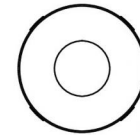
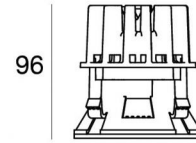


# Epitax EVO



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90  
**C00375BBNSP**



Ø92

## Technical data

Type	Encasement without flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	downward
Nominal power	9 W DC
Source lumens	1196 lm
Input voltage range	700mA
CCT / Tone	4000 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP40
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	0.2 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.3 Kg
Electrostatic discharge protection	No
Surge protection	No

## Finishing casing

Material	Technopolymer
Colour	Black
Processing	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 - 2 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.)
	C-E100016 Push and Simply Dim - DALI-2 Controller (1 - 2 art.)



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90 | Base C00375BBNSP

Single emission recessed downlights for indoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1196 lm, with a 132.9 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a black finish, processed by means of coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP40; the total weight is of 0.3 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 9 W. The power supply cable is included and features a 0.2 m length.

The device features protection class III and can be ceiling-mounted with an outer casing, code C-C100007(for concrete or masonry).

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)	70 %
Source lumens	1196 lm
Delivered lumens	847 lm
Consumption	9 W
Luminaire efficacy	94 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +50°C

### LED Life / Failure Ratio

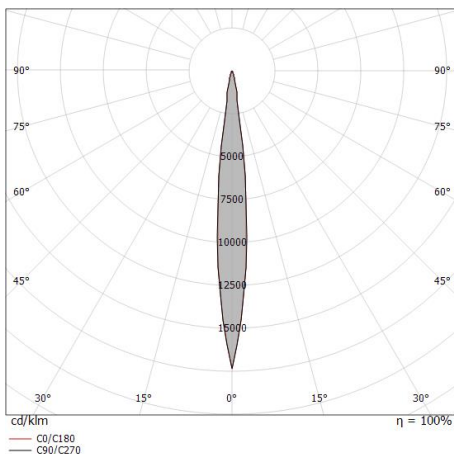
L70 B10 C0 112960h (at Tj 65 Ta 25 )

### UGR

UGR axial	7.5
UGR transversal	7.5
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	11°
Light distribution symmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.30 0.09	E(0°) 58856 E(C90) 5.5° 29610 E(C0) 5.4° 29221
1.0	0.19 0.19	E(0°) 14714 E(C90) 5.5° 7403 E(C0) 5.4° 7305
1.5	0.29 0.28	E(0°) 6540 E(C90) 5.5° 3290 E(C0) 5.4° 3247
2.0	0.39 0.38	E(0°) 3679 E(C90) 5.5° 1851 E(C0) 5.4° 1826
2.5	0.48 0.47	E(0°) 2354 E(C90) 5.5° 1184 E(C0) 5.4° 1169
3.0	0.58 0.57	E(0°) 1635 E(C90) 5.5° 823 E(C0) 5.4° 812

— C0/C180 (Half-peak divergence: 10.8°)  
— C90/C270 (Half-peak divergence: 11.0°)



	<p>Anti-glare          Anti-glare Type: honeycomb louvre.          Material:Pom-C, colour:Black.</p>	<p><b>Code</b>  <u>83379</u></p>
	<p>Diffuser          Diffuser Type: elliptical filter</p>	<p><b>Code</b>  <u>83380</u></p>
	<p>Diffuser          Diffuser Type: aesthetic filter</p>	<p><b>Code</b>  <u>83381</u></p>
	<p>Outer casing          installation position: ceiling; type of installation: drywall L=147mm, H=22mm, D=147mm.          Material:PC, colour:white.</p>	<p><b>Finish</b>          White  <b>Code</b>          C-C100007</p>
	<p>Epitax_R EVO white front kit</p>	<p><b>Code</b>  <u>C-K400124</u></p>
	<p>Epitax_R EVO black front kit</p>	<p><b>Code</b>  <u>C-K400125</u></p>
	<p>Epitax_R EVO gold front kit</p>	<p><b>Code</b>  <u>C-K400126</u></p>
	<p>Epitax_R EVO copper front kit</p>	<p><b>Code</b>  <u>C-K400127</u></p>