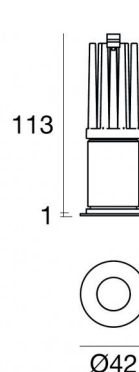




Downlights | 1 arrayLED 6.3 W DC 700 mA | CRI 90
C00049WHWSP



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Datos técnicos	
Año de realización	2023
Posición de instalación	Techo
Ambiente de instalación	Interiores
Fuente de luz	LED
Circuit structure	arrayLED
Óptica	Spot
Light emission direction	downward
Potencia nominal	6.3 W DC
Flujo luminoso (fuente)	748 lm
Rango de voltaje de entrada	700mA
CCT / Tone	3000 K
Índice de rendimientos cromático	90 Ra
C.C. / C.V.	CC
Clase de aislamiento	3
IP	IP44
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	0.1 m
Resinado	No
Tipología de emisión luminosa	Una emisión
Peso neto	0.11 Kg
Protección descargas electrostáticas	No
Protección contra sobretensiones	No
Tecnología óptica	Honey comb

Acabado cuerpo

Material	Aluminio 6026
Color	Blanco
Elaboración	Recubrimiento en polvo

Acabado difusor

Material	Policarbonato resistente a los rayos UV
Color	transparente

Acabado radiador

Material	Aluminio fundido
Color	aluminio
Elaboración	Pulido

Electrónica

	99147 On/Off Driver 198~264V AC (3 - 3 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.)
	83323 Push and Simply Dim - DALI-2 Controller (1 art.)
	C-E100016 Push and Simply Dim - DALI-2 Controller (2 - 4 art.)

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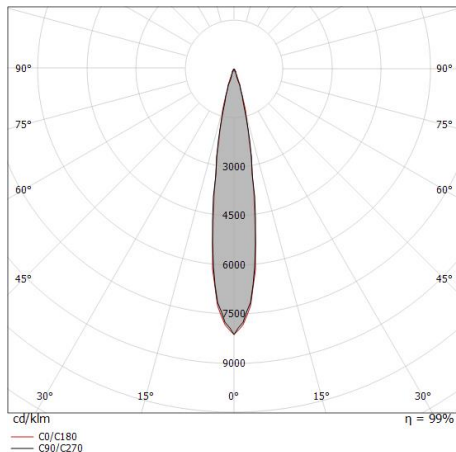
Single emission recessed downlights for indoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 748 lm, with a 118.7 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 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 0.11 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6.3 W. The power supply cable is included and features a 0.1 m length.

The device features protection class III and can be ceiling-mounted, with a 35 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	0.15 0.15	E(0°) 11199 E(C90) 8.8° 5469 E(C0) 8.7° 5498
1.0	0.31 0.31	E(0°) 2800 E(C90) 8.8° 1367 E(C0) 8.7° 1375
1.5	0.46 0.46	E(0°) 1244 E(C90) 8.8° 608 E(C0) 8.7° 611
2.0	0.62 0.61	E(0°) 700 E(C90) 8.8° 342 E(C0) 8.7° 344
2.5	0.77 0.77	E(0°) 448 E(C90) 8.8° 219 E(C0) 8.7° 220
3.0	0.93 0.92	E(0°) 311 E(C90) 8.8° 152 E(C0) 8.7° 153

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

— C0/C180 (Half-peak divergence: 17.4°)
— C90/C270 (Half-peak divergence: 17.6°)

Clase de eficiencia energética

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

Características Luminotécnicas

Light Output Ratio (LOR)	46 %
Flujo luminoso (fuente)	748 lm
Flujo luminoso de luminaria	345 lm
Consumption	6.5 W
Rendimiento luminoso de las luminarias	53 lm/W
Temperatura de color	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Índice de rendimientos cromático	90 Ra

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

LED Life / Failure Ratio

L70 B10 C0 134020h (at Tj 65 Ta 25)

UGR

UGR axial	9.9
UGR transversal	9.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Óptica C0/C180	17°
Light distribution simmetry	Symmetrical