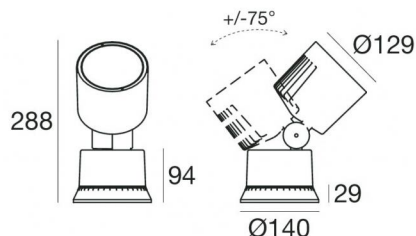




Projectors | 198-264 V | 1 arrayLED 26 W DC - 29 W AC | CRI 80  
81312N15



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	26 W DC
Total Power	29 W
Source lumens	4116 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	2.075 Kg
Electrostatic discharge protection	4 KV
Surge protection	4 KV
Optics technology	Set-back low glare optics
Product technological characteristics	TVS

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 base	
Material	PC
Colour	black

Projectors | 198-264 V | 1 arrayLED 26 W DC - 29 W AC | CRI 80 | Base 81312N15

Single emission projectors for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 4116 lm, with a 158.3 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 IP65; the total weight is of 2.075 kg.

The total absorbed power is 29 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.

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	81 %
Source lumens	4116 lm
Delivered lumens	3337 lm
Consumption	29 W
Luminaire efficacy	115 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

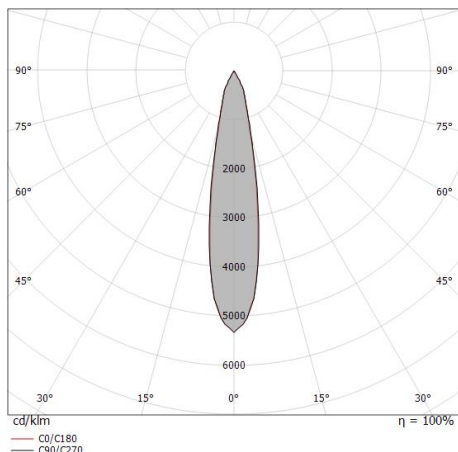
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

UGR axial	9.1
UGR transversal	9.4
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	20°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Half-peak divergence [°]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.18	20.2°	71074	34035	34338	
1.0	0.36	20.2°	17768	8509	8585	
1.5	0.55	20.2°	7897	3782	3815	
2.0	0.73	20.2°	4442	2127	2146	
2.5	0.91	20.2°	2843	1361	1374	
3.0	1.09	20.2°	1974	945	954	



Picket

installation position: land,Cover material: pc

**Code**

89371