

Uplights | 1 arrayLED 9 W DC 24 V | CRI 80
82678N15



| 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 | 9 W DC |
| Flujo luminoso (fuente) | 1313 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 | 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 | Sí |
| ángulo total (plano vertical) | 40 ° |
| 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 |
| Tecnología óptica | Honey comb |
| 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 |

Electrónica



89179
On/Off Driver 198-264V AC 24 W (1 - 2 art.)



89359
On/Off Driver 198-264V AC / 180-275V DC 48 W (1 - 5 art.)



99331
On/Off Driver 198-264V AC / 176-275V DC 150 W (1 - 16 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 |
|-----------------|----|

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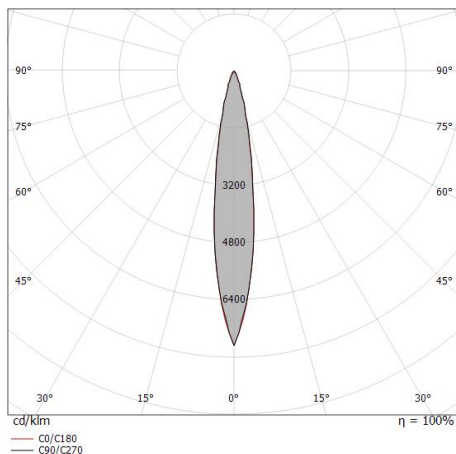
Single emission uplights for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1313 lm, with a 145.9 lm/W nominal luminous efficacy.

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 total absorbed power is 9 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 83039(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | Beam diameter [m] | E(0°) [lx] | E(C0) [lx] |
|--------------|-------------------|-------------------|------------|------------|
| 0.5 | 0.14 | 0.14 | 17850 | 8675 |
| 1.0 | 0.29 | 0.29 | 4462 | 2169 |
| 1.5 | 0.43 | 0.43 | 1983 | 964 |
| 2.0 | 0.58 | 0.58 | 1116 | 542 |
| 2.5 | 0.72 | 0.72 | 714 | 347 |
| 3.0 | 0.86 | 0.86 | 496 | 241 |

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

— C0/C180 (Half-peak divergence: 16.4°)

Clase de eficiencia energética

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

Características Luminotécnicas

| | |
|--|----------------|
| Light Output Ratio (LOR) | 44 % |
| Flujo luminoso (fuente) | 1313 lm |
| Flujo luminoso de luminaria | 581 lm |
| Consumption | 9 W |
| Rendimiento luminoso de las luminarias | 64 lm/W |
| Temperatura de color | 4000 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)

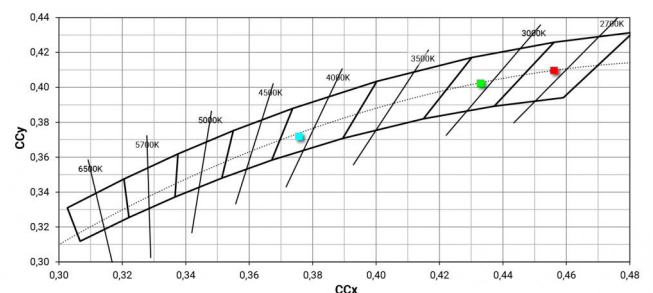
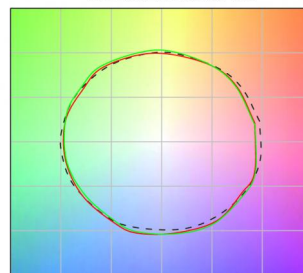
UGR

| | |
|-------------------|----------|
| UGR axial | 7.2 |
| UGR transversal | 7.4 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Óptica C0/C180 | 16° |
| Light distribution simmetry | Symmetrical |

COLOR VECTOR GRAPHIC





Orma_FJ | Uplights | Accessories
82678N15



Caja de empotrar

posición de instalación: piso; tipo instalación: albañilería L=87mm, H=88mm, D=87mm.

Material:Plástico ABS, color:negro.

Code

99923



Caja de empotrar

posición de instalación: piso; tipo instalación: albañilería L=114mm, H=88mm, D=114mm.

Material:Plástico ABS, color:negro.

Code

83039