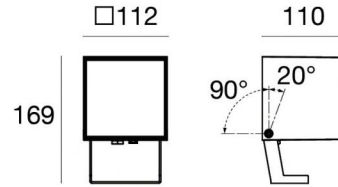


Periskop110



Projectors | 198-264 V
1 arrayLED 18 W DC - 21 W AC | CRI 80
C00812DBNML



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	18 W DC
Total Power	21 W
Source lumens	2996 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	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	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 18 W DC - 21 W AC | CRI 80 | Base C00812DBNML

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	71 %
Source lumens	2996 lm
Delivered lumens	2138 lm
Consumption	21 W
Luminaire efficacy	101 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	11
UGR transversal	10.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	37°
Light distribution simmetry	Symmetrical

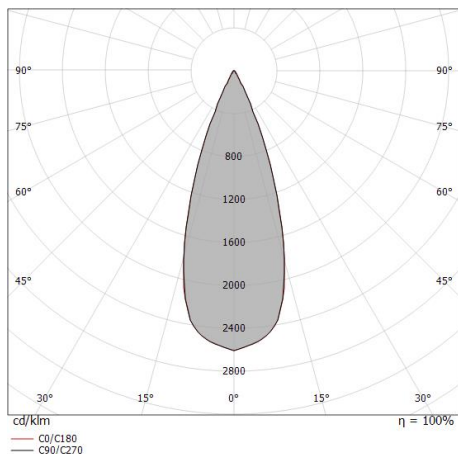
Single emission projectors for outdoor application. The natural white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2996 lm, with a 166.4 lm/W nominal luminous efficacy.

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 1.9 kg.

The total absorbed power is 21 W. The power supply cable is included and features a 1 m length.

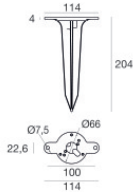
The device features protection class II and can be wall lights, ceiling or floor-mounted.

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.33	E(0°) 22314 E(C90) 18.5° 9528 E(C0) 18.4° 9628
1.0	0.67	E(0°) 5579 E(C90) 18.5° 2382 E(C0) 18.4° 2407
1.5	1.00	E(0°) 2479 E(C90) 18.5° 1059 E(C0) 18.4° 1070
2.0	1.34	E(0°) 1395 E(C90) 18.5° 596 E(C0) 18.4° 602
2.5	1.67	E(0°) 893 E(C90) 18.5° 381 E(C0) 18.4° 385
3.0	2.01	E(0°) 620 E(C90) 18.5° 265 E(C0) 18.4° 267

— C0/C180 (Half-peak divergence: 36.8°)
— C90/C270 (Half-peak divergence: 37.0°)



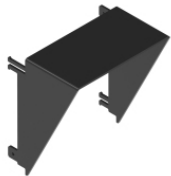
Picket
installation position: land,Cover material: pc

Code
98549



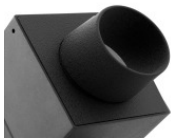
Bag / Fixing kit - Belt for installation on tree

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