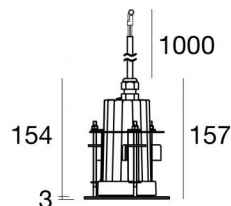




Downlights | 198-264 V  
1 arrayLED 7.2 W DC - 8.5 W AC | CRI 80

**81893N15**



96



| Datos técnicos  |                |
|---|----------------|
| Posición de instalación                                   | Techo          |
| Ambiente de instalación                                   | Exteriores     |
| Fuente de luz   | LED            |
| Circuit structure   | arrayLED       |
| Óptica  | Spot           |
| Light emission direction                                  | downward       |
| Potencia nominal  | 7.2 W DC       |
| Poder total   | 8.5 W          |
| Flujo luminoso (fuente)                                   | 1114 lm        |
| Tensión nominal de entrada                                | 220 - 240 V AC |
| Rango de voltaje de entrada                               | 198 - 264 V AC |
| Frequency   | 50 - 60 Hz     |
| CCT / Tone  | 4000 K         |
| Índice de rendimientos cromático                          | 80 Ra          |
| C.C. / C.V.   | AC             |
| Clase de aislamiento                                      | 1              |
| IP  | IP67           |
| IK  | IK10           |
| Test del hilo incandescente                               | 850°           |
| Montaje directo sobre superficies normalmente inflamables | Sí             |
| CE  | Sí             |
| Driver incluido.  | driver         |
| Artículo regulable  | No             |
| 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   | 1 Kg           |
| Protección descargas electrostáticas                      | Sí             |
| Protección contra sobretensiones                          | 1 KV           |
| 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                  |

### Acabado brida

|             |   |
|-------------|---|
| Material    | Aluminio 6026                                 |
| Color       | Blanco  |
| Elaboración | Anodizado de poro abierto + pintado con polvo |

### Cables Electrification

|                 |    |
|-----------------|----|
| Cable connector | No |
|-----------------|----|

Downlights | 198-264 V | 1 arrayLED 7.2 W DC - 8.5 W AC | CRI 80  
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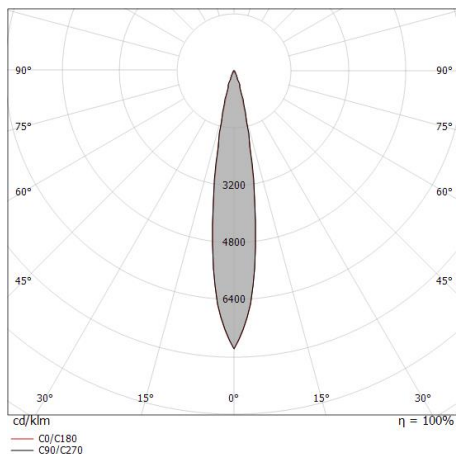
Single emission recessed downlights for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1114 lm, with a 154.7 lm/W nominal luminous efficacy.

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. The ingress protection degree is IP67; the total weight is of 1 kg.

The total absorbed power is 8.5 W. The power supply cable is included and features a 1 m length.

The device features protection class I and can be ceiling-mounted, with a 96 mm diameter hole (in plasterboard) with an outer casing, code 99673(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|------------------|
| 0.5          | 0.15              | 18150            |
| 1.0          | 0.31              | 4537             |
| 1.5          | 0.46              | 2017             |
| 2.0          | 0.61              | 1134             |
| 2.5          | 0.77              | 726              |
| 3.0          | 0.92              | 504              |

| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|------------------|
| 0.5          | 0.15              | 18150            |
| 1.0          | 0.30              | 4537             |
| 1.5          | 0.45              | 2017             |
| 2.0          | 0.60              | 1134             |
| 2.5          | 0.76              | 726              |
| 3.0          | 0.91              | 504              |

— C0/C180 (Half-peak divergence: 17.2°)  
— C90/C270 (Half-peak divergence: 17.4°)

### Clase de eficiencia energética

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

### Características Luminotécnicas

|  |                |
|--|----------------|
| Light Output Ratio (LOR)               | 52 %           |
| Flujo luminoso (fuente)                | 1114 lm        |
| Flujo luminoso de luminaria            | 584 lm         |
| Consumption                            | 8.5 W          |
| Rendimiento luminoso de las luminarias | 68 lm/W        |
| Temperatura de color                   | 4000 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 252000h (at Tj 65 Ta 25 )

### UGR

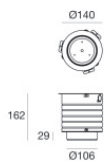
|                   |          |
|-------------------|----------|
| UGR axial         | 11.3     |
| UGR transversal   | 11.1     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Óptica C0/C180              | 17°         |
| Light distribution simmetry | Symmetrical |



Guardian | Downlights | Accessories  
**81893N15**



Caja de empotrar

posición de instalación: techo; tipo instalación: albañilería .

Material:Gris.

**Code**

99673