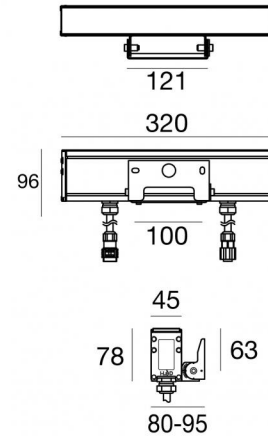




Wall Lights - Lines | 220-240 V
6 x powerLEDs 12.2 W DC - 15.5 W AC | CRI 80
81610W60



Technical data	
Type	- - Surface
Installation position	Wall lights
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLEDs
Optics	Medium Wide Flood
Light emission direction	upward
Nominal power	12.2 W DC
Total Power	15.5 W
Source lumens	1812 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP67
IK	IK10
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI - 1-10V
Directional	Swivelling
total angle (horizontal plane)	90 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.2 m
Resin potting	No
Type of light emission	Single emission
Net weight	1.1 Kg
Electrostatic discharge protection	4 KV
Surge protection	6 KV
Product technological characteristics	TCS - TVS

Finishing casing

Material	Aluminium 6060
Colour	Anodised Aluminum
Processing	20 µm anodizing

Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening

Finishing bracket

Material	AISI 316 steel
Colour	steel

Cables Electrification+signal

IP (locked condition)	68
Cable connector	Female Socket 5 Pin
Cable connector	Male Plug 5 Pin



Wall Lights - Lines | 220-240 V | 6 x powerLEDs 12.2 W DC - 15.5 W AC | CRI 80 | Base
81610W60

Single emission wall lights or lines for outdoor application. The warm white LED light source with a medium wide flood light distribution is composed of 6 powerled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1812 lm, with a 148.5 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a anodised aluminum finish, processed by means of 20 µm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 1.1 kg.

The total absorbed power is 15.5 W. The power supply cable is included and features a 0.2 m length.

The device features protection class I and can be wall lights-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains a light source of energy efficiency class D.

Illuminotechnical Features

Light Output Ratio (LOR)	53 %
Source lumens	1812 lm
Delivered lumens	972 lm
Consumption	15.5 W
Luminaire efficacy	62 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	1.5 Step
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

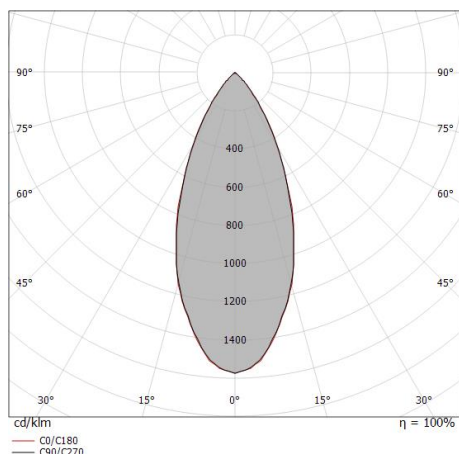
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	23.8
UGR transversal	23.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	44°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Half-peak divergence [°]	illuminance [lx]
0.5	0.40 0.41	45.0° 44.0°	E(0°) 6114 E(C90) 2451 E(C0) 2428
1.0	0.81 0.83	45.0° 44.0°	E(0°) 1529 E(C90) 613 E(C0) 607
1.5	1.21 1.24	45.0° 44.0°	E(0°) 679 E(C90) 272 E(C0) 270
2.0	1.62 1.66	45.0° 44.0°	E(0°) 382 E(C90) 153 E(C0) 152
2.5	2.02 2.07	45.0° 44.0°	E(0°) 245 E(C90) 98 E(C0) 97
3.0	2.42 2.49	45.0° 44.0°	E(0°) 170 E(C90) 68 E(C0) 67



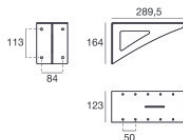
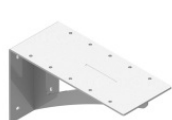
	Cable and connector Length 1000 mm.	Code <u>99826</u>
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	Cable and connector Length 5000 mm.	Code <u>99822</u>
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	Cable and connector Length 1000 mm.	Code <u>99823</u>
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	Cable and connector Length 5000 mm.	Code <u>99824</u>
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	Cable and connector Length 10000 mm.	Code <u>99825</u>
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Bracket

installation position: wall lights L=289.5mm, H=164mm, D=123mm.
 Material:Galvanised Iron, colour:Grey, processing:Powder coating.

Code
83049