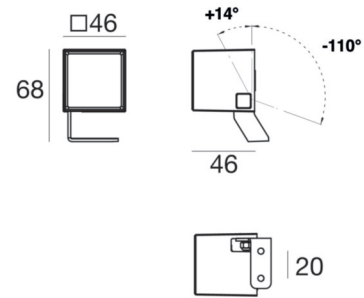


# Periskop



Projectors | 1 x powerLED 6 W 500 mA | CRI 80  
90519M15



## Technical data

Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Spot
Light emission direction	frontal
Power	6 W
Source lumens	659 lm
Current intensity	500mA
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
Energy class	A+
Safety class	3
IP	IP66
IK	IK05
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	No
Fire Rated (BS 476 PT21 compliant)	No
Driver included	No
Emergency mode	No
Motion sensor	No
Directional	Swivelling
total angle (vertical plane)	124 °
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	0.25 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	Acquastop - TVS
Ordinary temperature on the glass	40 °C


## Finishing casing


Material	Die-cast Aluminium EN AB - 46100
Colour	embossed white RAL 9003
Processing	Open pore anodizing + Powder Coating

## Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening

## Electronics

 99181  
On/Off Driver 180-300V AC

 99185  
On/Off Driver 180-300V AC

## Cables Electrification

Cable connector	No
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Projectors | 1 x powerLED 6 W 500 mA | CRI 80 | Base  
**90519M15**

Single emission projectors for outdoor application. The super warm LED light source with a 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 embossed white ral 9003 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 0.25 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.

### Illuminotechnical Features

Light Output Ratio (LOR)	73 %
Source lumens	659 lm
Delivered lumens	484.42 lm
Consumption	6 W
Luminaire efficacy	80 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Black Body Locus	On

### LED Life / Failure Ratio

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

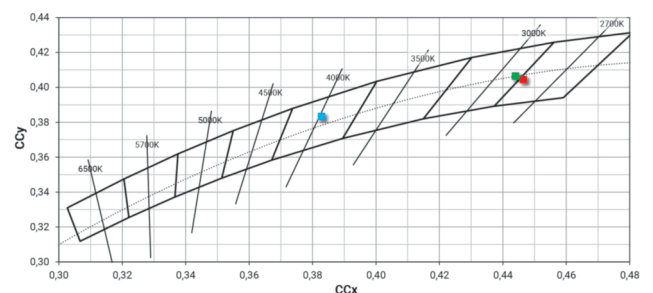
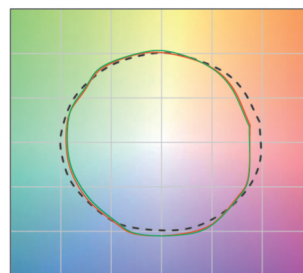
### UGR

UGR axial	< 19
UGR transversal	< 19
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	14°

COLOR VECTOR GRAPHIC



Projectors | 1 x powerLED 6 W 500 mA | CRI 80 | Base  
**90519M15**

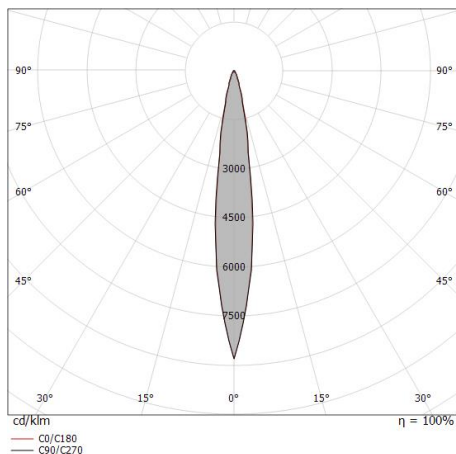
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Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.13 0.11	E(0°) 17062 E(C90) 8331 E(C0) 8375
1.0	0.26 0.25	E(0°) 4266 E(C90) 2083 E(C0) 2094
1.5	0.39 0.38	E(0°) 1896 E(C90) 926 E(C0) 931
2.0	0.52 0.51	E(0°) 1066 E(C90) 521 E(C0) 523
2.5	0.65 0.63	E(0°) 682 E(C90) 333 E(C0) 335
3.0	0.78 0.76	E(0°) 474 E(C90) 231 E(C0) 233

— C0/C180 (Half-peak divergence: 14.4°)  
 — C90/C270 (Half-peak divergence: 14.8°)

### Illuminotechnical Features

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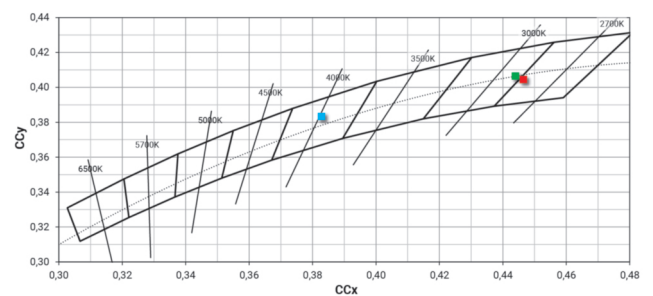
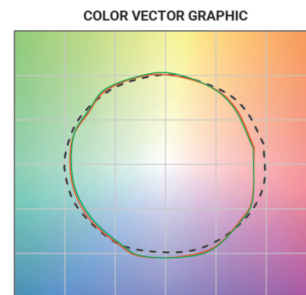
L70 B10 C0 247450h (at Tj 60 Ta 25 )

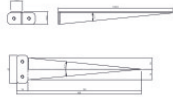
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X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	14°





Pegs  
installation position: land

**Code**  
98550



Pegs  
installation position: land

**Code**  
98624



Fixing kit

**Code**  
99802