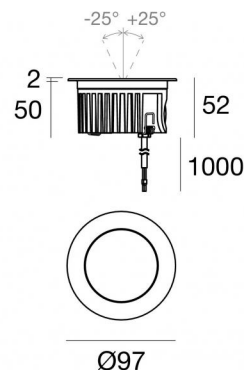


Uplights | 1 arrayLED 8 W DC 220 mA | CRI 80  
81201M15



| Datos técnicos  |                          |
|---|--------------------------|
| Tipo  | Practicable              |
| Posición de instalación                                   | Piso                     |
| Ambiente de instalación                                   | Exteriores               |
| Fuente de luz   | LED                      |
| Circuit structure   | arrayLED                 |
| Óptica  | Spot                     |
| Light emission direction                                  | upward                   |
| Potencia nominal  | 8 W DC                   |
| Flujo luminoso (fuente)                                   | 1080 lm                  |
| Rango de voltaje de entrada                               | 220mA                    |
| CCT / Tone  | 2700 K                   |
| Índice de rendimientos cromático                          | 80 Ra                    |
| C.C. / C.V.   | CC                       |
| Clase de aislamiento                                      | 3                        |
| IP  | IP68                     |
| Restricciones de instalación                              | No para uso bajo el agua |
| IK  | IK10                     |
| 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 vertical)                             | 50 °                     |
| Practicabilidad   | Sí                       |
| Transitabilidad   | No                       |
| Cable incluido.   | Sí                       |
| Largo del cable   | 1 m                      |
| Resinado  | Sí                       |
| Tipología de emisión luminosa                             | Una emisión              |
| Peso neto   | 0.5 Kg                   |
| Protección descargas electrostáticas                      | No                       |
| Protección contra sobretensiones                          | No                       |
| 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



99342  
On/Off Driver 198-264V AC (1 art.)

#### Cables Electrification

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

## Uplights | 1 arrayLED 8 W DC 220 mA | CRI 80 81201M15

Single emission uplights for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1080 lm, with a 135.0 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 IP68; the total weight is of 0.5 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 8 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be floor-mounted with an outer casing, code 99651 (for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx]                                     |
|--------------|-------------------|--|
| 0.5          | 0.13<br>0.13      | E(0°) 26089<br>E(C90) 7.4° 12874<br>E(C0) 7.5° 12715 |
| 1.0          | 0.26<br>0.26      | E(0°) 6522<br>E(C90) 7.4° 3218<br>E(C0) 7.5° 3179    |
| 1.5          | 0.39<br>0.39      | E(0°) 2899<br>E(C90) 7.4° 1430<br>E(C0) 7.5° 1413    |
| 2.0          | 0.52<br>0.53      | E(0°) 1631<br>E(C90) 7.4° 805<br>E(C0) 7.5° 795      |
| 2.5          | 0.65<br>0.66      | E(0°) 1044<br>E(C90) 7.4° 515<br>E(C0) 7.5° 509      |
| 3.0          | 0.78<br>0.79      | E(0°) 725<br>E(C90) 7.4° 358<br>E(C0) 7.5° 353       |

— C0/C180 (Half-peak divergence: 15.0°)  
— C90/C270 (Half-peak divergence: 14.8°)

### Clase de eficiencia energética

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

### Características Luminotécnicas

|   |                |
|---|----------------|
| Light Output Ratio (LOR)                      | 75 %           |
| Flujo luminoso (fuente)                       | 1080 lm        |
| Flujo luminoso de luminaria                   | 819 lm         |
| Consumption                                   | 8 W            |
| Rendimiento luminoso de las luminarias        | 102 lm/W       |
| Temperatura de color                          | 2700 K         |
| Standard Deviation of Colour Matching         | 2 Step MacAdam |
| Índice de rendimientos cromático              | 80 Ra          |
| Black Body Locus                              | On             |
| 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         | 12.7     |
| UGR transversal   | 12.8     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Óptica C0/C180              | 15°         |
| Light distribution simmetry | Symmetrical |

### COLOR VECTOR GRAPHIC





Orma\_IJ | Uplights | Accessories  
**81201M15**



Caja de empotrar

posición de instalación: piso; tipo instalación: albañilería L=114mm, H=76mm, D=114mm.

Material:Plástico ABS, color:negro.

**Code**

99651