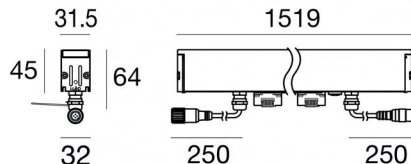


Xenia_AF PRO



Lines | 85-265 V
30 x powerLEDs 37 W DC - 41.3 W AC | CRI 80
C00657AMWWF



Technical data

Type	Frameless
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLEDs
Optics	Wide Flood
Light emission direction	upward
Nominal power	37 W DC
Total Power	41.3 W
Source lumens	5400 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	85 - 265 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP68
Installation limitations	Not for underwater use
IK	IK08
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	Yes
Drive-over	2000 Kg
Cable included	Yes
Cable length	0.25 m
Resin potting	No
Type of light emission	Single emission
Net weight	2.5 Kg
Electrostatic discharge protection	Yes
Surge protection	0.5 KV

Finishing casing

Material	Aluminium
Colour	Anodised Aluminum
Processing	15 µm Anodizing

Finishing diffuser

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



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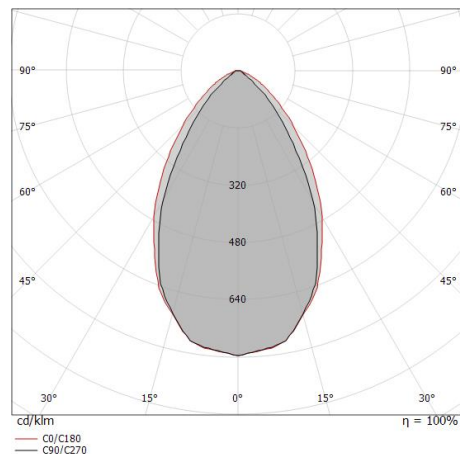
Single emission lines for outdoor application. The warm white LED light source with a wide flood light distribution is composed of 30 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 5400 lm, with a 145.9 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a anodised aluminum 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 IP68; the total weight is of 2.5 kg.

The total absorbed power is 41.3 W. The power supply cable is included and features a 0.25 m length.

The device features protection class II and can be floor-mounted with an outer casing, code 99916(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.60 0.67	E(0°) 11815 E(C90) 30.8° 3763 E(C0) 33.9° 3385
1.0	1.19 1.34	E(0°) 2954 E(C90) 30.8° 941 E(C0) 33.9° 846
1.5	1.79 2.02	E(0°) 1313 E(C90) 30.8° 418 E(C0) 33.9° 376
2.0	2.38 2.69	E(0°) 738 E(C90) 30.8° 235 E(C0) 33.9° 212
2.5	2.98 3.36	E(0°) 473 E(C90) 30.8° 151 E(C0) 33.9° 135
3.0	3.58 4.03	E(0°) 328 E(C90) 30.8° 105 E(C0) 33.9° 94

— C0/C180 (Half-peak divergence: 67.8°)
— C90/C270 (Half-peak divergence: 61.6°)

Energy efficiency class

This product contains 5 light sources of energy efficiency class D.

Illuminotechnical Features

Light Output Ratio (LOR)	68 %
Source lumens	5400 lm
Delivered lumens	3708 lm
Consumption	41.3 W
Luminaire efficacy	89 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	20.4
UGR transversal	23.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	62°
C0/C180 optics	68°
Light distribution simmetry	Symmetrical 2 assis



	<p>Cable and connector - 24V DC 190-250V AC - Conn. F.4 pin M12 (L 5m) Length 5000 mm; insulation double; cable gland: no; colors: white - black - blue - brown.</p>	<p>Code <u>89190</u></p>	
	<p>Cable and connector - 24V DC 190-250V AC - Conn M. + F. 4 pin M12 (L 5m) Length 5000 mm; insulation double; cable gland: no.</p>	<p>Code <u>98149</u></p>	
	<p>Cable and connector - 24V DC 190-250V AC - Conn M. + F. 4 pin M12 (L 10m) Length 10000 mm; insulation double; cable gland: no.</p>	<p>Code <u>89188</u></p>	
	<p>Cable and connector - 24V DC 190-250V AC - Conn. F.4 pin M12 (L 1,5m) Length 1500 mm; insulation double; cable gland: no; colors: white - black - blue - brown.</p>	<p>Code <u>99216</u></p>	
	<p>Cable and connector - Extension cable Length 1000 mm; insulation double; cable gland: no.</p>	<p>Code <u>98437</u></p>	
	<p>Bracket installation position: wall lights, ceiling, floor L=35mm, H=72.8mm, D=36.5mm. Material:AISI 304 steel, colour:Scotch Brite Steel.</p>	<p>Code <u>98949</u></p>	
	<p>Bracket installation position: wall lights, ceiling, floor. Material:AISI 304 steel, colour:Scotch Brite Steel.</p>	<p>Code <u>C-F400006</u></p>	
		<p>Outer casing installation position: floor; type of installation: masonry L=1519mm, H=78.7mm, D=71.1mm</p>	<p>Code <u>99916</u></p>



Closing cap

Material:Aluminium 6060, colour:Aluminium.

Code

99917