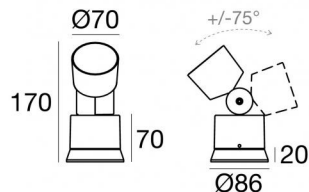




Projectors | 198-264 V | 1 arrayLED 8 W DC - 9 W AC | CRI 80  
**97272N60**



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Extra Wide Flood
Light emission direction	frontal
Nominal power	8 W DC
Total Power	9 W
Source lumens	1343 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
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)	150 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.560 Kg
Electrostatic discharge protection	4 KV
Surge protection	6 KV
Optics technology	Set-back low glare optics

### Finishing casing

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

### Finishing diffuser

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

### Finishing base

Material	PC
Colour	black

Projectors | 198-264 V | 1 arrayLED 8 W DC - 9 W AC | CRI 80 | Base  
**97272N60**

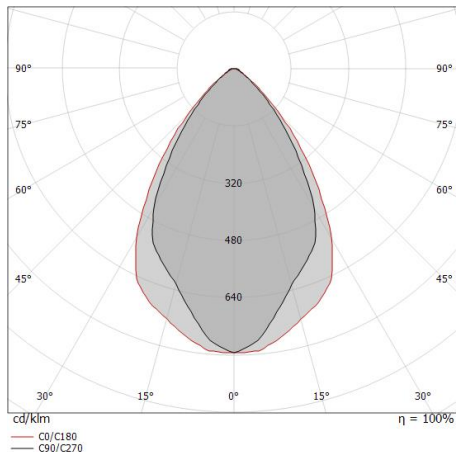
Single emission projectors for outdoor application. The natural white LED light source with a extra wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1343 lm, with a 167.9 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a grey 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 IP65; the total weight is of 0.560 kg.

The total absorbed power is 9 W.

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	0.63 0.72	E(0°) 2950 E(C90) 897 E(C0) 794
1.0	1.25 1.43	E(0°) 738 E(C90) 224 E(C0) 198
1.5	1.88 2.15	E(0°) 328 E(C90) 100 E(C0) 88
2.0	2.51 2.86	E(0°) 184 E(C90) 56 E(C0) 50
2.5	3.14 3.58	E(0°) 118 E(C90) 36 E(C0) 32
3.0	3.76 4.30	E(0°) 82 E(C90) 25 E(C0) 22

— C0/C180 (Half-peak divergence: 71.2°)  
— C90/C270 (Half-peak divergence: 64.2°)

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	69 %
Source lumens	1343 lm
Delivered lumens	928 lm
Consumption	9 W
Luminaire efficacy	103 lm/W
Colour temperature	4000 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 296960h (at Tj 65 Ta 25 )

### UGR

UGR axial	24.3
UGR transversal	25
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C90/C270 optics	64°
C0/C180 optics	71°
Light distribution simmetry	Symmetrical 2 assis



Picket

installation position: land,Cover material: pc

**Code**

89371