

Downlights | 1 arrayLED 15 W DC 400 mA | CRI 90 90675M15





Installation position Ceiling Installation position Indoor Light Source LED Circuit structure Optics Spot Light emission direction Nominal power Source lumens Input voltage range Circ. / C.V. Colour rendering index Circ. / C.V. Colour rendering index Safety class IP IP44 Optical compartment IP IP65 Glow wire test Direct mounting on normally flammable surfaces CE Pyes Driver included No Dimmable article Directional No Tilting No Walk-over No Cable included Yes Cable length Resin potting No No Surge protection No Surge protection No Surge protection No Surge protection No Circl LED Ceiling Indoor ArrayLED AdvaryLED Adward ArrayLED Ar	Technical data	
Installation environment Light Source Circuit structure Optics Spot Light emission direction Nominal power Source lumens Input voltage range CCT / Tone Colour rendering index CCC / C.V. CCC Safety class IP IP44 Optical compartment IP IP65 Glow wire test Direct mounting on normally flammable surfaces CE Driver included No Dimmable article Directional Tilting No Walk-over No Drive-over No Cable included Yes Cable length Resin potting Type of light emission Net weight Electrostatic discharge protection No Surge protection If WO Modward Advanced Americal End Ame	Туре	Encasement with flange
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Optics Spot Light emission direction downward Nominal power 15 W DC Source lumens 2214 Im 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	Light Source	LED
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	Circuit structure	arrayLED
Nominal power	Optics	Spot
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	Light emission direction	downward
Input voltage range	Nominal power	15 W DC
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	Source lumens	2214 lm
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C.C. / C.V. Safety class IP	CCT / Tone	2700 K
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	Colour rendering index	90 Ra
IP44	C.C. / C.V.	CC
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	Safety class	3
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	IP .	IP44
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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	Direct mounting on normally flammable surfaces	Yes
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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	Tilting	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	Walk-over	No
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	Drive-over	No
Resin potting No Type of light emission Single emission Net weight 0.511 Kg Electrostatic discharge protection No Surge protection No	Cable included	Yes
Type of light emission Net weight Electrostatic discharge protection Surge protection No No	Cable length	0.300 m
Net weight 0.511 Kg Electrostatic discharge protection No Surge protection No	Resin potting	No
Electrostatic discharge protection No Surge protection No	Type of light emission	Single emission
Surge protection No	Net weight	0.511 Kg
	Electrostatic discharge protection	No
Product technological characteristics TVS	Surge protection	No
	Product technological characteristics	TVS











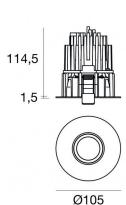








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Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	black
Processing	Powder coating

Finishing diffuser	
Material	UV Resistant Polycarbonate
Colour	transparent

Finishing flange		
Material	Iron	
Colour	Black	
Processing	Powder coating	

Finishing radiator	
Material	Die-cast Aluminium EN AB - 46100
Processing	Tumbling
1 1000001119	Tanbing

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	



Downlights | 1 arrayLED 15 W DC 400 mA | CRI 90 | Base **90675M15**

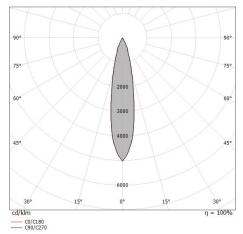
Single emission recessed downlights for indoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 2214 lm, with a 147.6 lm/W nominal luminous efficacy.

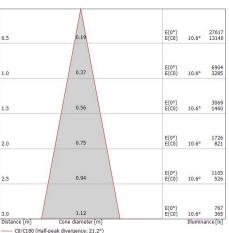
The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.511 kg. The power supply driver is not provided and is to 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)	61 %
Source lumens	2214 lm
Delivered lumens	1372 lm
Consumption	15 W
Luminaire efficacy	91 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	10.7
UGR transversal	10.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C0/C180 optics	21°
Light distribution simmetry	Symmetrical

COLOR VECTOR GRAPHIC

