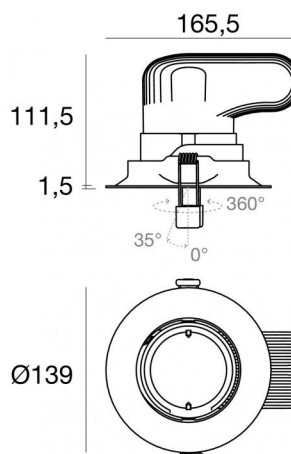


Downlights | 1 arrayLED 25 W DC 700 mA | CRI 90  
80871M60



127

| Datos técnicos  |                   |
|---|-------------------|
| Posición de instalación                                   | Techo             |
| Ambiente de instalación                                   | Interiores        |
| Fuente de luz   | LED               |
| Circuit structure   | arrayLED          |
| Óptica  | Medium Wide Flood |
| Light emission direction                                  | downward          |
| Potencia nominal  | 25 W DC           |
| Flujo luminoso (fuente)                                   | 3967 lm           |
| Rango de voltaje de entrada                               | 700mA             |
| 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   | Sí                |
| ángulo total (plano horizontal)                           | 350 °             |
| ángulo total (plano vertical)                             | 35 °              |
| Practicabilidad   | No                |
| Transitabilidad   | No                |
| Cable incluido.   | Sí                |
| Largo del cable   | 0.300 m           |
| Resinado  | No                |
| Tipología de emisión luminosa                             | Una emisión       |
| Peso neto   | 0.650 Kg          |
| Protección descargas electrostáticas                      | No                |
| Protección contra sobretensiones                          | No                |
| Tecnología óptica   | Honey comb        |

#### 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



99112  
On/Off Driver 198-264V AC (1 art.)



83066  
1-10V - Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100031  
DALI - Push and Simply Dim Multi Power 198-264V AC / 180-275V DC (1 art.)

#### Cables Electrificación

|                       |                |
|-----------------------|----------------|
| Cable connector       | Male Easy plug |
| IP (locked condition) | 66             |

## Downlights | 1 arrayLED 25 W DC 700 mA | CRI 90 80871M60

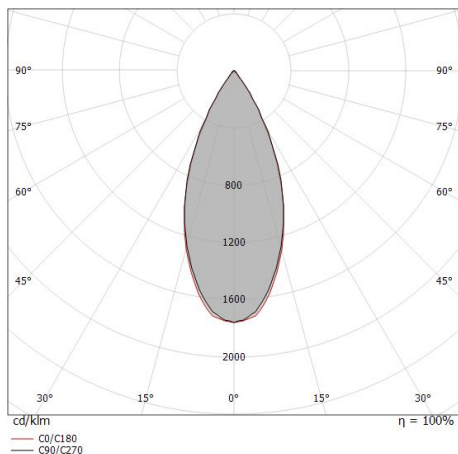
Single emission recessed downlights for indoor application. The super warm white LED light source with a medium wide flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 3967 lm, with a 158.7 lm/W nominal luminous efficacy.

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 0.650 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 25 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 127 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          | 0.41              | E(0°) 9620<br>E(C0) 3825 |
| 1.0          | 0.82              | E(0°) 2405<br>E(C0) 956  |
| 1.5          | 1.22              | E(0°) 1069<br>E(C0) 425  |
| 2.0          | 1.63              | E(0°) 601<br>E(C0) 239   |
| 2.5          | 2.04              | E(0°) 385<br>E(C0) 153   |
| 3.0          | 2.45              | E(0°) 267<br>E(C0) 106   |

Distance [m] Cone diameter [m] Illuminance [lx]  
— C0/C180 (Half-peak divergence: 44.4°)

### Clase de eficiencia energética

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

### Características Luminotécnicas

|  |                |
|--|----------------|
| Light Output Ratio (LOR)               | 34 %           |
| Flujo luminoso (fuente)                | 3967 lm        |
| Flujo luminoso de luminaria            | 1366 lm        |
| Consumption                            | 18 W           |
| Rendimiento luminoso de las luminarias | 75 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 252000h (at Tj 65 Ta 25 )

### UGR

UGR transversal 14.6

UGR axial 15

X=4H | Y=8H S=0.25H

Reflection factor 70/50/20

### OPTICAL

Óptica C0/C180 44°

Light distribution simmetry Symmetrical

Downlights | 1 arrayLED 25 W DC 700 mA | CRI 90

## 80871M60

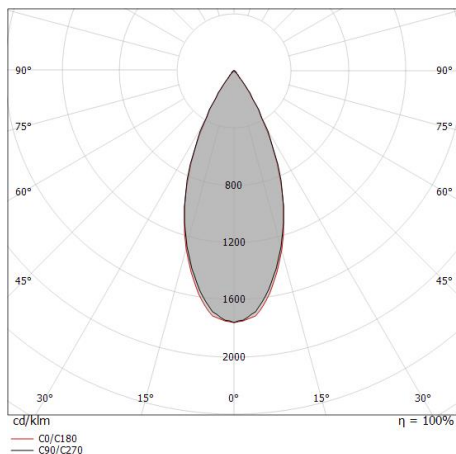
Single emission recessed downlights for indoor application. The super warm white LED light source with a medium wide flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 3967 lm, with a 158.7 lm/W nominal luminous efficacy.

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 0.650 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 25 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 127 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          | 0.41              | E(0°) 12878<br>E(C0) 5120 |
| 1.0          | 0.82              | E(0°) 3220<br>E(C0) 1280  |
| 1.5          | 1.22              | E(0°) 1431<br>E(C0) 569   |
| 2.0          | 1.63              | E(0°) 805<br>E(C0) 320    |
| 2.5          | 2.04              | E(0°) 515<br>E(C0) 205    |
| 3.0          | 2.45              | E(0°) 358<br>E(C0) 142    |

Distance [m] Cone diameter [m] Illuminance [lx]  
— C0/C180 (Half-peak divergence: 44.4°)

### Clase de eficiencia energética

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

### Características Luminotécnicas

|  |                |
|--|----------------|
| Light Output Ratio (LOR)               | 46 %           |
| Flujo luminoso (fuente)                | 3967 lm        |
| Flujo luminoso de luminaria            | 1829 lm        |
| Consumption                            | 25 W           |
| Rendimiento luminoso de las luminarias | 73 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 252000h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR transversal   | 15.6     |
| UGR axial         | 16.1     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Óptica C0/C180              | 44°         |
| Light distribution simmetry | Symmetrical |