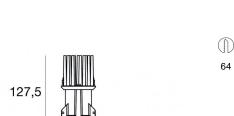
Warp_R PRO

Downlights | 1 arrayLED 11 W DC 300 mA | CRI 90 83766W15



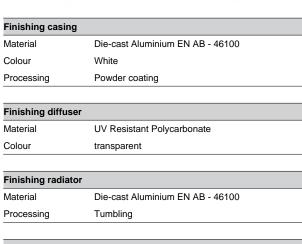
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ptics technology	F.O.L.
roduct technological characteristics	TVS



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Electronics



99734 Multi Power 198~264V AC / 180~275V DC



99732 1-10V Multi Power 198~264V AC / 180~275V DC



83322 Push and Simply Dim - DALI-2 Controller

Warp_R PRO



Downlights | 1 arrayLED 11 W DC 300 mA | CRI 90 | Base 83766W15

Single emission recessed downlights for indoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1578 lm, with a 143.5 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 powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.250 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 11 W.

The device features protection class III and can be ceiling-mounted, with a 64 mm diameter hole (in plasterboard).

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.

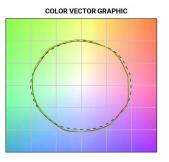
Illuminotechnical Features	
Light Output Ratio (LOR)	17 %
Source lumens	1578 lm
Delivered lumens	284 lm
Consumption	11 W
Luminaire efficacy	25 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

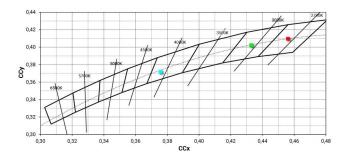
LED Life / Failure Ratio

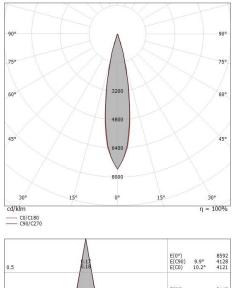
L70 B10 C0 252000h (at Tj 65 Ta 25)

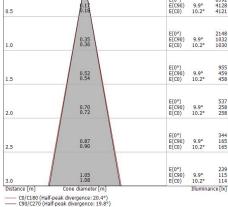
UGR	
UGR axial	8.9
UGR transversal	9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C0/C180 optics	20°
Light distribution simmetry	Symmetrical









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