



Lines | 110-240 V AC /176-280 V DC | 27 x powerLEDs 59 W DC - 65 W AC | CRI 80 | Base
81590M30

Single emission lines for outdoor application. The super warm white LED light source is composed of 27 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 7182 lm, with a 121.7 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 7 kg.

The total absorbed power is 65 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 99760(for concrete or masonry).

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

Energy efficiency class

This product contains 6 light sources of energy efficiency class D.

Illuminotechnical Features

Light Output Ratio (LOR)	57 %
Source lumens	7182 lm
Delivered lumens	4096 lm
Consumption	65 W
Luminaire efficacy	63 lm/W
Colour temperature	2700 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

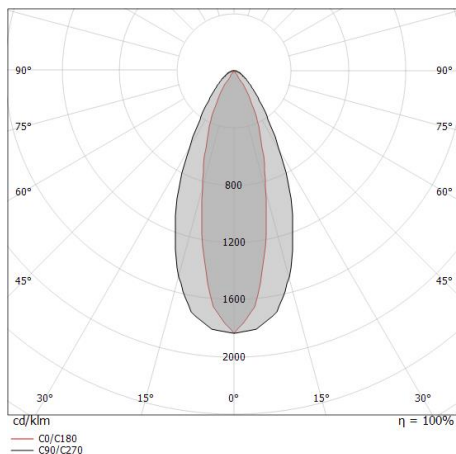
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	20.3
UGR transversal	9.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	50°
C0/C180 optics	28°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.46 0.25	E(0°) 30079 E(C90) 24.9° 11242 E(C0) 14.1° 13724
1.0	0.93 0.50	E(0°) 7520 E(C90) 24.9° 2810 E(C0) 14.1° 3431
1.5	1.39 0.75	E(0°) 3342 E(C90) 24.9° 1249 E(C0) 14.1° 1525
2.0	1.86 1.00	E(0°) 1880 E(C90) 24.9° 703 E(C0) 14.1° 858
2.5	2.32 1.26	E(0°) 1203 E(C90) 24.9° 450 E(C0) 14.1° 549
3.0	2.79 1.51	E(0°) 836 E(C90) 24.9° 312 E(C0) 14.1° 381

— 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: wall lights, floor; type of installation: masonry L=1536mm, H=138.3mm, D=100.2mm. Material:Iron, colour:zinc, processing:Galvanising.</p>	<p>Finish Grey Code <u>99760</u></p>