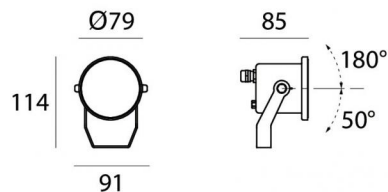




Projectors | 90-264 V AC /180-280 V DC  
1 arrayLED 3.2 W DC - 4.3 W AC | CRI 80



**C00141SEMFL**



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Flood
Light emission direction	frontal
Nominal power	3.2 W DC
Total Power	4.3 W
Source lumens	482 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	90 - 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	No
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	0.6 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV
Optics technology	Honey comb
Product technological characteristics	Acquastop

#### 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 | 90-264 V AC /180-280 V DC | 1 arrayLED 3.2 W DC - 4.3 W AC | CRI 80 | Base  
**C00141SEMFL**

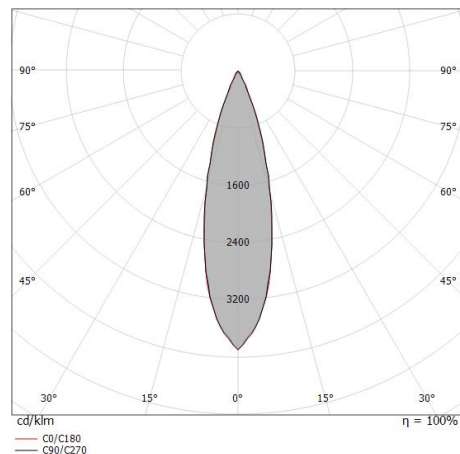
Single emission projectors for outdoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 482 lm, with a 150.6 lm/W nominal luminous efficacy.

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 0.6 kg.

The total absorbed power is 4.3 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	0.24 0.24	E(0°) 4187 E(C90) 13.7° 1921 E(C0) 13.6° 1933
1.0	0.49 0.48	E(0°) 1047 E(C90) 13.7° 480 E(C0) 13.6° 483
1.5	0.73 0.73	E(0°) 465 E(C90) 13.7° 213 E(C0) 13.6° 215
2.0	0.98 0.97	E(0°) 262 E(C90) 13.7° 120 E(C0) 13.6° 121
2.5	1.22 1.21	E(0°) 167 E(C90) 13.7° 77 E(C0) 13.6° 77
3.0	1.46 1.45	E(0°) 116 E(C90) 13.7° 53 E(C0) 13.6° 54

— C0/C180 (Half-peak divergence: 27.2°)  
 — C90/C270 (Half-peak divergence: 27.4°)

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	55 %
Source lumens	482 lm
Delivered lumens	269 lm
Consumption	4.3 W
Luminaire efficacy	62 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 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 134020h (at Tj 65 Ta 25 )

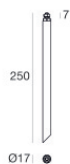
### UGR

UGR axial	6.6
UGR transversal	6.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics 27°

Light distribution simmetry Symmetrical



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

**Code**  
84890



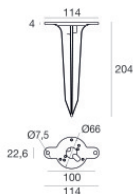
Picket - L. 700mm  
 installation position: land,Cover material: aisi 304 steel

**Code**  
98112



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

**Code**  
C-F500001



Picket  
 installation position: land,Cover material: pc

**Code**  
98549