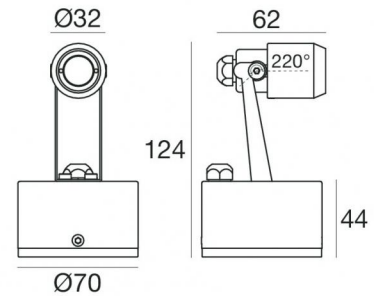




Projectors | 198-264 V AC /180-275 V DC
1 x powerLED 2 W DC - 2.2 W AC | CRI 80
92204M85



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Optics	Adjustable Focus
Light emission direction	frontal
Nominal power	2 W DC
Total Power	2.2 W
Source lumens	219 lm
Voltage	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	80 Ra
Safety class	1
IP	IP65
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)	220 °
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	0.59 Kg
Electrostatic discharge protection	4 KV
Surge protection	0,5 KV
Optics technology	F.O.L.
Product technological characteristics	TVS

Finishing casing

Material	OT58 brass
Colour	nickel
Processing	Galvanic Nickel Plating + Brushing

Finishing diffuser

Material	Extra clear glass
Colour	transparent

Finishing bracket

Material	AISI 316 steel
Colour	Scotch Brite Steel
Processing	Brushing

Finishing base

Material	Aluminium 6026
Colour	Grey RAL 9006
Processing	Open pore anodizing + Powder Coating

Cables Electrification

Cable connector	No
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Projectors | 198-264 V AC /180-275 V DC | 1 x powerLED 2 W DC - 2.2 W AC | CRI 80 | Angle Max **92204M85**

Single emission projectors for outdoor application. The super warm LED light source with a adjustable focus light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 219 lm, with a 109.5 lm/W nominal luminous efficacy.

The device body is made of ot58 brass and features a nickel finish, processed by means of galvanic nickel plating + brushing; the diffuser is made of extra clear glass. The ingress protection degree is IP65; the total weight is of 0.59 kg.

The total absorbed power is 2.2 W. The power supply cable is included and features a 1 m length.

The device features protection class I 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 D.

Illuminotechnical Features

Light Output Ratio (LOR)	80 %
Source lumens	219 lm
Delivered lumens	177 lm
Consumption	2.2 W
Luminaire efficacy	80 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	1.5 Step
Colour rendering index	80 Ra

Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

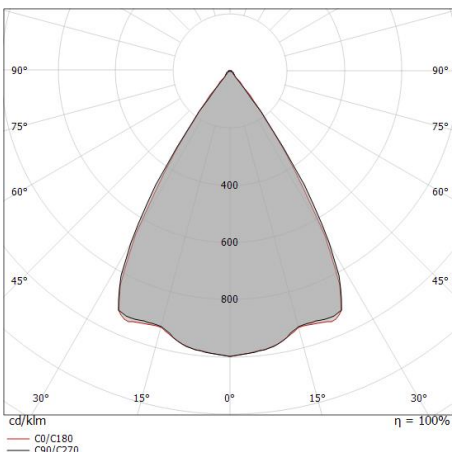
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	19.4
UGR transversal	18.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	64°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.64 0.62	E(0°) 707 E(C90) 214 E(C0) 216
1.0	1.28 1.24	E(0°) 177 E(C90) 54 E(C0) 54
1.5	1.92 1.87	E(0°) 79 E(C90) 24 E(C0) 24
2.0	2.56 2.49	E(0°) 44 E(C90) 13 E(C0) 14
2.5	3.20 3.11	E(0°) 28 E(C90) 9 E(C0) 9
3.0	3.84 3.73	E(0°) 20 E(C90) 6 E(C0) 6

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 63.8°)
— C90/C270 (Half-peak divergence: 65.2°)

Projectors | 198-264 V AC /180-275 V DC | 1 x powerLED 2 W DC - 2.2 W AC | CRI 80 |

Angle Min

92204M85

Single emission projectors for outdoor application. The super warm LED light source with a adjustable focus light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 219 lm, with a 109.5 lm/W nominal luminous efficacy.

The device body is made of ot58 brass and features a nickel finish, processed by means of galvanic nickel plating + brushing; the diffuser is made of extra clear glass. The ingress protection degree is IP65; the total weight is of 0.59 kg.

The total absorbed power is 2.2 W. The power supply cable is included and features a 1 m length.

The device features protection class I 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 D.

Illuminotechnical Features

Light Output Ratio (LOR)	42 %
Source lumens	219 lm
Delivered lumens	94 lm
Consumption	2.2 W
Luminaire efficacy	42 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	1.5 Step
Colour rendering index	80 Ra

Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

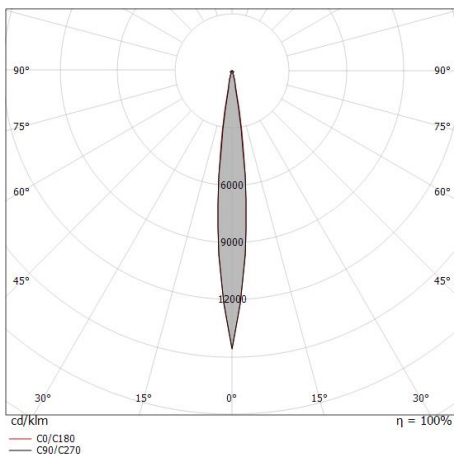
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	20.3
UGR transversal	19.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	11°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.10 0.10	E(0°) 5432 E(C90) 5.6° 2726 E(C0) 5.7° 2716
1.0	0.20 0.20	E(0°) 1358 E(C90) 5.6° 681 E(C0) 5.7° 679
1.5	0.29 0.30	E(0°) 604 E(C90) 5.6° 303 E(C0) 5.7° 302
2.0	0.39 0.40	E(0°) 339 E(C90) 5.6° 170 E(C0) 5.7° 170
2.5	0.49 0.50	E(0°) 217 E(C90) 5.6° 109 E(C0) 5.7° 109
3.0	0.59 0.60	E(0°) 151 E(C90) 5.6° 76 E(C0) 5.7° 75

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

— C0/C180 (Half-peak divergence: 11.4°)
— C90/C270 (Half-peak divergence: 11.2°)



Pegs
installation position: land,Cover material: pc

Code
89371



Anti-glare
Anti-glare Type: snoot.
Material:Aluminium 6026, colour:Embossed black RAL 9005, processing:Open pore
anodizing + Powder Coating.

Code
98513