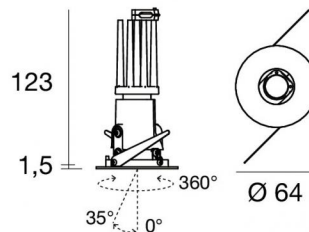




Downlights | 1 arrayLED 6 W DC 700 mA | CRI 90  
**C00934BBMFL**



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Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Flood
Light emission direction	downward
Nominal power	6 W DC
Source lumens	715 lm
Input voltage range	700mA
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	Yes
total angle (horizontal plane)	360 °
total angle (vertical plane)	35 °
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	0.128 Kg
Electrostatic discharge protection	No
Surge protection	No

### Finishing casing

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

### Finishing flange

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

### Finishing radiator

Material	Die-cast Aluminium EN AB - 46100
Processing	Tumbling

### Electronics

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**99147**  
 On/Off Driver 198~264V AC (1 - 4 art.)

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**99735**  
 Multi Power 198~264V AC / 180~275V DC (1 art.)

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**99733**  
 1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)

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**C-E100012**  
 Push and Simply Dim - DALI-2 Controller (1 art.)

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**C-E100016**  
 Push and Simply Dim - DALI-2 Controller (1 - 4 art.)

### Cables Electrification

Cable connector	No
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## Downlights | 1 arrayLED 6 W DC 700 mA | CRI 90 | Base C00934BBMFL

Single emission recessed downlights for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 715 lm, with a 119.2 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 ingress protection degree is IP44; the total weight is of 0.128 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6 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 56 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)	42 %
Source lumens	715 lm
Delivered lumens	302 lm
Consumption	6 W
Luminaire efficacy	50 lm/W
Colour temperature	2700 K
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

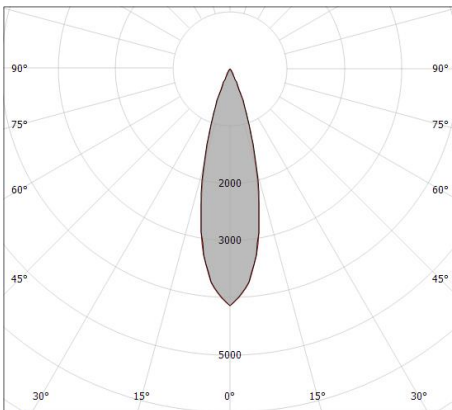
L70 B10 C0 134020h (at Tj 65 Ta 25 )

### UGR

UGR axial	10
UGR transversal	8.1
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	27°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.24 0.24	E(0°) 4988 E(C90) 2314 E(C0) 2316
1.0	0.48 0.48	E(0°) 1247 E(C90) 578 E(C0) 579
1.5	0.72 0.72	E(0°) 554 E(C90) 257 E(C0) 257
2.0	0.97 0.96	E(0°) 312 E(C90) 145 E(C0) 145
2.5	1.21 1.20	E(0°) 200 E(C90) 93 E(C0) 93
3.0	1.45 1.44	E(0°) 139 E(C90) 64 E(C0) 64

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 27.0°)  
— C90/C270 (Half-peak divergence: 27.2°)