



Lines | 220-240 V | 18 x powerLEDs 36.5 W DC - 41 W AC | CRI 80 | Base
82307W30

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 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 41 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	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

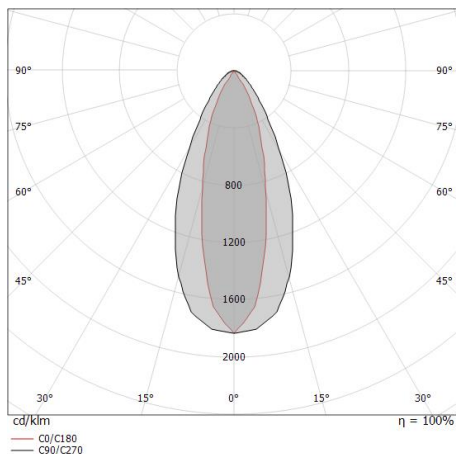
L70 B10 C0 361980h (at Tj 60 Ta 25)

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.46 0.25	E(0°) 22526 E(C90) 24.9° 8419 E(C0) 14.1° 10278
1.0	0.93 0.50	E(0°) 5631 E(C90) 24.9° 2105 E(C0) 14.1° 2570
1.5	1.39 0.75	E(0°) 2503 E(C90) 24.9° 925 E(C0) 14.1° 1142
2.0	1.86 1.00	E(0°) 1408 E(C90) 24.9° 526 E(C0) 14.1° 642
2.5	2.32 1.26	E(0°) 901 E(C90) 24.9° 337 E(C0) 14.1° 411
3.0	2.79 1.51	E(0°) 626 E(C90) 24.9° 234 E(C0) 14.1° 286

Distance [m] Cone diameter [m] illuminance [lx]

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



		<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 </p>	<p>Code 98726</p>
		<p>Cable and connector Length 5000 mm.</p>		<p>Code 99822</p>
		<p>Cable and connector Length 1000 mm.</p>		<p>Code 99823</p>
		<p>Cable and connector Length 5000 mm.</p>		<p>Code 99824</p>
		<p>Cable and connector Length 10000 mm.</p>		<p>Code 99825</p>
		<p>Cable and connector Length 1000 mm.</p>		<p>Code 99826</p>