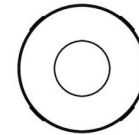
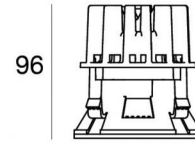


# Epitax EVO



Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90  
C00372AUNFL



Ø92

## Technical data

Type	Encasement without flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Flood
Light emission direction	downward
Nominal power	14 W DC
Source lumens	2411 lm
Input voltage range	400mA
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
Optics technology	Honey comb

## Finishing casing

Material	Technopolymer
Colour	gold
Processing	Coating


## Finishing diffuser


Material	UV Resistant Polycarbonate
Colour	transparent

## Finishing radiator

Material	Die-cast Aluminium EN AB - 46100
Colour	Aluminium
Processing	Polishing

## Electronics

 99734  
Multi Power 198~264V AC / 180~275V DC (1 art.)

 99732  
1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)

 83322  
Push and Simply Dim - DALI-2 Controller (1 art.)



Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90 | Base C00372AUNFL

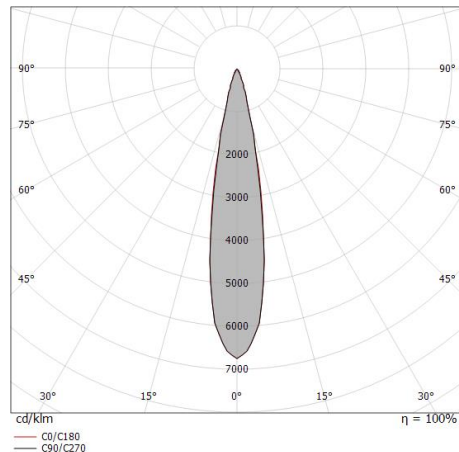
Single emission recessed downlights for indoor application. The natural white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2411 lm, with a 172.2 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a gold 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 14 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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.17 0.18	E(0°) 33541 E(C90) 9.9° 16213 E(C0) 10.1° 16135
1.0	0.35 0.36	E(0°) 8385 E(C90) 9.9° 4053 E(C0) 10.1° 4034
1.5	0.52 0.53	E(0°) 3727 E(C90) 9.9° 1801 E(C0) 10.1° 1793
2.0	0.70 0.71	E(0°) 2096 E(C90) 9.9° 1013 E(C0) 10.1° 1008
2.5	0.87 0.89	E(0°) 1342 E(C90) 9.9° 649 E(C0) 10.1° 645
3.0	1.05 1.07	E(0°) 932 E(C90) 9.9° 450 E(C0) 10.1° 448

— C0/C180 (Half-peak divergence: 20.2°)  
— C90/C270 (Half-peak divergence: 19.8°)

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	51 %
Source lumens	2411 lm
Delivered lumens	1242 lm
Consumption	14 W
Luminaire efficacy	88 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C

### LED Life / Failure Ratio

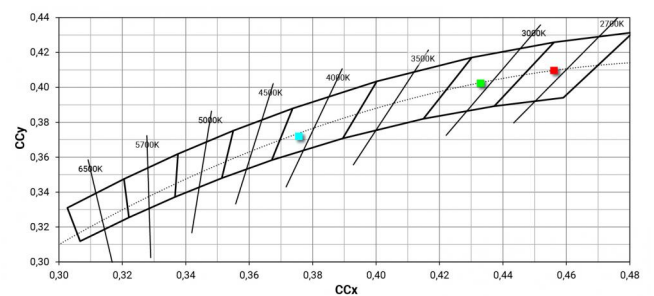
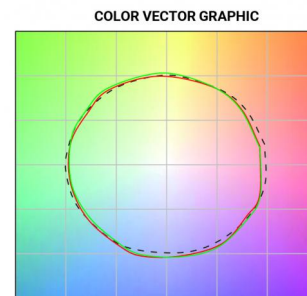
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

UGR axial	5.8
UGR transversal	5.8
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	20°
Light distribution simmetry	Symmetrical





	Epitax_R EVO copper front kit	<b>Code</b> C-K400127
	Epitax_R EVO gold front kit	<b>Code</b> C-K400126
	Epitax_R EVO black front kit	<b>Code</b> C-K400125
	Epitax_R EVO white front kit	<b>Code</b> C-K400124
	<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>Anti-glare                      Anti-glare Type: honeycomb louvre.                      Material:Pom-C, colour:Black.</p>	<b>Code</b> 83379
	<p>Diffuser                      Diffuser Type: elliptical filter</p>	<b>Code</b> 83380
	<p>Diffuser                      Diffuser Type: aesthetic filter</p>	<b>Code</b> 83381



Optics - Steel AISI 304L  
Light distribution: flood,Cover material: uv resistant polycarbonate

**Code**  
83382



Optics  
Light distribution: medium flood,Cover material: uv resistant polycarbonate

**Code**  
83383



Optics  
Light distribution: wide flood,Cover material: uv resistant polycarbonate

**Code**  
83384