



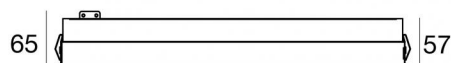
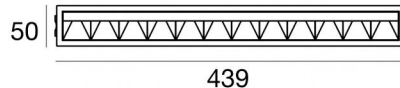
Downlights | 12 x powerLEDs 32.5 W DC 1200 mA

CRI 92

82942N07



432 x  
42



## Technical data

Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLEDs
Optics	Asymmetric Wallwasher
Light emission direction	downward
Nominal power	32.5 W DC
Source lumens	4848 lm
Input voltage range	1200mA
CCT / Tone	4000 K
Colour rendering index	92 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.11 m
Resin potting	No
Type of light emission	Single emission
Net weight	1 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	TVS

## Finishing casing

Material	Iron
Colour	White + Black
Processing	Powder coating

## Finishing diffuser

Material	ABS
Colour	Black

## Finishing radiator

Material	Aluminium 6060
Colour	Anodised Black
Processing	15 µm Anodizing

## Electronics



83008  
1-10V - Push and Simply Dim - DALI-2 Controller (1 art.)



Downlights | 12 x powerLEDs 32.5 W DC 1200 mA | CRI 92 | Base **82942N07**

Single emission recessed downlights for indoor application. The natural white LED light source with a asymmetric wallwasher light distribution is composed of 12 powered LEDs with CCT of 4000 K and a CRI 92; the source luminous flux is 4848 lm, with a 149.2 lm/W nominal luminous efficacy.

The device body is made of iron and features a white + black finish, processed by means of powder coating; the diffuser is made of ABS. The ingress protection degree is IP20; the total weight is of 1 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 32.5 W. The power supply cable is included and features a 0.11 m length.

The device features protection class III and can be ceiling-mounted, with a 432 x 42 mm hole (in plasterboard).

Compliant with the EN 60598-1 standard and its specific provisions.

### Energy efficiency class

This product contains 4 light sources of energy efficiency class E.

### Illuminotechnical Features

Light Output Ratio (LOR)	43 %
Source lumens	4848 lm
Delivered lumens	2131 lm
Consumption	33 W
Luminaire efficacy	64 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	92 Ra

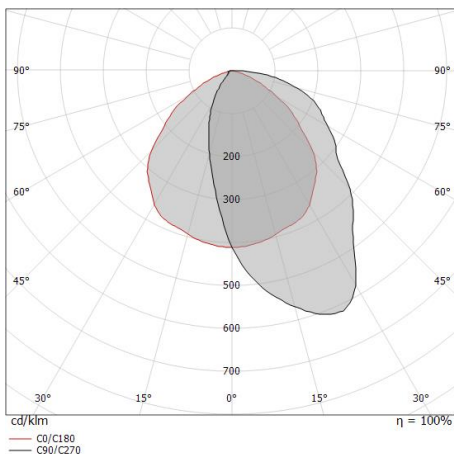
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### LED Life / Failure Ratio

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

### OPTICAL

C0/C180 optics	101°
Light distribution symmetry	Asymmetrical



Distance [m]	Cone diameter [m]	E(0°) [lx]	E(C0) [lx]
0.5	1.22	3506	450
1.0	2.43	877	112
1.5	3.65	390	50
2.0	4.87	219	28
2.5	6.09	140	18
3.0	7.30	97	12

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

— C0/C180 (Half-peak divergence: 101.2°)

— C90/C270