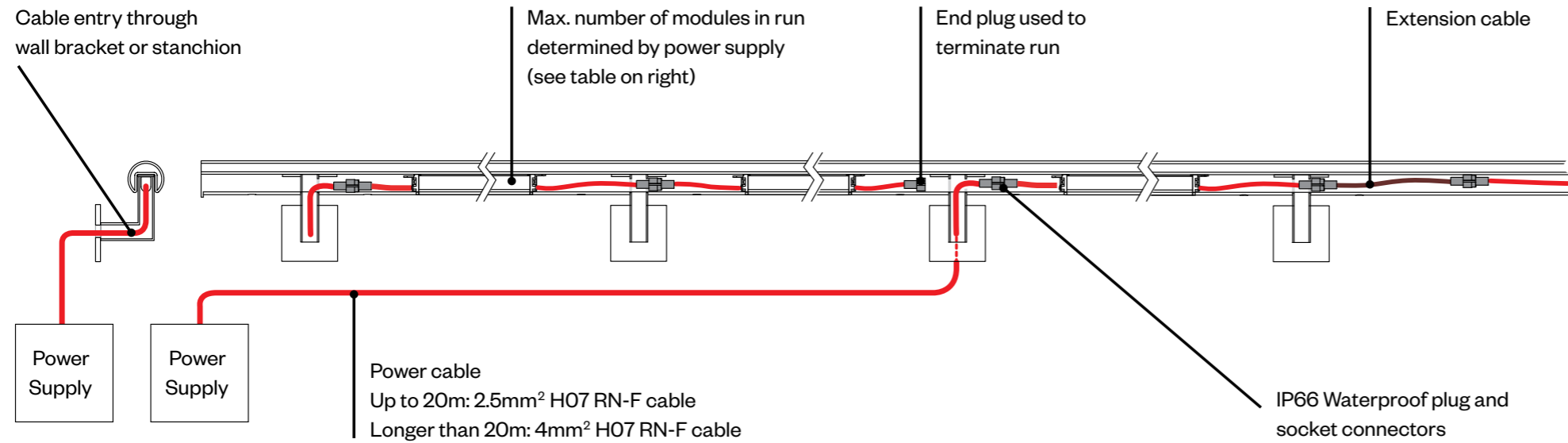
# Garda<sup>®</sup>

Illuminated handrail





# Electrical specification



## Number of LED modules per circuit

(based upon 48V AC supply)

Transformer Rating	Module Size			
	300	600	900	1200
100VA	16	8	5	4
160VA	26	13	8	6
250VA	42	21	14	10
400VA	68	34	22	17

(based upon 48V DC supply)

Driver Rating	Module Size			
	300	600	900	1200
52w	11	5	3	2
100w	21	10	7	5
150w	32	16	10	8
300w	64	32	21	16

### Control:

Variable Resistance Dimming

1-10v Dimming

DALI Dimming

DMX (via DALI converter)

### Emergency:

Integrated emergency 3-hour battery back-up

### Protection:

Class III SELV Supply (extra low voltage)

IP Rating: IP66 LED modules

IK Rating: IK10 shock resistance

Handrail: Anti-tamper pin head bolts in cover plates

### Electrical:

Supply: 24 - 48 Volts AC/DC  
(Pro and Comfort - DC only)

Electrically Protected: Surge protection

Short circuit protection

## Standard Power Enclosures

All electrical cabling below ground maintains IP68 integrity. Additional equipment associated with different control options, such as emergency batteries can normally be housed within the enclosure.

Dimensions	h: 300mm w: 300mm d: 150mm
IP rating	IP66
Input	1 x IP68 Ø20mm gland to accept 2.5mm <sup>2</sup> 3 Core as standard
Output	Up to 4 fused circuits with IP68 glands - 1.5mm <sup>2</sup> to 6mm <sup>2</sup> 2 Core

Minimum of 150mm required either side of bracket / stanchion for electrical connection and cover plate

Cable feed brackets / stanchions for easy access

Power Ratings:	48V AC	48V DC	24V AC	24V DC
Module size	W	W	W	W
Garda 300mm	3.6	3.6	4.2	3.6
Garda 600mm	7.2	7.2	8.3	7.2
Garda 900mm	10.8	10.8	12.5	10.8
Garda 1200mm	14.4	14.4	16.7	14.4
Garda Pro 300mm		4.4		4.4
Garda Pro 600mm		8.8		8.8
Garda Pro 900mm		13.2		13.2
Garda Pro 1200mm		17.6		17.6
Garda Comfort 300mm				3.8
Garda Comfort 600mm				9.2
Garda Comfort 900mm				14.3
Garda Comfort 1200mm				21

## IP66 | IK10 | CLASS I | CLASS II

### Features

Suitable for both interior and exterior applications

Precise lighting control, for light where needed

Designed and manufactured in the UK

Full concept to completion service, including dedicated project management

Emergency lighting option available

### Options

Garda

### Optical control and light source

Garda Asymmetric (LUXEON TX LEDs)

Garda Symmetric (LUXEON TX LEDs)

Garda Pro (Osram Oslon Square)

Garda Comfort LED FLEX (Eco Flex)

### L80 lifetime prediction

In excess of 100,000 hours

### Colour temperature

2700K (Garda Asymmetric, Symmetric and Comfort modules only)

3000K

4000K

RGB (Garda Comfort only)

### Colour rendering index

Garda Asymmetric, Symmetric and Pro: 70Ra

Garda Comfort: > 90Ra

### Colours

Garda Urban: Satin or brushed stainless steel or any RAL

Garda Industrial: Any RAL

### Mounting

Bracket or stanchions

### Control

Switch: On/off through conventional PEC or NEMA photocell

Dim: Factory set dimmed / customer specified dimming DALI / analogue

### Materials

Body: Stainless steel or aluminium

Glazing: Polycarbonate (Garda Comfort: Opal polycarbonate)

Seals: Silicone

Finish: 240 grit machine brush grade 316 stainless steel or fine texture polyester powder coat

### Installation and maintenance

Full turnkey solution

Modules supplied with plugs and sockets, pre-cabled to suit application