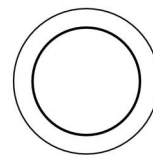
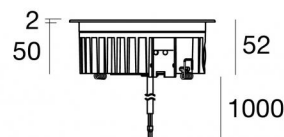


Uplights | 1 arrayLED 13 W DC 24 V | CRI 80  
81180W30



Ø138

| Datos técnicos  |                          |
|---|--------------------------|
| Tipo  | Practicable              |
| Posición de instalación                                   | Piso                     |
| Ambiente de instalación                                   | Exteriores               |
| Fuente de luz   | LED                      |
| Circuit structure   | arrayLED                 |
| Óptica  | Medium Flood             |
| Light emission direction                                  | upward                   |
| Potencia nominal  | 13 W DC                  |
| Flujo luminoso (fuente)                                   | 1724 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  | 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                       |
| C.V. - C.C. Converter                                     | Convertidor 24V incluido |
| Artículo regulable  | No                       |
| Orientabilidad  | No                       |
| Basculación   | No                       |
| Practicabilidad   | Sí                       |
| Transitabilidad   | 2000 Kg                  |
| 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   | Dark light               |
| 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



89179  
On/Off Driver 198-264V AC 24 W



89359  
On/Off Driver 198-264V AC / 180-275V DC 48 W



99331  
On/Off Driver 198-264V AC / 176-275V DC 150 W



99660  
DALI - 1-10V Controller 24V DC 216 W



C-E500023  
DALI - 1-10V - Push and Simply Dim Controller 8-53V DC 576 W

#### Cables Electrificación

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

## Uplights | 1 arrayLED 13 W DC 24 V | CRI 80 81180W30

Single emission uplights for outdoor application. The warm white LED light source is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1724 lm, with a 132.6 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 0.9 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 floor-mounted with an outer casing, code 99652(for concrete or masonry).

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

### Clase de eficiencia energética

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

### Características Luminotécnicas

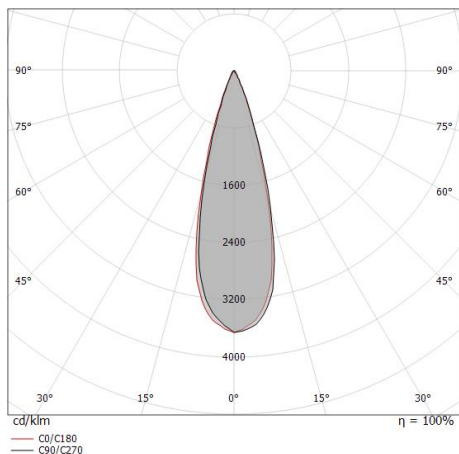
|   |                |
|---|----------------|
| Light Output Ratio (LOR)                      | 63 %           |
| Flujo luminoso (fuente)                       | 1724 lm        |
| Flujo luminoso de luminaria                   | 1095 lm        |
| Consumption                                   | 13 W           |
| Rendimiento luminoso de las luminarias        | 84 lm/W        |
| Temperatura de color                          | 3000 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 296960h (at Tj 65 Ta 25)

### OPTICAL

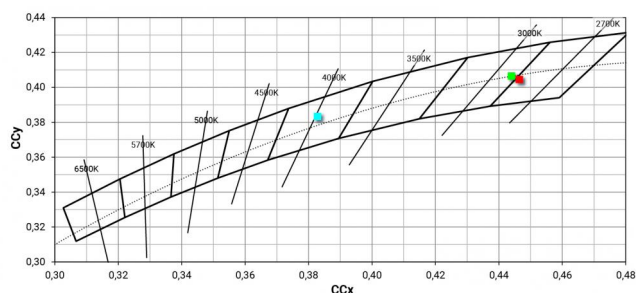
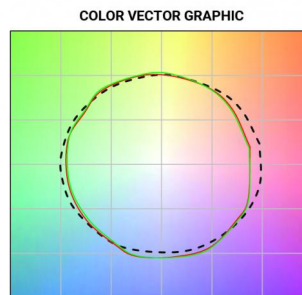
|                             |              |
|-----------------------------|--------------|
| Óptica C0/C180              | 30°          |
| Light distribution symmetry | Asymmetrical |



| Distance [m] | Cone diameter [m] | E(0°)<br>E(C0) | 14.8° | 16024<br>7280 |
|--------------|-------------------|----------------|-------|---------------|
| 0.5          | 0.26              | E(0°)<br>E(C0) | 14.8° | 4006<br>1820  |
| 1.0          | 0.53              | E(0°)<br>E(C0) | 14.8° | 1780<br>809   |
| 1.5          | 0.79              | E(0°)<br>E(C0) | 14.8° | 1002<br>455   |
| 2.0          | 1.06              | E(0°)<br>E(C0) | 14.8° | 641<br>291    |
| 2.5          | 1.32              | E(0°)<br>E(C0) | 14.8° | 445<br>202    |
| 3.0          | 1.59              | E(0°)<br>E(C0) | 14.8° |               |

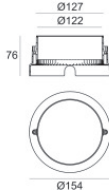
Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 29.6°)





Orma\_I | Uplights | Accessories  
**81180W30**



Caja de empotrar

posición de instalación: piso; tipo instalación: albañilería L=154mm, H=76mm, D=154mm.

Material:Plástico ABS, color:negro.

**Code**

99652