

## Downlights | 1 x powerLED 8 W DC 700 mA | CRI 90 81258N30





Encasement v flange  Installation position Ceiling Installation environment Indoor Light Source LED Circuit structure Doptics Medium Flood Light emission direction Mominal power Source lumens Typ6 Im Input voltage range CCT / Tone 4000 K Colour rendering index C.C. / C.V. CC Safety class IP IP44 Doptical compartment IP IP65 Glow wire test Direct mounting on normally flammable surfaces CE Direct mounting on normally flammable surfaces CE Direct mounting on normally flammable surfaces CE Direct mounting on hormally flammable surfaces CE Direct mounting on normally flammable surfaces CE Oblination CE	Technical data	
Installation position Ceiling Installation environment Indoor Light Source LED Circuit structure Optics Medium Flood Light emission direction Nominal power Source lumens Input voltage range CCT / Tone Colour rendering index CC. / C.V. CC Safety class IP IP44 Optical compartment IP IP65 Glow wire test Direct mounting on normally flammable surfaces CE Driver included Dimmable article Directional No Directional No Directional No Directional No Directional No Dirive-over No Cable included Yes Cable length Resin potting No Type of light emission Net weight No Single emission Net weight No Single emission Net weight No Single emission Net weight Optice LED CoverLED Circuit structure powerLED OwenLED	1 common data	Francis ( )
Installation environment Light Source LED Circuit structure Diptics Medium Flood downward Nominal power 8 W DC Source lumens 796 Im Input voltage range 700mA CCT / Tone 4000 K Colour rendering index 90 Ra C.C. / C.V. CC Safety class 3 IP IP44 Optical compartment IP IP65 Glow wire test Direct mounting on normally flammable surfaces CE Driver included No Dimmable article Directional Tilting Yes Iotal angle (horizontal plane) Iotal angle (vertical plane) Ves Cable length Resin potting No Type of light emission Net weight Net weight Net mission Net weight Net mission Net weight Net included Single emissic Net weight No Single emissic Net weight No Single emissic	Type	
Light Source  Circuit structure  Optics  Medium Flood downward  Nominal power  Source lumens  Input voltage range  CCT / Tone  Colour rendering index  C.C. / C.V.  Safety class  IP  IP44  Optical compartment IP  Glow wire test  Direct mounting on normally flammable surfaces  CE  Driver included  Dimmable article  Directional  No  Directional  No  Tilting  Yes  Lotal angle (horizontal plane)  Driver-over  No  Cable length  Resin potting  No  Type of light emission  Net weight  Net Direct mounting  No  Type of light emission  No  Type of light emission  No  Type of light emission  Net weight  No  Direct mounting  No  Type of light emission  Net weight  No  Type of light emission  Net weight  Outman Addition  Advanced  Advanced	Installation position	Ceiling
Circuit structure powerLED Optics Medium Flood Light emission direction downward Nominal power 8 W DC Source lumens 796 Im Imput voltage range 700mA CCT / Tone 4000 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 Direct mounting on normally flammable surfaces Yes Directional No Dimmable article DALI - 1-10V Directional No Tilting Yes Iotal angle (horizontal plane) 360 ° Iotal angle (vertical plane) 25 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting Single emission Net weight 0.32 Kg	Installation environment	Indoor
Deptics Medium Flood downward Nominal power 8 W DC Source lumens 796 Im Input voltage range 700mA CCT / Tone 4000 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 Direct mounting on normally flammable surfaces Yes Directional No Dimmable article DALI - 1-10V Directional No Tilting Yes total angle (horizontal plane) 25 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting Type of light emission Net weight 0.32 Kg	Light Source	LED
Light emission direction  Nominal power  Source lumens  796 Im  Imput voltage range  700mA  CCT / Tone  4000 K  Colour rendering index  90 Ra  C.C. / C.V.  Safety class  3  IP  IP44  Optical compartment IP  IP65  Glow wire test  Direct mounting on normally flammable surfaces  CE  Yes  Driver included  No  Dimmable article  Directional  Tilting  Yes  total angle (horizontal plane)  total angle (vertical plane)  Total ength  Total ength  Cable included  Yes  Cable length  No  Type of light emission  Net weight  No  Single emission  Net weight  Odmata  Total Adon  Total and  Total ength  No  Single emission  No  Single emission	Circuit structure	powerLED
Nominal power   8 W DC	Optics	Medium Flood
Source lumens         796 lm           Input voltage range         700mA           CCT / Tone         4000 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         Yes           total angle (horizontal plane)         360 °           total angle (vertical plane)         25 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.17 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.32 Kg	Light emission direction	downward
Input voltage range 700mA  CCT / Tone 4000 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 Yes  total angle (horizontal plane) 25°  Walk-over No  Cable included Yes  Cable length 0.17 m  Resin potting  Type of light emission  Net weight CCC  ACT / Tone 4000 K  CCC  CC  CC  CC  CC  CC  CC  CC  CC	Nominal power	8 W DC
CCT / Tone 4000 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 Direct mounting on normally flammable surfaces Yes Driver included No Dimmable article DALI - 1-10V Directional No Tilting Yes total angle (horizontal plane) 360 ° total angle (vertical plane) 25 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Net weight 53	Source lumens	796 lm
Colour rendering index  C.C. / C.V.  Safety class  3  IP  IP44  Optical compartment IP  IP65  Glow wire test  Direct mounting on normally flammable surfaces  CE  Yes  Driver included  No  Dimmable article  Directional  No  Tilting  Yes  total angle (horizontal plane)  Otal angle (vertical plane)  Drive-over  Cable included  Yes  Cable length  Resin potting  Type of light emission  Net weight  CC  CC  CC  Safety class  3  IP44  IP44  IP65  S50°  Driv4  IP44  IP65  S60°  Pes  S60°  Ves  CE  Yes  Yes  On  No  Drive-included  No  No  Drive-over  No  On  Single emission  No  No  Type of light emission  No  Single emission  No  No  On  Type of light emission  No  No  Single emission  No  No  On  Single emission  No  No  No  On  Type of light emission  No  No  No  Single emission	Input voltage range	700mA
C.C. / C.V.  Safety class  3  IP  IP44  Optical compartment IP  Glow wire test  Direct mounting on normally flammable surfaces  CE  Yes  Driver included  No  Dimmable article  Directional  No  Tilting  Yes  total angle (horizontal plane)  total angle (vertical plane)  Orive-over  No  Cable included  Cable length  Resin potting  Type of light emission  Net weight  CC  IP44  IP65  850°  Yes  Tyes  DALI - 1-10V  DALI - 1-10V  No  DALI - 1-10V  No  Tyes  Tyes  Other included  Yes  Other included  Yes  Tyes  Type of light emission  No  Single emission  No  No  Single emission  No  No  No  Single emission	CCT / Tone	4000 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           Directional enticle         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (horizontal plane)         360 °           total angle (vertical plane)         25 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.17 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.32 Kg	Colour rendering index	90 Ra
IP4 Optical compartment IP IP65 Glow wire test 850° Direct mounting on normally flammable surfaces Yes Driver included No Dimmable article DALI - 1-10V Directional No Tilting Yes total angle (horizontal plane) 360 ° total angle (vertical plane) 25 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Net weight 55°	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 Yes total angle (horizontal plane) 360 ° total angle (vertical plane) 25 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Net weight 50°	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 Yes  total angle (horizontal plane) 360°  total angle (vertical plane) 25°  Walk-over No  Drive-over No  Cable included Yes  Cable length 0.17 m  Resin potting No  Type of light emission  Net weight 0.32 Kg	IP .	IP44
Direct mounting on normally flammable surfaces  CE Yes  Driver included No  Dimmable article DALI - 1-10V  Directional No  Tilting Yes  total angle (horizontal plane) total angle (vertical plane)  Total angle (vertical plane)  Total angle (vertical plane)  Walk-over No  Drive-over No  Cable included Yes  Cable length 0.17 m  Resin potting No  Type of light emission  Net weight  No  No  Single emission  Net weight	Optical compartment IP	IP65
CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (horizontal plane)         360 °           total angle (vertical plane)         25 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.17 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.32 Kg	Glow wire test	850°
Driver included No Dimmable article DALI - 1-10V Directional No Tilting Yes total angle (horizontal plane) 360 ° total angle (vertical plane) 25 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Net weight 0.32 Kg	Direct mounting on normally flammable surfaces	Yes
Dimmable article  Dimmable article  Directional  No  Tilting  Yes  total angle (horizontal plane)  total angle (vertical plane)  Walk-over  No  Drive-over  No  Cable included  Yes  Cable length  Resin potting  No  Type of light emission  Net weight  Directional  No  DALI - 1-10V  No  25°  No  25°  No  No  No  Drive-over  No  Single emission  No  O.32 Kg	CE	Yes
Directional No Tilting Yes  total angle (horizontal plane) 360 °  total angle (vertical plane) 25 °  Walk-over No Drive-over No Cable included Yes Cable length 0.17 m  Resin potting No Type of light emission Single emissic Net weight 0.32 Kg	Driver included	No
Tilting         Yes           total angle (horizontal plane)         360 °           total angle (vertical plane)         25 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.17 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.32 Kg	Dimmable article	DALI - 1-10V
total angle (horizontal plane)  total angle (vertical plane)  25 °  Walk-over  No  Drive-over  Cable included  Yes  Cable length  Resin potting  No  Type of light emission  Net weight  360 °  No  You  17 °  No  18 °	Directional	No
total angle (vertical plane)  Walk-over  No  Drive-over  No  Cable included  Yes  Cable length  Resin potting  No  Type of light emission  Net weight  25 °  No  No  Type of light emission  No  35 of light emission  No  36 of light emission  No  37 of light emission  No  38 of light emission  No  38 of light emission  No  39 of light emission	Tilting	Yes
Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.32 Kg	total angle (horizontal plane)	360 °
Drive-over         No           Cable included         Yes           Cable length         0.17 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.32 Kg	total angle (vertical plane)	25 °
Cable included Yes Cable length 0.17 m  Resin potting No  Type of light emission Single emission  Net weight 0.32 Kg	Walk-over	No
Cable length 0.17 m  Resin potting No  Type of light emission Single emission  Net weight 0.32 Kg	Drive-over	No
Resin potting No Type of light emission Single emissic Net weight 0.32 Kg	Cable included	Yes
Type of light emission  Net weight  Single emission  0.32 Kg	Cable length	0.17 m
Net weight 0.32 Kg	Resin potting	No
· ·	Type of light emission	Single emission
	Net weight	0.32 Kg
Electrostatic discharge protection No	Electrostatic discharge protection	No
Surge protection No	Surge protection	No
Optics technology F.O.L.	Optics technology	F.O.L.
Product technological characteristics TVS	Product technological characteristics	TVS













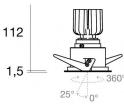








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Finishing casing		
Material	Aluminium 6026	
Colour	White	
Processing	Powder coating	

Finishing diffuser	
Material	UV Resistant Polycarbonate
Colour	transparent

Finishing radiator	
Material	Die-cast Aluminium EN AB - 46100
Colour	Aluminium
Processing	Polishing

### Electronics



99147 On/Off Driver 198~264V AC (1 - 3 art.)



99735

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



99733

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



C-E100012

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



Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

Cables Electrification		
Cable connector	No	



# Downlights | 1 x powerLED 8 W DC 700 mA | CRI 90 | Base **81258N30**

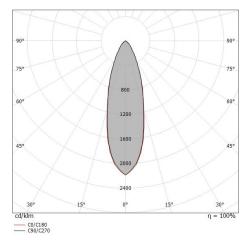
Single emission recessed downlights for indoor application. The natural white LED light source with a medium flood light distribution is composed of 1 powerled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 796 lm, with a 99.5 lm/W nominal luminous efficacy.

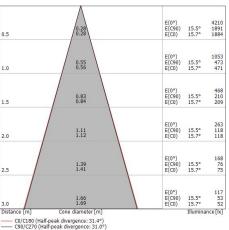
The device body is made of aluminium 6026 and features a white finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.32 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 8 W. The power supply cable is included and features a 0.17 m length.

The device features protection class III and can be ceiling-mounted, with a 70 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 F.

Illuminotechnical Features	
Light Output Ratio (LOR)	60 %
Source lumens	796 lm
Delivered lumens	482 lm
Consumption	8 W
Luminaire efficacy	60 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
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 247450h (at Tj 60 Ta 25)

UGR	
UGR axial	17.4
UGR transversal	17.4
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C0/C180 optics	31°
Light distribution simmetry	Symmetrical

#### COLOR VECTOR GRAPHIC

