





## Uplights | 1 arrayLED 12 W DC 350 mA | CRI 80 82690N60

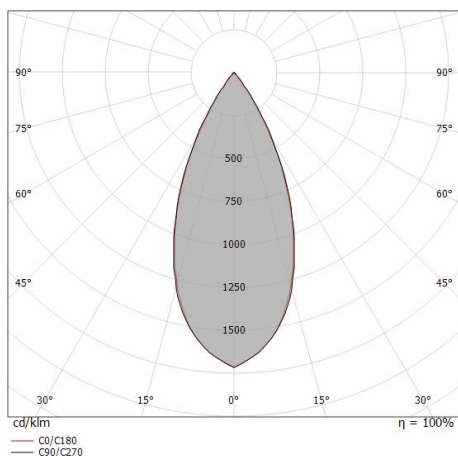
Single emission uplights for outdoor application. The natural white LED light source with a medium wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1854 lm, with a 154.5 lm/W nominal luminous efficacy.

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

The total absorbed power is 12 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 83040(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | Intensity [lx] |
|--------------|-------------------|----------------|
| 0.5          | 0.42              | 4997           |
| 1.0          | 0.84              | 1249           |
| 1.5          | 1.25              | 555            |
| 2.0          | 1.67              | 312            |
| 2.5          | 2.09              | 200            |
| 3.0          | 2.51              | 139            |

— C0/C180 (Half-peak divergence: 45.2°)  
 — C90/C270 (Half-peak divergence: 45.4°)

### Clase de eficiencia energética

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

### Características Luminotécnicas

|   |                |
|---|----------------|
| Light Output Ratio (LOR)                      | 39 %           |
| Flujo luminoso (fuente)                       | 1854 lm        |
| Flujo luminoso de luminaria                   | 728 lm         |
| Consumption                                   | 12 W           |
| Rendimiento luminoso de las luminarias        | 60 lm/W        |
| Temperatura de color                          | 4000 K         |
| Standard Deviation of Colour Matching         | 2 Step MacAdam |
| Índice de rendimientos cromático              | 80 Ra          |
| Gamut Area Index                              | 70 GAI         |
| Colour Rendering Index                        | 14 R9          |
| IES TM-30 Rf                                  | 82             |
| IES TM-30 Rg                                  | 94             |
| 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 )

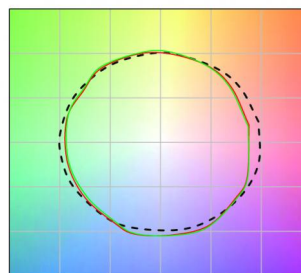
### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 10.8     |
| UGR transversal   | 10.5     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Óptica C0/C180              | 45°         |
| Light distribution simmetry | Symmetrical |

### COLOR VECTOR GRAPHIC





Caja de empotrar

posición de instalación: piso; tipo instalación: albañilería L=127mm, H=88mm, D=127mm.

Material:Plástico ABS, color:negro.

**Code**

99924



Caja de empotrar

posición de instalación: piso; tipo instalación: albañilería L=127mm, H=88mm, D=127mm.

Material:Plástico ABS, color:negro.

**Code**

83040