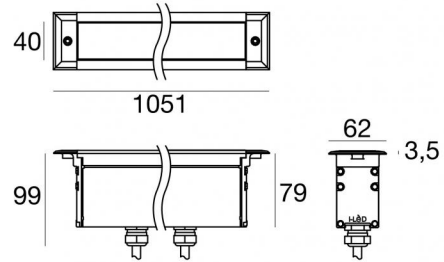




Lines | 220-240 V  
18 x powerLEDs 36.5 W DC - 41 W AC | CRI 80  
**81605W30**



Technical data	
Type	Frame
Installation position	Wall lights - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLEDs
Optics	30°
Light emission direction	upward
Nominal power	36.5 W DC
Total Power	41 W
Source lumens	5436 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
Directional	No
Tilting	No
Walk-over	Yes
Drive-over	No
Cable included	Yes
Cable length	0.2 m
Resin potting	No
Type of light emission	Single emission
Net weight	4.8 Kg
Electrostatic discharge protection	4 KV
Surge protection	5 KV
Product technological characteristics	Acquastop - 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

### Cables Electrification+signal

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



Lines | 220-240 V | 18 x powerLEDs 36.5 W DC - 41 W AC | CRI 80 | Base  
81605W30

Single emission lines for outdoor application. The warm white LED light source is composed of 18 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 5436 lm, with a 148.9 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 4.8 kg.

The total absorbed power is 41 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 or floor-mounted with an outer casing, code 98673(for concrete or masonry).

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

### Energy efficiency class

This product contains 4 light sources of energy efficiency class D.

### Illuminotechnical Features

Light Output Ratio (LOR)	56 %
Source lumens	5436 lm
Delivered lumens	3067 lm
Consumption	41 W
Luminaire efficacy	74 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

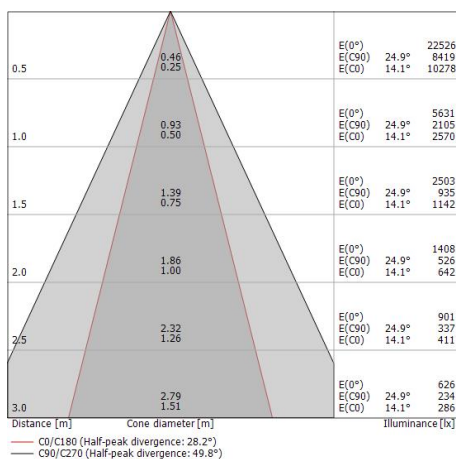
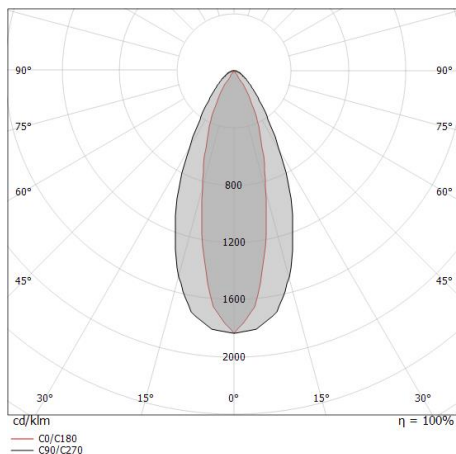
L70 B10 C0 361980h (at Tj 60 Ta 25 )

### UGR

UGR axial	20.7
UGR transversal	9.6
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C90/C270 optics	50°
C0/C180 optics	28°
Light distribution symmetry	Symmetrical 2 axis





## 81605W30

		<p>Outer casing          installation position: wall lights, floor; type of installation: masonry L=1036mm, H=138.3mm,          D=100.2mm.          Material:Iron, colour:zinc, processing:Galvanising.</p>	<p><b>Finish</b>          Grey</p>	<p><b>Code</b>          98673</p>
		<p>Cable and connector          Length 5000 mm.</p>		<p><b>Code</b>          99822</p>
		<p>Cable and connector          Length 1000 mm.</p>		<p><b>Code</b>          99823</p>
		<p>Cable and connector          Length 5000 mm.</p>		<p><b>Code</b>          99824</p>
		<p>Cable and connector          Length 10000 mm.</p>		<p><b>Code</b>          99825</p>
		<p>Cable and connector          Length 1000 mm.</p>		<p><b>Code</b>          99826</p>