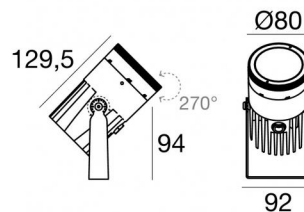




Projectors | 1 arrayLED 22 W DC 630 mA | CRI 80
84543M85



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Adjustable Focus
Light emission direction	frontal
Nominal power	22 W DC
Source lumens	3378 lm
Input voltage range	630mA
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP67
IK	IK10
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)	270 °
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	1.095 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	Acquastop

Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Open pore anodizing + Powder Coating

Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent

Finishing bracket

Material	AISI 316 steel
Colour	White
Processing	Powder coating

Electronics



99186
On/Off Driver 198-264V AC (1 art.)

Projectors | 1 arrayLED 22 W DC 630 mA | CRI 80 | Angle Max 84543M85

Single emission projectors for outdoor application. The super warm white LED light source with a adjustable focus light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 3378 lm, with a 153.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP67; the total weight is of 1.095 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 22 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.

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	46 %
Source lumens	3378 lm
Delivered lumens	1574 lm
Consumption	23 W
Luminaire efficacy	68 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

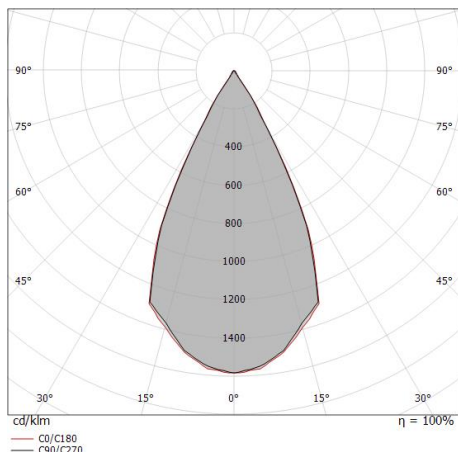
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR transversal	15.6
UGR axial	15.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	52°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.49 0.49	E(0°) 8015 E(C90) 25.9° 2940 E(C0) 26.1° 2914
1.0	0.97 0.98	E(0°) 2004 E(C90) 25.9° 735 E(C0) 26.1° 728
1.5	1.46 1.47	E(0°) 891 E(C90) 25.9° 327 E(C0) 26.1° 324
2.0	1.94 1.96	E(0°) 501 E(C90) 25.9° 184 E(C0) 26.1° 182
2.5	2.43 2.45	E(0°) 321 E(C90) 25.9° 118 E(C0) 26.1° 117
3.0	2.91 2.94	E(0°) 223 E(C90) 25.9° 82 E(C0) 26.1° 81

— C0/C180 (Half-peak divergence: 52.2°)
— C90/C270 (Half-peak divergence: 51.8°)

Projectors | 1 arrayLED 22 W DC 630 mA | CRI 80 | Angle Min
84543M85

Single emission projectors for outdoor application. The super warm white LED light source with a adjustable focus light distribution is composed of 1 arrayLEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 3378 lm, with a 153.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP67; the total weight is of 1.095 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 22 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.

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	26 %
Source lumens	3378 lm
Delivered lumens	893 lm
Consumption	23 W
Luminaire efficacy	38 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

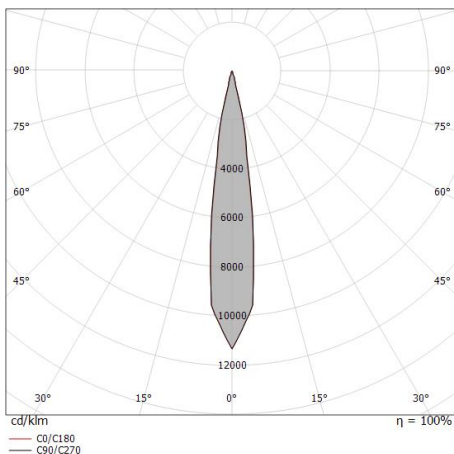
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR transversal	9.2
UGR axial	9.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

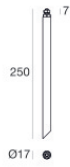
C0/C180 optics	16°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.14 0.14	E(0°) 32511 E(C90) 15925 E(C0) 15936
1.0	0.29 0.28	E(0°) 8128 E(C90) 3981 E(C0) 3984
1.5	0.43 0.43	E(0°) 3612 E(C90) 1769 E(C0) 1771
2.0	0.58 0.57	E(0°) 2032 E(C90) 995 E(C0) 996
2.5	0.72 0.71	E(0°) 1300 E(C90) 637 E(C0) 637
3.0	0.86 0.85	E(0°) 903 E(C90) 442 E(C0) 443

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

— C0/C180 (Half-peak divergence: 16.2°)
 — C90/C270 (Half-peak divergence: 16.4°)



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