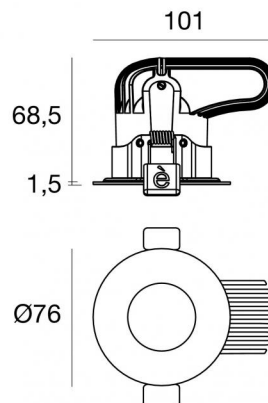


Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90
91749M30



68

Datos técnicos

Posición de instalación	Techo
Ambiente de instalación	Interiores
Fuente de luz	LED
Circuit structure	arrayLED
Óptica	Flood
Light emission direction	downward
Potencia nominal	12.5 W DC
Flujo luminoso (fuente)	1644 lm
Rango de voltaje de entrada	350mA
CCT / Tone	2700 K
Índice de rendimientos cromático	90 Ra
C.C. / C.V.	CC
Clase de aislamiento	3
IP	IP44
IP vano óptico	IP65
IK	IK08
Test del hilo incandescente	850°
Montaje directo sobre superficies normalmente inflamables	Sí
CE	Sí
Driver incluido.	No
Artículo regulable	DALI - 1-10V
Orientabilidad	No
Basculación	No
Practicabilidad	No
Transitabilidad	No
Cable incluido.	Sí
Largo del cable	0.300 m
Resinado	No
Tipología de emisión luminosa	Una emisión
Peso neto	0.26 Kg
Protección descargas electrostáticas	No
Protección contra sobretensiones	No

Acabado cuerpo

Material	Aluminio fundido EN AB - 46100
Color	Blanco
Elaboración	Recubrimiento en polvo

Acabado difusor

Material	Policarbonato resistente a los rayos UV
Color	transparente

Acabado radiador

Material	Aluminio fundido EN AB - 46100
Color	aluminio
Elaboración	Pulido

Electrónica



99115
1-10V - N/O button Multi Power 198-264V AC /
180-275V DC (1 art.)



99375
On/Off Driver 198-264V AC (1 art.)



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

Cables Electrificación

Cable connector	MALE JST SMR-02V-B
Cable connector	FEMALE JST SMR-02V-BC



Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90 91749M30

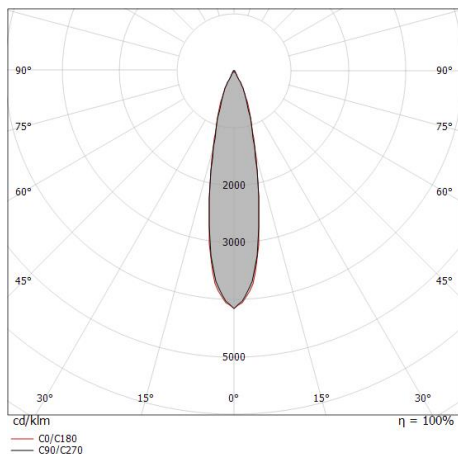
Single emission recessed downlights for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayLEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1644 lm, with a 131.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.26 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12.5 W. The power supply cable is included and features a 0.300 m length.

The device features protection class III and can be ceiling-mounted, with a 68 mm diameter hole (in plasterboard).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.21 0.21	E(0°) 23433 E(C90) 11139 E(C0) 11099
1.0	0.41 0.41	E(0°) 5858 E(C90) 2785 E(C0) 2775
1.5	0.62 0.62	E(0°) 2604 E(C90) 1238 E(C0) 1233
2.0	0.82 0.83	E(0°) 1465 E(C90) 696 E(C0) 694
2.5	1.03 1.04	E(0°) 937 E(C90) 446 E(C0) 444
3.0	1.23 1.24	E(0°) 651 E(C90) 309 E(C0) 308

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

— C0/C180 (Half-peak divergence: 23.4°)
— C90/C270 (Half-peak divergence: 23.2°)

Clase de eficiencia energética

Este producto contiene una fuente de luz de clase de eficiencia energética E.

Características Luminotécnicas

Light Output Ratio (LOR)	85 %
Flujo luminoso (fuente)	1644 lm
Flujo luminoso de luminaria	1412 lm
Consumption	13 W
Rendimiento luminoso de las luminarias	108 lm/W
Temperatura de color	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Índice de rendimientos cromático	90 Ra

Temperatura estándar del ambiente de servicio -20 / +50°C

Temperatura típica sobre el vidrio 40°C

LED Life / Failure Ratio

L70 B10 C0 296960h (at Tj 65 Ta 25)

UGR

UGR transversal	16.9
UGR axial	16.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Óptica C0/C180	23°
Light distribution simmetry	Symmetrical

Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90

91749M30

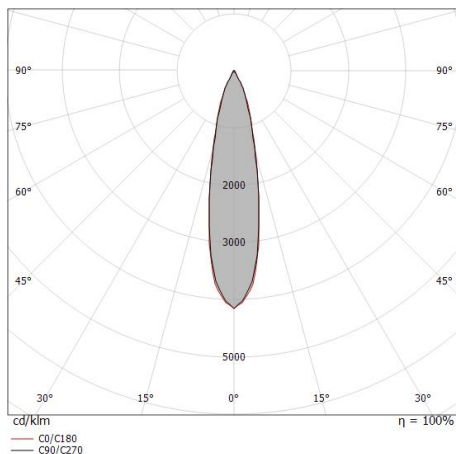
Single emission recessed downlights for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayLEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1644 lm, with a 131.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.26 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12.5 W. The power supply cable is included and features a 0.300 m length.

The device features protection class III and can be ceiling-mounted, with a 68 mm diameter hole (in plasterboard).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.21 0.21	E(0°) 15630 E(C90) 11.6° 7430 E(C0) 11.7° 7403
1.0	0.41 0.41	E(0°) 3907 E(C90) 11.6° 1857 E(C0) 11.7° 1851
1.5	0.62 0.62	E(0°) 1737 E(C90) 11.6° 826 E(C0) 11.7° 823
2.0	0.82 0.83	E(0°) 977 E(C90) 11.6° 464 E(C0) 11.7° 463
2.5	1.03 1.04	E(0°) 625 E(C90) 11.6° 297 E(C0) 11.7° 296
3.0	1.23 1.24	E(0°) 434 E(C90) 11.6° 206 E(C0) 11.7° 206

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

— C0/C180 (Half-peak divergence: 23.4°)
— C90/C270 (Half-peak divergence: 23.2°)

Clase de eficiencia energética

Este producto contiene una fuente de luz de clase de eficiencia energética E.

Características Luminotécnicas

Light Output Ratio (LOR)	57 %
Flujo luminoso (fuente)	1644 lm
Flujo luminoso de luminaria	942 lm
Consumption	8 W
Rendimiento luminoso de las luminarias	117 lm/W
Temperatura de color	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Índice de rendimientos cromático	90 Ra

Temperatura estándar del ambiente de servicio	-20 / +50°C
Temperatura típica sobre el vidrio	40°C

LED Life / Failure Ratio

L70 B10 C0 296960h (at Tj 65 Ta 25)

UGR

UGR transversal	15.5
UGR axial	15.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Óptica C0/C180	23°
Light distribution simmetry	Symmetrical