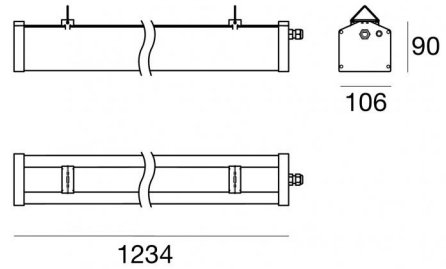




Plafón | 198-264 V AC /180-275 V DC
48 topLED 90 W DC - 100 W AC | CRI 80
81779N30



| Datos técnicos | |
|---|----------------|
| Tipo | Superficie |
| Posición de instalación | Techo |
| Ambiente de instalación | Exteriores |
| Fuente de luz | LED |
| Circuit structure | topLED |
| Óptica | Medium Flood |
| Light emission direction | downward |
| Potencia nominal | 90 W DC |
| Poder total | 100 W |
| Flujo luminoso (fuente) | 14558 lm |
| Tensión nominal de entrada | 220 - 240 V AC |
| Rango de voltaje de entrada | 198 - 264 V AC |
| Frequency | 50 - 60 Hz |
| CCT / Tone | 4000 K |
| Índice de rendimientos cromático | 80 Ra |
| C.C. / C.V. | AC |
| Clase de aislamiento | 1 |
| IP | IP65 |
| IK | IK06 |
| Test del hilo incandescente | 850° |
| Montaje directo sobre superficies normalmente inflamables | Sí |
| CE | Sí |
| Driver incluido. | driver |
| Artículo regulable | DALI |
| Orientabilidad | No |
| Basculación | No |
| Practicabilidad | No |
| Transitabilidad | No |
| Cable incluido. | Sí |
| Largo del cable | 1 m |
| Resinado | No |
| Tipología de emisión luminosa | Una emisión |
| Peso neto | 4.4 Kg |
| Protección descargas electrostáticas | Sí |
| Protección contra sobretensiones | 5 KV |

Acabado cuerpo

| | |
|-------------|--------------------|
| Material | Aluminio 6060 |
| Color | Aluminio Anodizado |
| Elaboración | Anodizado 20 µm |

Acabado difusor

| | |
|-------------|-------------------------------|
| Material | Vidrio extra claro - templado |
| Color | transparente |
| Elaboración | Serigrafía |

Plafón | 198-264 V AC /180-275 V DC | 48 topLED 90 W DC - 100 W AC | CRI 80
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Clase de eficiencia energética

Este producto contiene 3 fuentes de luz de clase de eficiencia energética D.

Características Luminotécnicas

| | |
|---|----------------|
| Light Output Ratio (LOR) | 84 % |
| Flujo luminoso (fuente) | 14558 lm |
| Flujo luminoso de luminaria | 12347 lm |
| Consumption | 100 W |
| Rendimiento luminoso de las luminarias | 123 lm/W |
| Temperatura de color | 4000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Índice de rendimientos cromático | 80 Ra |
| Temperatura estándar del ambiente de servicio | -20 / +50°C |

LED Life / Failure Ratio

L70 B20 C10 108000h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 22 |
| UGR transversal | 22.9 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|---------------------|
| Óptica C90/C270 | 29° |
| Óptica C0/C180 | 33° |
| Light distribution simmetry | Symmetrical 2 assis |

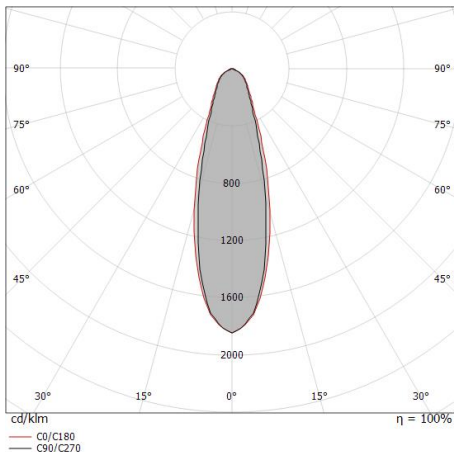
Single emission ceiling downlights for outdoor application. The natural white LED light source with a medium flood light distribution is composed of 48 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 14558 lm, with a 161.8 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a anodised aluminum finish, processed by means of 20 µm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP65; the total weight is of 4.4 kg.

The total absorbed power is 100 W. The power supply cable is included and features a 1 m length.

The device features protection class I and can be ceiling-mounted.

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.26 0.29 | E(0°) 91086 E(C90) 14.5° 41597 E(C0) 16.3° 40413 |
| 1.0 | 0.52 0.58 | E(0°) 22772 E(C90) 14.5° 10399 E(C0) 16.3° 10103 |
| 1.5 | 0.78 0.88 | E(0°) 10121 E(C90) 14.5° 4622 E(C0) 16.3° 4490 |
| 2.0 | 1.03 1.17 | E(0°) 5693 E(C90) 14.5° 2600 E(C0) 16.3° 2526 |
| 2.5 | 1.29 1.46 | E(0°) 3643 E(C90) 14.5° 1664 E(C0) 16.3° 1617 |
| 3.0 | 1.55 1.75 | E(0°) 2530 E(C90) 14.5° 1155 E(C0) 16.3° 1123 |

— C0/C180 (Half-peak divergence: 32.6°)
— C90/C270 (Half-peak divergence: 29.0°)



Cable

Tipología cable power + signal cable; Largo 1000 mm; aislamiento doppio senza schermatura; sección 2.5 mm²; prensacable: no; colores: negro - azul - gris - marrón - amarillo-verde.

Code

83239