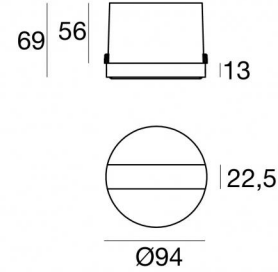


Arcada Pro



Uplights | 190-250 V AC /260-360 V DC
4 x powerLED 4 W DC - 6 W AC | CRI 80
84285M18



Technical data	
Type	Surface - -
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Elliptic Narrow Spot (Wall Grazing)
Light emission direction	upward
Nominal power	4 W DC
Total Power	6 W
Source lumens	440 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	190 - 250 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP65
IK	IK08
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	Swivelling
total angle (vertical plane)	10 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	1 m
Resin potting	No
Type of light emission	Arced diffusion
Net weight	0.65 Kg
Electrostatic discharge protection	4 KV
Surge protection	0,5 KV
Product technological characteristics	TCS - TVS - UV Resistant

Finishing casing

Material	UV Resistant Polycarbonate
Colour	Grey
Processing	Liquid painting

Finishing diffuser

Material	UV Resistant Polycarbonate
Colour	transparent

Finishing base

Material	Die-cast Aluminium EN AB - 46100
Colour	Grey
Processing	Open pore anodizing + Powder Coating

Cables Electrification

Cable connector	No
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The driver contained in the device complies with IEC 61347-2-13 annex J₁ and can therefore be powered by centralized power systems.



Uplights | 190-250 V AC /260-360 V DC | 4 x powerLED 4 W DC - 6 W AC | CRI 80 | Base
84285M18

Arced diffusion uplights for outdoor application. The super warm white LED light source with a elliptic narrow spot (wall grazing) light distribution is composed of 4 powerleds LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 440 lm, with a 110.0 lm/W nominal luminous efficacy.

The device body is made of uv resistant polycarbonate and features a grey finish, processed by means of liquid painting; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP65; the total weight is of 0.65 kg.

The total absorbed power is 6 W. The power supply cable is included and features a 1 m length.

The device features protection class I and can be wall lights, ceiling or floor-mounted.

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

Energy efficiency class

This product contains a light source of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	23 %
Source lumens	440 lm
Delivered lumens	103 lm
Consumption	6 W
Luminaire efficacy	17 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

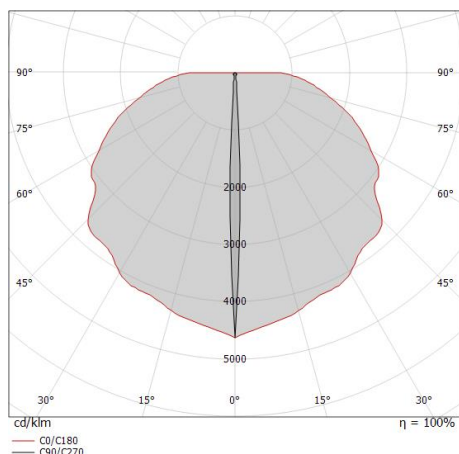
L70 B10 C0 60500h

UGR

UGR axial	13.6
UGR transversal	39
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	4°
C0/C180 optics	134.2°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.04 2.57	E(0°) 1888 E(C90) 960 E(C0) 56
1.0	0.08 4.73	E(0°) 472 E(C90) 240 E(C0) 14
1.5	0.12 7.10	E(0°) 210 E(C90) 107 E(C0) 6
2.0	0.15 8.47	E(0°) 118 E(C90) 60 E(C0) 3
2.5	0.19 11.84	E(0°) 76 E(C90) 38 E(C0) 2
3.0	0.23 14.20	E(0°) 52 E(C90) 27 E(C0) 2

— C0/C180 (Half-peak divergence: 134.2°)
— C90/C270 (Half-peak divergence: 4.4°)