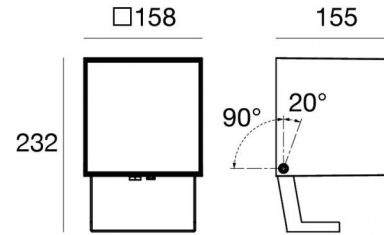


# Periskop160



Projectors | 198-264 V AC /170-280 V DC  
1 arrayLED 44 W DC - 48 W AC | CRI 80  
**C00857DBMWF**



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Wide Flood
Light emission direction	frontal
Nominal power	44 W DC
Total Power	48 W
Source lumens	7328 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	3.7 Kg
Electrostatic discharge protection	Yes
Surge protection	2 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 AC /170-280 V DC | 1 arrayLED 44 W DC - 48 W AC | CRI 80 | Base  
**C00857DBMWF**

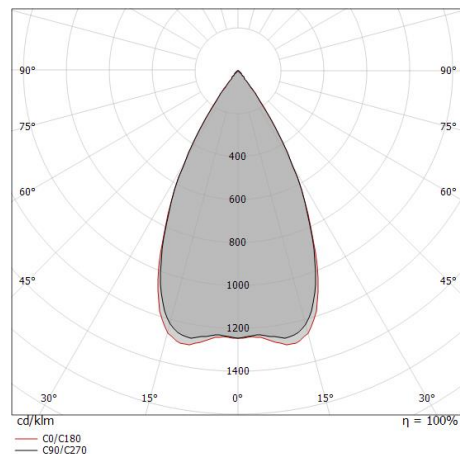
Single emission projectors for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 7328 lm, with a 166.5 lm/W nominal luminous efficacy.

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 3.7 kg.

The total absorbed power is 48 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	0.53 0.52	E(0°) 25057 E(C90) 27.9° 8778 E(C0) 27.6° 9099
1.0	1.06 1.05	E(0°) 6264 E(C90) 27.9° 2194 E(C0) 27.6° 2275
1.5	1.59 1.57	E(0°) 2784 E(C90) 27.9° 975 E(C0) 27.6° 1011
2.0	2.12 2.09	E(0°) 1566 E(C90) 27.9° 549 E(C0) 27.6° 569
2.5	2.65 2.61	E(0°) 1002 E(C90) 27.9° 351 E(C0) 27.6° 364
3.0	3.18 3.14	E(0°) 696 E(C90) 27.9° 244 E(C0) 27.6° 253

— C0/C180 (Half-peak divergence: 55.2°)  
 - - C90/C270 (Half-peak divergence: 55.8°)

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	68 %
Source lumens	7328 lm
Delivered lumens	5021 lm
Consumption	48 W
Luminaire efficacy	104 lm/W
Colour temperature	2700 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

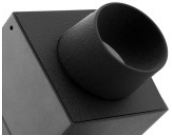
L70 B10 C0 112960h (at Tj 65 Ta 25)

### UGR

UGR axial	17.4
UGR transversal	17.5
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

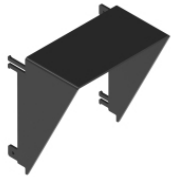
### OPTICAL

C0/C180 optics	55°
Light distribution simmetry	Symmetrical



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

**Code**  
C-U300028



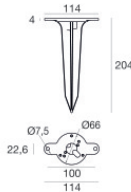
Anti-glare  
 Anti-glare Type: eyelid.  
 Material:AISI 304 steel, colour:Black, processing:Powder coating.

**Code**  
C-U300025



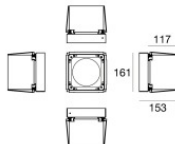
Bag / Fixing kit - Belt for installation on tree

**Code**  
99802



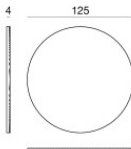
Picket  
 installation position: land,Cover material: pc

**Code**  
98549



Anti-glare  
 Anti-glare Type: directional blades.  
 Material:Iron, colour:Black, processing:Powder coating.

**Code**  
C-U300032



Diffuser - Diffuser to be mounted in combination with the C-U300032 accessory  
 Diffuser Type: elliptical filter

**Code**  
C-U300033