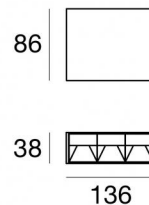




Ceiling Downlights | 198-264 V  
3 x powerLEDs 9.5 W DC - 10.5 W AC | CRI 90

**82603N07**



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLEDs
Optics	Asymmetric Wallwasher
Light emission direction	downward
Nominal power	9.5 W DC
Total Power	10.5 W
Source lumens	1188 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	90 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.170 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.5 Kg
Electrostatic discharge protection	Yes
Surge protection	No
Product technological characteristics	TVS

Finishing casing	
Material	Aluminium 6060
Colour	White
Processing	Powder coating
Finishing diffuser	
Material	PC
Colour	metal gray



Ceiling Downlights | 198-264 V | 3 x powerLEDs 9.5 W DC - 10.5 W AC | CRI 90 | Base  
**82603N07**

Single emission ceiling downlights for indoor application. The natural white LED light source with a asymmetric wallwasher light distribution is composed of 3 powerled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1188 lm, with a 125.1 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a white finish, processed by means of powder coating; the diffuser is made of PC. The ingress protection degree is IP20; the total weight is of 0.5 kg.

The total absorbed power is 10.5 W. The power supply cable is included and features a 0.170 m length.

The device features protection class II and can be ceiling-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)	47 %
Source lumens	1188 lm
Delivered lumens	559 lm
Consumption	10.5 W
Luminaire efficacy	53 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra

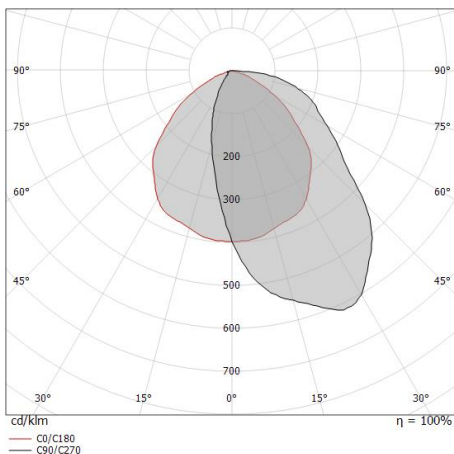
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### LED Life / Failure Ratio

L70 B10 C0 250000h (at Tj 65 Ta 25 )

### OPTICAL

C0/C180 optics	100°
Light distribution simmetry	Asymmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.18	E(0°) 888 E(C0) 120
1.0	2.37	E(0°) 222 E(C0) 30
1.5	3.55	E(0°) 99 E(C0) 13
2.0	4.73	E(0°) 55 E(C0) 7
2.5	5.92	E(0°) 36 E(C0) 5
3.0	7.10	E(0°) 25 E(C0) 3

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

— C0/C180 (Half-peak divergence: 99.6°)