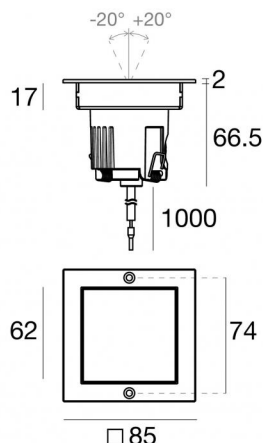


Uplights | 1 arrayLED 5 W DC 24 V | CRI 80  
77300N15



| 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  | 5 W DC                   |
| Flujo luminoso (fuente)                                   | 660 lm                   |
| Rango de voltaje de entrada                               | 24 V                     |
| CCT / Tone  | 4000 K                   |
| Índice de rendimientos cromático                          | 80 Ra                    |
| C.C. / C.V.   | CV                       |
| Clase de aislamiento                                      | 3                        |
| IP  | IP67                     |
| 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  | DALI - 1-10V             |
| Orientabilidad  | No                       |
| Basculación   | Sí                       |
| ángulo total (plano vertical)                             | 40 °                     |
| Practicabilidad   | Sí                       |
| Transitabilidad   | 2000 Kg                  |
| Cable incluido.   | Sí                       |
| Largo del cable   | 1 m                      |
| Resinado  | Sí                       |
| Tipología de emisión luminosa                             | Una emisión              |
| Peso neto   | 0.45 Kg                  |
| Protección descargas electrostáticas                      | No                       |
| Protección contra sobretensiones                          | No                       |
| Tecnología óptica   | Honey comb               |
| Características tecnológicas del producto                 | Acquastop - TVS          |

#### 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 316 |
| Color       | acero          |
| Elaboración | Cepillado      |

#### Electrónica



89488  
On/Off Driver 190-250V AC / 180-275V DC 15 W (1 - 2 art.)



89179  
On/Off Driver 198-264V AC 24 W (1 - 4 art.)



89359  
On/Off Driver 198-264V AC / 180-275V DC 48 W (1 - 9 art.)



99331  
On/Off Driver 198-264V AC / 176-275V DC 150 W (1 - 30 art.)



99660  
DALI - 1-10V Controller 24V DC 216 W (- art.)



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

#### Cables Electrificación

Cable connector No

## Uplights | 1 arrayLED 5 W DC 24 V | CRI 80 77300N15

Single emission uplights 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 660 lm, with a 132.0 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 IP67; the total weight is of 0.45 kg.

The total absorbed power is 5 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 83411 (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)                      | 47 %           |
| Flujo luminoso (fuente)                       | 660 lm         |
| Flujo luminoso de luminaria                   | 316 lm         |
| Consumption                                   | 5 W            |
| Rendimiento luminoso de las luminarias        | 63 lm/W        |
| Temperatura de color                          | 4000 K         |
| Standard Deviation of Colour Matching         | 3 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            | 50°C           |

### LED Life / Failure Ratio

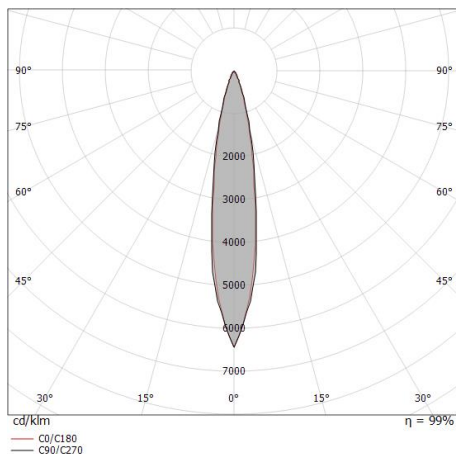
L70 B10 C0 130200h

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 5.9      |
| UGR transversal   | 5.9      |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Óptica C0/C180              | 18°         |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|------------------|-------|--------|-------|
| 0.5          | 0.15              | 8124             | 9.2°  | 3956   | 3934  |
| 1.0          | 0.31              | 2031             | 9.2°  | 989    | 983   |
| 1.5          | 0.46              | 903              | 9.2°  | 440    | 437   |
| 2.0          | 0.62              | 508              | 9.2°  | 247    | 246   |
| 2.5          | 0.77              | 325              | 9.2°  | 158    | 157   |
| 3.0          | 0.93              | 226              | 9.2°  | 110    | 109   |

— C0/C180 (Half-peak divergence: 17.6°)  
— C90/C270 (Half-peak divergence: 18.4°)

### COLOR VECTOR GRAPHIC





Orma\_QJ | Uplights | Accessories  
**77300N15**



Caja de empotrar

posición de instalación: piso; tipo instalación: albañilería L=97mm, H=93mm, D=97mm.

Material:Plástico ABS, color:negro.

**Code**

83411