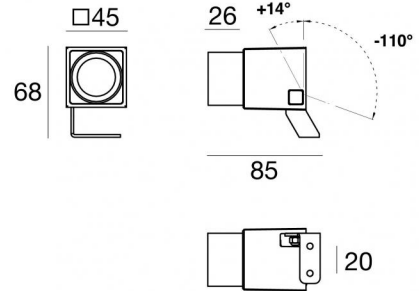


Periskop45



Projectors | 1 x powerLED 6 W DC 500 mA | CRI 80
81791M08



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Narrow Spot
Light emission direction	frontal
Nominal power	6 W DC
Source lumens	659 lm
Input voltage range	500mA
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP66
IK	IK05
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	Swivelling
total angle (vertical plane)	224 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	1 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.2 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Snoot
Product technological characteristics	Acquastop - TVS

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

Finishing bracket

Material	Aluminium 5754
Colour	Anodised Black
Processing	15 µm Anodizing

Electronics



99185
On/Off Driver 198-264V AC (1 - 3 art.)



Projectors | 1 x powerLED 6 W DC 500 mA | CRI 80 | Base 81791M08

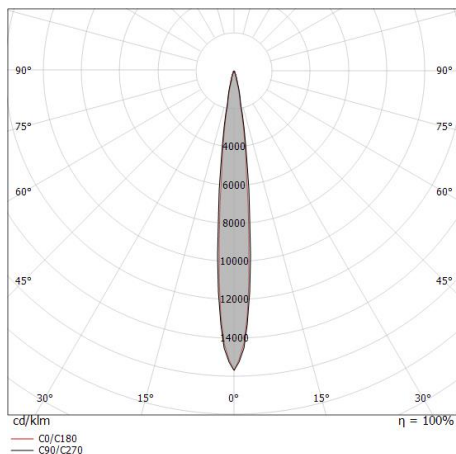
Single emission projectors for outdoor application. The super warm white LED light source with a narrow spot light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 659 lm, with a 109.8 lm/W nominal luminous efficacy.

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. The ingress protection degree is IP66; the total weight is of 0.2 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6 W. The power supply cable is included and features a 1 m length.

The device features protection class III 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	0.10 0.10	E(0°) 30671 E(C90) 5.9° 15408 E(C0) 5.5° 15333
1.0	0.21 0.19	E(0°) 7668 E(C90) 5.9° 3852 E(C0) 5.5° 3833
1.5	0.31 0.29	E(0°) 3408 E(C90) 5.9° 1712 E(C0) 5.5° 1704
2.0	0.41 0.38	E(0°) 1917 E(C90) 5.9° 963 E(C0) 5.5° 958
2.5	0.52 0.48	E(0°) 1227 E(C90) 5.9° 616 E(C0) 5.5° 613
3.0	0.62 0.58	E(0°) 852 E(C90) 5.9° 428 E(C0) 5.5° 426

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 11.0°)
— C90/C270 (Half-peak divergence: 11.8°)

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	74 %
Source lumens	659 lm
Delivered lumens	488 lm
Consumption	6 W
Luminaire efficacy	81 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

UGR axial	6.2
UGR transversal	6.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

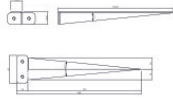
C0/C180 optics	11°
Light distribution simmetry	Symmetrical

COLOR VECTOR GRAPHIC





Periskop45 | Projectors | Accessories
81791M08



Picket
installation position: land,Cover material: aisi 304 steel

Code
98550



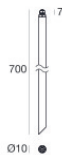
Picket - L. 160mm
installation position: land,Cover material: aisi 304 steel

Code
98624



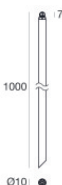
Bag / Fixing kit - Belt for installation on tree

Code
99802



Picket - L. 700mm
installation position: land,Cover material: aisi 304 steel

Code
C-F500002



Picket - L. 1000mm
installation position: land,Cover material: aisi 304 steel

Code
C-F500003