



Downlights | 9 x powerLEDs 8 W DC 700 mA | CRI 90  
Dynamic White  
**84090D30**



92

Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLEDs
Optics	Medium Flood
Light emission direction	downward
Nominal power	8 W DC
Input voltage range	700mA
Source lumens 2700K	1005 lm
Minimum color temperature	2700 K
Source lumens 5700K	980 lm
Maximum color temperature	5700 K
CCT / Tone	Dynamic White
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 DT8
Directional	No
Tilting	No
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	0.511 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	F.O.L. - Honey comb

### Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	Black
Processing	Powder coating

### Finishing diffuser

Material	UV Resistant Polycarbonate
Colour	transparent

### Finishing radiator

Material	Die-cast Aluminium EN AB - 46100
Processing	Tumbling

### Electronics

	83159 DALI-2 - DALI DT8 Multi Channel 5ch. 198-264V AC (2 - 3 art.)
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	C-E500003 DMX-RDM - NFC Multi Channel 4ch. 19-50V DC (1 - 6 art.)
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### Cables Electrification

Cable connector	Male Easy plug
IP (locked condition)	66



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Single emission recessed downlights for indoor application. The dynamic white LED light source with a medium flood light distribution is composed of 9 powerleds LEDs with CCT of From 2700 to 5700 K and a CRI 90.

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 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 92 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

Standard Deviation of Colour Matching	3 Step MacAdam
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Colour rendering index	90 Ra
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Standard Operating Ambient Temperature	-20 / +50°C
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Ordinary temperature on the glass	40°C
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#### LED Life / Failure Ratio

L70 B10 C0 60500h