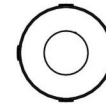
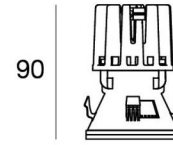


Epitax EVO



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90
C00144BBMSP



Ø63

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	1059 lm
Input voltage range	700mA
CCT / Tone	2700 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
	99735 Multi Power 198-264V AC / 180-275V DC
	99733 1-10V Multi Power 198-264V AC / 180-275V DC
	C-E100012 Push and Simply Dim - DALI-2 Controller
	C-E100016 Push and Simply Dim - DALI-2 Controller



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90 | Base C00144BBMSP

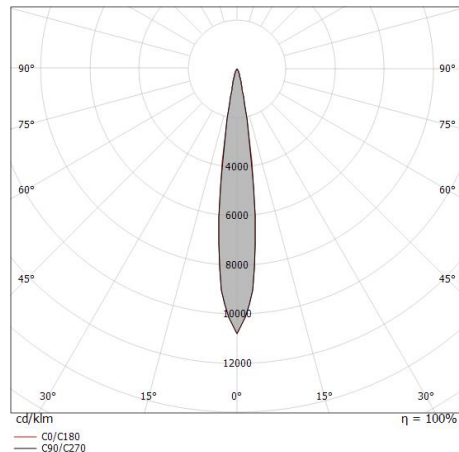
Single emission recessed downlights for indoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayLEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1059 lm, with a 117.7 lm/W nominal luminous efficacy.

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-C100004(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.



Distance [m]	Cone diameter [m]	illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.13 0.13	27905	7.5° 13664	7.6° 13597	
1.0	0.26 0.27	6976	7.5° 3416	7.6° 3399	
1.5	0.39 0.40	3101	7.5° 1518	7.6° 1511	
2.0	0.53 0.53	1744	7.5° 854	7.6° 850	
2.5	0.66 0.67	1116	7.5° 547	7.6° 544	
3.0	0.79 0.80	775	7.5° 380	7.6° 378	

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 15.2°)
— C90/C270 (Half-peak divergence: 15.0°)

Energy efficiency class

This product contains a light source of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	61 %
Source lumens	1059 lm
Delivered lumens	647 lm
Consumption	9 W
Luminaire efficacy	71 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 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 112960h (at Tj 65 Ta 25)

UGR

UGR axial	11
UGR transversal	11
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	15°
Light distribution simmetry	Symmetrical



	<p>Optics Light distribution: medium wide flood,Cover material: uv resistant polycarbonate</p>	<p>Code <u>83372</u></p>
	<p>Optics Light distribution: medium flood,Cover material: uv resistant polycarbonate</p>	<p>Code <u>83371</u></p>
	<p>Optics Light distribution: spot,Cover material: uv resistant polycarbonate</p>	<p>Code <u>83370</u></p>
	<p>Anti-glare Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black.</p>	<p>Code <u>83367</u></p>
	<p>Diffuser Diffuser Type: elliptical filter</p>	<p>Code <u>83368</u></p>
	<p>Diffuser Diffuser Type: aesthetic filter</p>	<p>Code <u>83369</u></p>
	<p>Outer casing installation position: ceiling; type of installation: drywall L=118mm, H=22mm, D=118mm. Material:PC, colour:white.</p>	<p>Finish White Code C-C100004</p>
	<p>Epitax_R EVO white front kit</p>	<p>Code <u>C-K400116</u></p>



Epitax_R EVO black front kit

Code

C-K400117



Code

C-K400118



Code

C-K400119