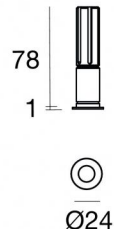




Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90  
**C01038BBMMW**



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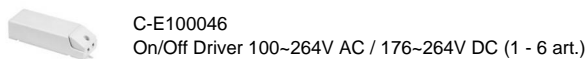
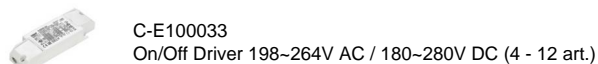
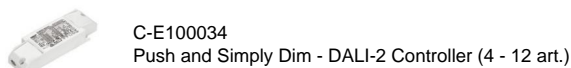
| Datos técnicos  |                   |
|---|-------------------|
| Posición de instalación                                   | Techo             |
| Ambiente de instalación                                   | Interiores        |
| Fuente de luz   | LED               |
| Circuit structure   | powerLED          |
| Óptica  | Medium Wide Flood |
| Light emission direction                                  | downward          |
| Potencia nominal  | 3 W DC            |
| Flujo luminoso (fuente)                                   | 358 lm            |
| Rango de voltaje de entrada                               | 1000mA            |
| 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              |
| 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   | 0.170 m           |
| Resinado  | No                |
| Tipología de emisión luminosa                             | Una emisión       |
| Peso neto   | 0.047 Kg          |
| Protección descargas electrostáticas                      | No                |
| Protección contra sobretensiones                          | No                |
| Tecnología óptica   | F.O.L.            |
| Características tecnológicas del producto                 | TVS               |

| Acabado cuerpo |                        |
|----------------|------------------------|
| Material       | Aluminio 6026          |
| Color          | Negro                  |
| Elaboración    | Recubrimiento en polvo |

| Acabado difusor |   |
|-----------------|---|
| Material        | Policarbonato resistente a los rayos UV |
| Color           | transparente                            |

| Acabado radiador |                    |
|------------------|--------------------|
| Material         | Aluminio 6026      |
| Color            | Aluminio Anodizado |
| Elaboración      | Anodizado 20 µm    |

#### Electrónica



| Cables Electrificación |    |
|------------------------|----|
| Cable connector        | No |

## Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90 C01038BBMMW

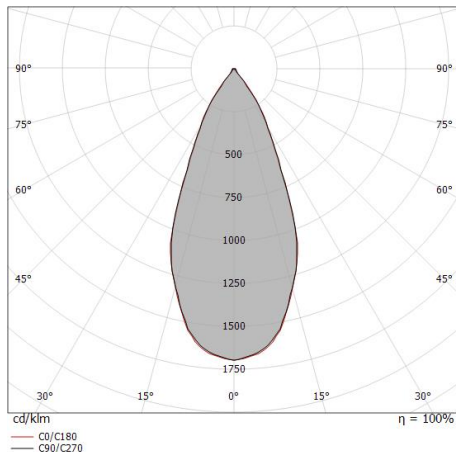
Single emission recessed downlights for indoor application. The super warm white LED light source with a medium wide flood light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 358 lm, with a 119.3 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 and features a black 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 0.047 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 3 W. The power supply cable is included and features a 0.170 m length.

The device features protection class III and can be ceiling-mounted, with a 20 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          | 0.42<br>0.42      | E(0°) 580<br>E(C90) 228<br>E(C0) 229 |
| 1.0          | 0.84<br>0.83      | E(0°) 145<br>E(C90) 57<br>E(C0) 57   |
| 1.5          | 1.25<br>1.25      | E(0°) 64<br>E(C90) 25<br>E(C0) 25    |
| 2.0          | 1.67<br>1.67      | E(0°) 36<br>E(C90) 14<br>E(C0) 14    |
| 2.5          | 2.09<br>2.08      | E(0°) 23<br>E(C90) 9<br>E(C0) 9      |
| 3.0          | 2.51<br>2.50      | E(0°) 16<br>E(C90) 6<br>E(C0) 6      |

— C0/C180 (Half-peak divergence: 45.2°)  
— C90/C270 (Half-peak divergence: 45.4°)

### Clase de eficiencia energética

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

### Características Luminotécnicas

|  |                |
|--|----------------|
| Light Output Ratio (LOR)               | 24 %           |
| Flujo luminoso (fuente)                | 358 lm         |
| Flujo luminoso de luminaria            | 86 lm          |
| Consumption                            | 3 W            |
| Rendimiento luminoso de las luminarias | 28 lm/W        |
| Temperatura de color                   | 2700 K         |
| Standard Deviation of Colour Matching  | 3 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 B20 C0 214455h (at Tj 60 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 22.1     |
| UGR transversal   | 21.7     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Óptica C0/C180              | 45°         |
| Light distribution simmetry | Symmetrical |