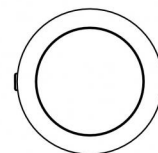
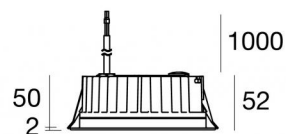




Downlights | 1 arrayLED 13 W DC 24 V | CRI 80
81239W30



Ø138

| Datos técnicos | |
|---|--------------------------|
| Posición de instalación | Techo |
| Ambiente de instalación | Exteriores |
| Fuente de luz | LED |
| Circuit structure | arrayLED |
| Óptica | Flood |
| Light emission direction | downward |
| Potencia nominal | 13 W DC |
| Flujo luminoso (fuente) | 1959 lm |
| Rango de voltaje de entrada | 24 V |
| CCT / Tone | 3000 K |
| Índice de rendimientos cromático | 80 Ra |
| C.C. / C.V. | CV |
| Clase de aislamiento | 3 |
| IP | IP67 |
| IK | IK10 |
| Test del hilo incandescente | 850° |
| Montaje directo sobre superficies normalmente inflamables | Sí |
| CE | Sí |
| Driver incluido. | No |
| C.V. - C.C. Converter | Convertidor 24V incluido |
| Artículo regulable | DALI - 1-10V |
| Orientabilidad | No |
| Basculación | No |
| Practicabilidad | No |
| Transitabilidad | No |
| Cable incluido. | Sí |
| Largo del cable | 1 m |
| Resinado | Sí |
| Tipología de emisión luminosa | Una emisión |
| Peso neto | 0.9 Kg |
| Protección descargas electrostáticas | No |
| Protección contra sobretensiones | No |
| Tecnología óptica | Honey comb |
| Características tecnológicas del producto | Acquastop |

Acabado cuerpo

| | |
|-------------|---|
| Material | Aluminio fundido EN AB - 46100 |
| Color | negro |
| Elaboración | Anodizado de poro abierto + pintado con polvo |

Acabado difusor

| | |
|-------------|-------------------------------|
| Material | Vidrio extra claro - templado |
| Color | transparente |
| Elaboración | Serigrafía |

Acabado brida

| | |
|-------------|-----------------|
| Material | Acero AISI 316L |
| Color | acero |
| Elaboración | Cepillado |

Electrónica

89488
On/Off Driver 190~250V AC / 180~275V DC 15 W (1 art.)



89179
On/Off Driver 198~264V AC 24 W (1 art.)



89359
On/Off Driver 198~264V AC / 180~275V DC 48 W (1 - 3 art.)



99331
On/Off Driver 198~264V AC / 176~275V DC 150 W (1 art.)



99660
DALI - 1-10V Controller 24V DC 216 W (1 art.)



C-E500023
DALI - 1-10V - Push and Simply Dim Controller 8~53V DC 576 W (1 art.)



Downlights | 1 arrayLED 13 W DC 24 V | CRI 80 81239W30

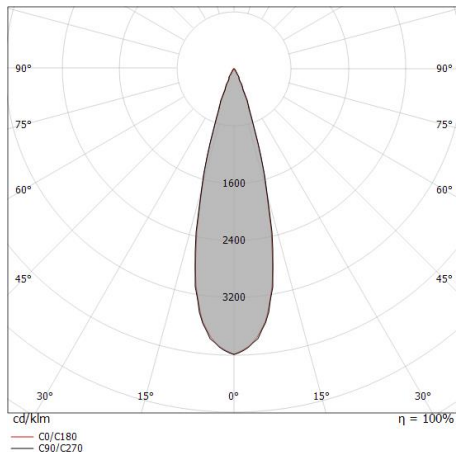
Single emission recessed downlights for outdoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1959 lm, with a 150.7 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 0.9 kg.

The total absorbed power is 13 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be ceiling-mounted, with a 127 mm diameter hole (in plasterboard) with an outer casing, code 99749(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.25 0.25 | E(0°) 15682 E(C90) 14.2° 7221 E(C0) 14.0° 7255 |
| 1.0 | 0.51 0.50 | E(0°) 3920 E(C90) 14.2° 1805 E(C0) 14.0° 1814 |
| 1.5 | 0.76 0.75 | E(0°) 1742 E(C90) 14.2° 802 E(C0) 14.0° 806 |
| 2.0 | 1.01 1.00 | E(0°) 980 E(C90) 14.2° 451 E(C0) 14.0° 453 |
| 2.5 | 1.27 1.25 | E(0°) 627 E(C90) 14.2° 289 E(C0) 14.0° 290 |
| 3.0 | 1.52 1.50 | E(0°) 436 E(C90) 14.2° 201 E(C0) 14.0° 202 |

— C0/C180 (Half-peak divergence: 28.0°)
— C90/C270 (Half-peak divergence: 28.4°)

Clase de eficiencia energética

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

Características Luminotécnicas

| | |
|---|----------------|
| Light Output Ratio (LOR) | 56 % |
| Flujo luminoso (fuente) | 1959 lm |
| Flujo luminoso de luminaria | 1115 lm |
| Consumption | 13 W |
| Rendimiento luminoso de las luminarias | 85 lm/W |
| Temperatura de color | 3000 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Índice de rendimientos cromático | 80 Ra |
| Temperatura estándar del ambiente de servicio | -20 / +50°C |
| Temperatura típica sobre el vidrio | 40°C |

LED Life / Failure Ratio

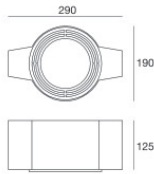
L70 B10 C0 296960h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR transversal | 8.1 |
| UGR axial | 8.2 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Óptica C0/C180 | 28° |
| Light distribution simmetry | Symmetrical |



Caja de empotrar - (completar con grill universal 99750)
posición de instalación: techo; tipo instalación: albañilería L=290mm, H=125mm,
D=190mm

Code
99749



Accesorios para cajas de empotrar - Rejilla universal para Caja exterior 99749

Code
99750