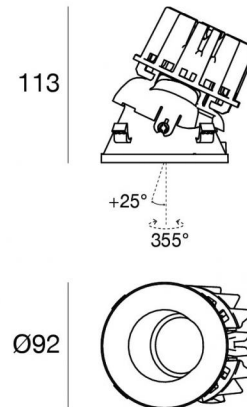


Epitax_RJ EVO



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90
C00377AUNSP



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	Yes
total angle (horizontal plane)	355 °
total angle (vertical plane)	25 °
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	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

	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 C00377AUNSP

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 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 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)	73 %
Source lumens	1196 lm
Delivered lumens	874 lm
Consumption	9 W
Luminaire efficacy	97 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

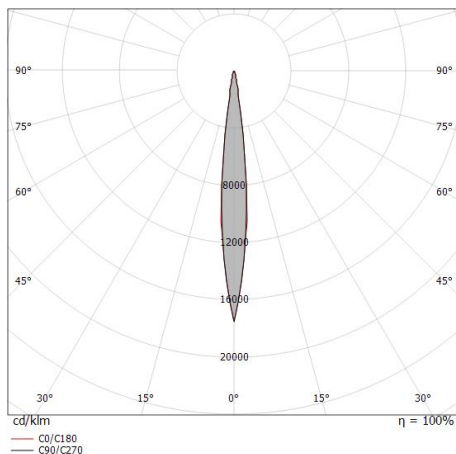
L70 B10 C0 112960h (at Tj 65 Ta 25)

UGR

UGR axial	6.7
UGR transversal	6.7
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	0.10	E(0°) 61322 E(C90) 5.6° 30385 E(C0) 5.7° 30466
1.0	0.20	E(0°) 15331 E(C90) 5.6° 7596 E(C0) 5.7° 7616
1.5	0.29	E(0°) 6814 E(C90) 5.6° 3376 E(C0) 5.7° 3385
2.0	0.39	E(0°) 3833 E(C90) 5.6° 1899 E(C0) 5.7° 1904
2.5	0.49	E(0°) 2453 E(C90) 5.6° 1215 E(C0) 5.7° 1219
3.0	0.59	E(0°) 1703 E(C90) 5.6° 844 E(C0) 5.7° 846

— C0/C180 (Half-peak divergence: 11.4°)
— C90/C270 (Half-peak divergence: 11.2°)



	<p>Diffuser Diffuser Type: aesthetic filter</p>	<p>Code <u>83381</u></p>
	<p>Diffuser Diffuser Type: elliptical filter</p>	<p>Code <u>83380</u></p>
	<p>Anti-glare Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black.</p>	<p>Code <u>83379</u></p>
	<p>Outer casing installation position: ceiling; type of installation: drywall L=147mm, H=22mm, D=147mm. Material:PC, colour:white.</p>	<p>Finish White Code C-C100007</p>
	<p>Epitax_RJ EVO white front kit</p>	<p>Code <u>C-K400128</u></p>
	<p>Epitax_RJ EVO black front kit</p>	<p>Code <u>C-K400129</u></p>
	<p>Epitax_RJ EVO gold front kit</p>	<p>Code <u>C-K400130</u></p>
	<p>Epitax_RJ EVO copper front kit</p>	<p>Code <u>C-K400131</u></p>