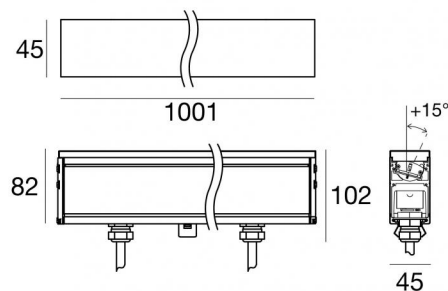




Lines | 198-264 V
18 x powerLED 39.6 W DC - 44 W AC | CRI 80
82306N30



Technical data	
Type	Trimless
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	30°
Light emission direction	upward
Nominal power	39.6 W DC
Total Power	44 W
Source lumens	5796 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 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	No
Directional	No
Tilting	Yes
total angle (horizontal plane)	15 °
total angle (vertical plane)	0 °
Walk-over	Yes
Drive-over	5000 Kg
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	6 KV
Product technological characteristics	Acquastop - TVS

Finishing casing

Material	Aluminium 6060
Colour	Anodised Black
Processing	15 µm Anodizing

Finishing diffuser

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

Cables Electrification

Cable connector	Male Plug 3 pin
IP (locked condition)	68
Cable connector	Female Socket 3 Pin



Lines | 198-264 V | 18 x powerLED 39.6 W DC - 44 W AC | CRI 80 | Base
82306N30

Single emission lines for outdoor application. The natural white LED light source is composed of 18 powerLED LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 5796 lm, with a 146.4 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a anodised black finish, processed by means of 15 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 44 W. The power supply cable is included and features a 0.2 m length.

The device features protection class I and can be floor-mounted with an outer casing, code 98726(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	5796 lm
Delivered lumens	3265 lm
Consumption	44 W
Luminaire efficacy	74 lm/W
Colour temperature	4000 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

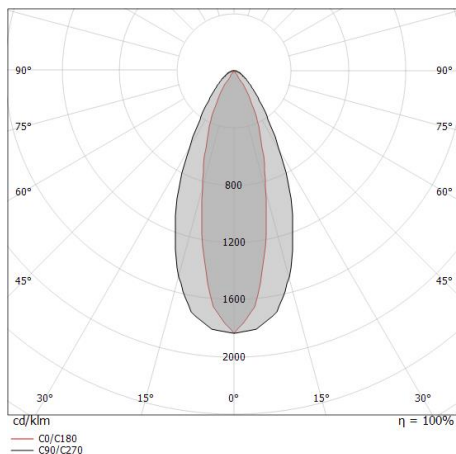
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	20.9
UGR transversal	9.8
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 assis



Distance [m]	Cone diameter [m]	Beam diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.46	0.25	23980	24.9° 8962	14.1° 10942
1.0	0.93	0.50	5995	24.9° 2241	14.1° 2735
1.5	1.39	0.75	2664	24.9° 996	14.1° 1216
2.0	1.86	1.00	1499	24.9° 560	14.1° 684
2.5	2.32	1.26	959	24.9° 358	14.1° 438
3.0	2.79	1.51	666	24.9° 249	14.1° 304

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

— C0/C180 (Half-peak divergence: 28.2°)
— C90/C270 (Half-peak divergence: 49.8°)



	<p>Cable and connector Length 2000 mm; insulation double; section 1.5 mm²; cable gland: no; external diameter: 9.5 mm; colors: blue - brown - yellow-green.</p>	<p>Code <u>99057</u></p>	
	<p>Cable and connector Length 5000 mm; insulation double; section 1.5 mm²; cable gland: no; external diameter: 9.5 mm; colors: blue - brown - yellow-green.</p>	<p>Code <u>98147</u></p>	
		<p>Cable and connector Length 10000 mm; insulation double; section 1.5 mm²; cable gland: no; external diameter: 9.5 mm; colors: blue - brown - yellow-green.</p>	<p>Code <u>98146</u></p>
		<p>Outer casing installation position: floor; type of installation: masonry L=1001mm, H=140mm, D=75mm. Material:Aluminium 6060, colour:Anodised Black, processing:15 µm Anodizing.</p>	<p>Finish [Redacted] Code <u>98726</u></p>
	<p>Key</p>	<p>Code <u>98957</u></p>	