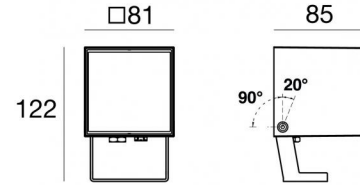


# Periskop80



Projectors | 198-264 V  
1 arrayLED 9.5 W DC - 11.5 W AC | CRI 80  
**C00487DBNML**



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Medium Flood
Light emission direction	frontal
Nominal power	9.5 W DC
Total Power	11.5 W
Source lumens	1354 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
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 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV
Product technological characteristics	TCS

## Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	Dark brown
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



Projectors | 198-264 V | 1 arrayLED 9.5 W DC - 11.5 W AC | CRI 80 | Base C00487DBNML

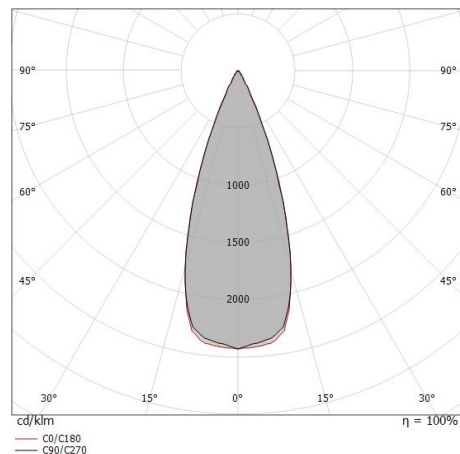
Single emission projectors for outdoor application. The natural white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1354 lm, with a 142.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a dark brown 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 kg.

The total absorbed power is 11.5 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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.34	E(0°) 9982 E(C90) 18.9° 4271 E(C0) 18.8° 4260
1.0	0.68	E(0°) 2495 E(C90) 18.9° 1068 E(C0) 18.8° 1065
1.5	1.03	E(0°) 1109 E(C90) 18.9° 475 E(C0) 18.8° 473
2.0	1.37	E(0°) 624 E(C90) 18.9° 267 E(C0) 18.8° 266
2.5	1.71	E(0°) 399 E(C90) 18.9° 171 E(C0) 18.8° 170
3.0	2.05	E(0°) 277 E(C90) 18.9° 119 E(C0) 18.8° 118

— C0/C180 (Half-peak divergence: 37.6°)  
— C90/C270 (Half-peak divergence: 37.8°)

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	75 %
Source lumens	1354 lm
Delivered lumens	1026 lm
Consumption	11.5 W
Luminaire efficacy	89 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 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

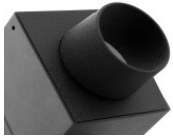
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

UGR axial	12.4
UGR transversal	12.5
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

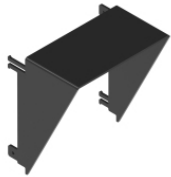
### OPTICAL

C0/C180 optics	38°
Light distribution simmetry	Symmetrical



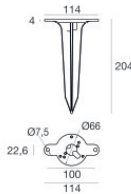
Anti-glare  
Anti-glare Type: snoot.  
Material:Aluminium 6060, colour:Black, processing:Open pore anodizing + Powder Coating.

**Code**  
C-U300026



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

**Code**  
C-U300023



Picket  
installation position: land,Cover material: pc

**Code**  
98549



Bag / Fixing kit - Belt for installation on tree

**Code**  
99802