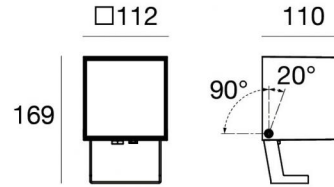


# Periskop110



Projectors | 198-264 V  
9 x powerLEDs 18 W DC - 21 W AC | CRI 80  
**C00819WHMUS**



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLEDs
Optics	Ultra Spot
Light emission direction	frontal
Nominal power	18 W DC
Total Power	21 W
Source lumens	1566 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 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	No
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	White
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 | 9 x powerLEDs 18 W DC - 21 W AC | CRI 80 | Base  
**C00819WHMUS**

Single emission projectors for outdoor application. The super warm white LED light source with a ultra spot light distribution is composed of 9 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1566 lm, with a 87.0 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white 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 21 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)	75 %
Source lumens	1566 lm
Delivered lumens	1188 lm
Consumption	21 W
Luminaire efficacy	56 lm/W
Colour temperature	2700 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

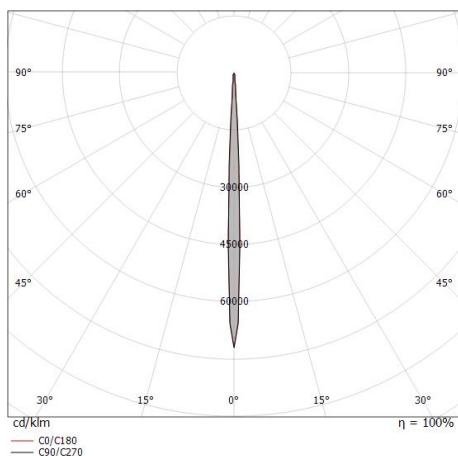
L70 B10 C0 78400h

### UGR

UGR axial	8.7
UGR transversal	8.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	4°
Light distribution simmetry	Symmetrical

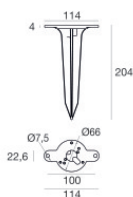


Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.04 0.04	E(0°) 342700 E(C90) 2.4° 174223 E(C0) 2.2° 181373
1.0	0.08 0.08	E(0°) 85675 E(C90) 2.4° 43556 E(C0) 2.2° 45343
1.5	0.12 0.12	E(0°) 38078 E(C90) 2.4° 19258 E(C0) 2.2° 20153
2.0	0.17 0.15	E(0°) 21419 E(C90) 2.4° 10889 E(C0) 2.2° 11336
2.5	0.21 0.19	E(0°) 13708 E(C90) 2.4° 6969 E(C0) 2.2° 7255
3.0	0.25 0.23	E(0°) 9519 E(C90) 2.4° 4840 E(C0) 2.2° 5038



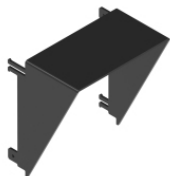
Bag / Fixing kit - Belt for installation on tree

**Code**  
99802



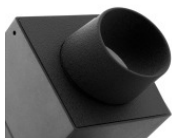
Picket  
installation position: land,Cover material: pc

**Code**  
98549



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