

## Downlights | 1 arrayLED 15 W DC 400 mA | CRI 90 90673M30





Technical data	
Туре	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Medium Flood
Light emission direction	downward
Nominal power	15 W DC
Source lumens	2214 lm
Input voltage range	400mA
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP .	IP44
Optical compartment IP	IP65
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	0.300 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.511 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	F.O.L.
Product technological characteristics	TVS











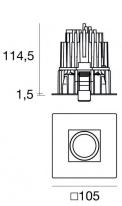












Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	black
Processing	Powder coating

Finishing diffuser		
Material	UV Resistant Polycarbonate	
Colour	transparent	

Finishing flange	
Material	Iron
Colour	Black
Processing	Powder coating

Material	Die-cast Aluminium EN AB - 46100
Processing	Tumbling

# Electronics



99740 Multi Power 198~264V AC / 180~275V DC (1 art.)



99739

1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)



C-E100032 Push and Simply Dim - DALI-2 Controller (1 art.)

Cables Electrification	
Cable connector	Male Easy plug
IP (locked condition)	66



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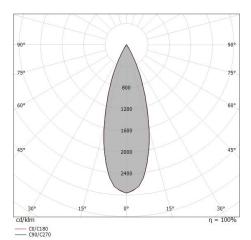
Single emission recessed downlights for indoor application. The super warm white LED light source with a medium flood light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 2214 lm, with a 147.6 lm/W nominal luminous efficacy.

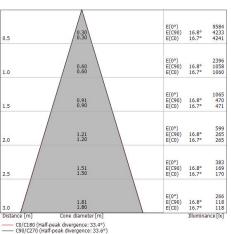
The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.511 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 15 W. The power supply cable is included and features a 0.300 m length.

The device features protection class III and can be ceiling-mounted, with a 95 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)	39 %
Source lumens	2214 lm
Delivered lumens	868 lm
Consumption	15 W
Luminaire efficacy	57 lm/W
Colour temperature	2700 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	11
UGR transversal	10.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C0/C180 optics	33°
Light distribution simmetry	Symmetrical

#### COLOR VECTOR GRAPHIC

