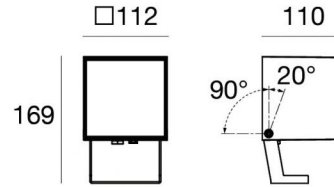


Periskop110



Projectors | 198-264 V AC /180-280 V DC
4 x powerLEDs 8.4 W DC - 10 W AC | CRI 80
C00818BBWHS



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLEDs
Optics	Hyper Spot
Light emission direction	frontal
Nominal power	8.4 W DC
Total Power	10 W
Source lumens	840 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP66
IK	IK08
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI-2 - PUSH DIM
Directional	Swivelling
total angle (vertical plane)	110 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	1 m
Resin potting	No
Type of light emission	Single emission
Net weight	1.9 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV
Product technological characteristics	TCS

Finishing casing

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

Finishing diffuser

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

Finishing bracket

Material	AISI 304 steel
Colour	Black
Processing	Powder coating

Cables Electrification

Cable connector	No
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Projectors | 198-264 V AC /180-280 V DC | 4 x powerLEDs 8.4 W DC - 10 W AC | CRI 80 | Base
C00818BBWHS

Single emission projectors for outdoor application. The warm white LED light source with a hyper spot light distribution is composed of 4 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 840 lm, with a 100.0 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP66; the total weight is of 1.9 kg.

The total absorbed power is 10 W. The power supply cable is included and features a 1 m length.

The device features protection class II 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)	65 %
Source lumens	840 lm
Delivered lumens	552 lm
Consumption	10 W
Luminaire efficacy	55 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	1/16 ANSI BIN
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

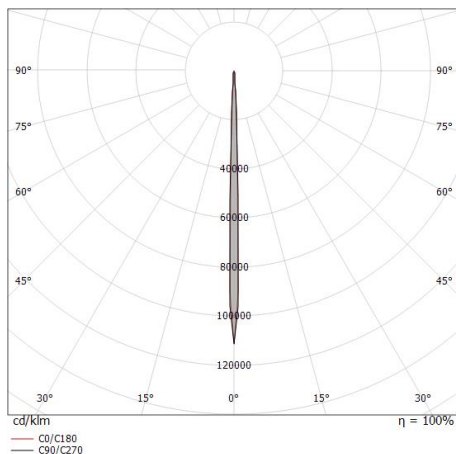
L70 B10 C0 78400h

UGR

UGR axial	2.6
UGR transversal	2.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

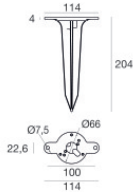
C0/C180 optics	3°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.03	245369	1.9°	123148	1.7°
1.0	0.07	61342	1.9°	30787	1.7°
1.5	0.10	27263	1.9°	13683	1.7°
2.0	0.13	15336	1.9°	7697	1.7°
2.5	0.17	9815	1.9°	4926	1.7°
3.0	0.20	6816	1.9°	3421	1.7°

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

— C0/C180 (Half-peak divergence: 3.4°)
 — C90/C270 (Half-peak divergence: 3.8°)



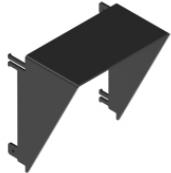
Picket
installation position: land,Cover material: pc

Code
98549



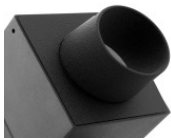
Bag / Fixing kit - Belt for installation on tree

Code
99802



Anti-glare
Anti-glare Type: eyelid.
Material:AISI 304 steel, colour:Black, processing:Powder coating.

Code
C-U300024



Anti-glare
Anti-glare Type: snoot.
Material:Aluminium 6060, colour:Black, processing:Open pore anodizing + Powder Coating.

Code
C-U300027