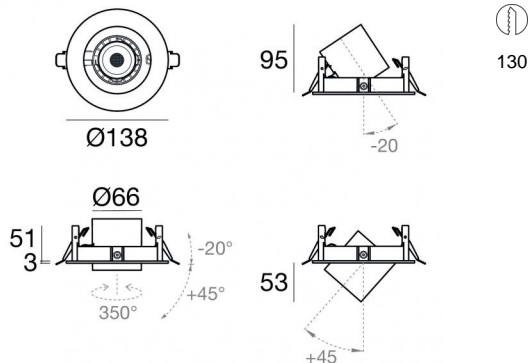




Downlights | 9 x powerLEDs 8 W DC 700 mA | CRI 90
Dynamic White
84160D60



Technical data

Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLEDs
Optics	Wide 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	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI DT8
Directional	Extractable
total angle (vertical plane)	65 °
total angle (horizontal plane)	350 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.35 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.920 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

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

Finishing mounting frame

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

Electronics

	83159 DALI-2 - DALI DT8 Multi Channel 5ch. 198~264V AC (2 - 3 art.)
--	--

	C-E500003 DMX-RDM - NFC Multi Channel 4ch. 19~50V DC (1 - 6 art.)
---	--

Cables Electrification

Cable connector	No
-----------------	----



Downlights | 9 x powerLEDs 8 W DC 700 mA | CRI 90 | Dynamic White
84160D60

Single emission recessed downlights for indoor application. The dynamic white LED light source with a wide 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 mounting frame is made of die-cast aluminium en ab - 46100, with a black finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.920 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 0.35 m length.

The device features protection class III and can be ceiling-mounted, with a 130 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
---------------------------------------	----------------

Colour rendering index	90 Ra
------------------------	-------

Standard Operating Ambient Temperature	-20 / +50°C
--	-------------

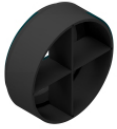
Ordinary temperature on the glass	40°C
-----------------------------------	------

LED Life / Failure Ratio

L70 B10 C0 60500h



	<p>Optics Light distribution: spot,Cover material: uv resistant polycarbonate</p>	<p>Code <u>99827</u></p>
	<p>Optics Light distribution: medium flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate</p>	<p>Code <u>99828</u></p>
	<p>Optics Light distribution: flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate</p>	<p>Code <u>99829</u></p>
	<p>Optics - Focal kit (min 16° max 50°) Light distribution: adjustable,Cover material: ,aluminium</p>	<p>Code <u>99844</u></p>
	<p>Anti-glare Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black.</p>	<p>Code <u>99780</u></p>
	<p>Diffuser Diffuser Type: elliptical filter. Material:Pom-C, colour:Black.</p>	<p>Code <u>99781</u></p>
	<p>Anti-glare Anti-glare Type: 45° cylindrical screen. Material:Pom-C, colour:Black.</p>	<p>Code <u>99782</u></p>
	<p>Anti-glare Anti-glare Type: cylindrical screen. Material:Pom-C, colour:Black.</p>	<p>Code <u>99783</u></p>



Anti-glare
Anti-glare Type: cross louvres.
Material:Pom-C, colour:Black.

Code
99779



Carter
installation position: ceiling L=115mm, H=99.6mm, D=120mm.
Material:PC, colour:black.

Finish
Black **Code**
99510