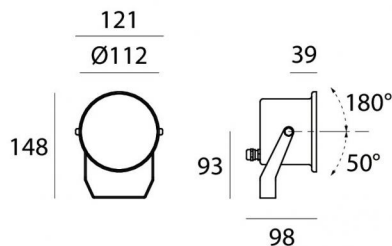




Projectors | 198-264 V AC /180-280 V DC
1 arrayLED 9 W DC - 13 W AC | CRI 80



C00159SEMSP



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	frontal
Nominal power	9 W DC
Total Power	13 W
Source lumens	1265 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	IP68
Installation limitations	Not for underwater use
IK	IK10
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI - PUSH DIM
Directional	Swivelling
total angle (vertical plane)	230 °
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	1.2 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV
Optics technology	Honey comb

Finishing casing

Material	AISI 316 steel
Colour	steel
Processing	electropolishing

Finishing diffuser

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

Finishing bracket

Material	AISI 316 steel
Colour	steel



Projectors | 198-264 V AC /180-280 V DC | 1 arrayLED 9 W DC - 13 W AC | CRI 80 | Base
C00159SEMSP

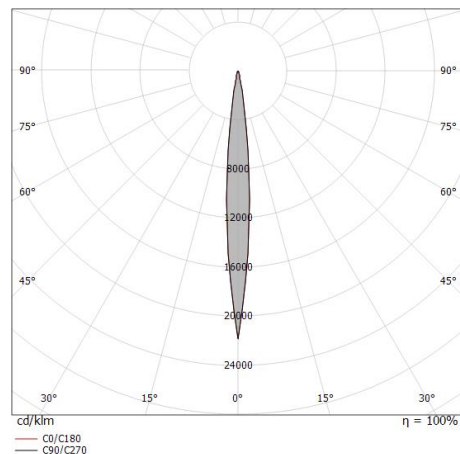
Single emission projectors for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1265 lm, with a 140.6 lm/W nominal luminous efficacy.

The device body is made of aisi 316 steel and features a steel finish, processed by means of electropolishing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP68; the total weight is of 1.2 kg.

The total absorbed power is 13 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	0.08 0.08	E(0°) 68490 E(C90) 4.7° 34399 E(C0) 4.8° 34203
1.0	0.14 0.17	E(0°) 17123 E(C90) 4.7° 8600 E(C0) 4.8° 8551
1.5	0.25 0.25	E(0°) 7610 E(C90) 4.7° 3822 E(C0) 4.8° 3800
2.0	0.33 0.34	E(0°) 4281 E(C90) 4.7° 2150 E(C0) 4.8° 2138
2.5	0.41 0.42	E(0°) 2740 E(C90) 4.7° 1376 E(C0) 4.8° 1368
3.0	0.49 0.50	E(0°) 1903 E(C90) 4.7° 956 E(C0) 4.8° 950

— C0/C180 (Half-peak divergence: 9.6°)
 — C90/C270 (Half-peak divergence: 9.4°)

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	61 %
Source lumens	1265 lm
Delivered lumens	783 lm
Consumption	13 W
Luminaire efficacy	60 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	45°C

LED Life / Failure Ratio

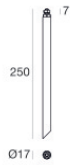
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	3.4
UGR transversal	3.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

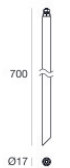
OPTICAL

C0/C180 optics	9°
Light distribution simmetry	Symmetrical



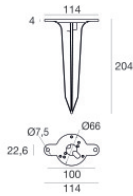
Picket - L. 250mm
 installation position: land,Cover material: aisi 304 steel

Code
84890



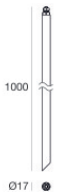
Picket - L. 700mm
 installation position: land,Cover material: aisi 304 steel

Code
98112



Picket
 installation position: land,Cover material: pc

Code
98549



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

Code
C-F500001