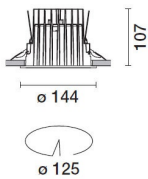


Última actualización de la información: Abril 2024

Configuraciones productos: MV96

MV96: Empotrable circular fijo - Ø 125 mm - neutral white - óptica flood - UGR<19



Código producto

MV96: Empotrable circular fijo - Ø 125 mm - neutral white - óptica flood - UGR<19 ;**Advertencia! Código fuera de producción**

Descripción

Luminaria circular fija para usar con lámpara LED de tecnología C.o.B. Versión con marco para instalación en apoyo. Reflector metalizado con vapores de aluminio al vacío con capa de protección antirayado. Cuerpo de aluminio fundido a presión y sistema de disipación pasiva. Luminaria equipada con led en tono de color neutral white (4000K). Emisión luminosa de luz general con luminancia controlada UGR<19 1500 cd/m<sup>2</sup> α>65° óptica flood.

Instalación

Empotrable mediante los correspondientes muelles de torsión que permiten una instalación fácil en falsos techos con espesor de 1 mm a 20 mm.

Colores

Blanco/Aluminio (39)

Peso (Kg)

1.02

Montaje

empotrable en el techo

Equipo

Luminaria equipada con alimentador electrónico

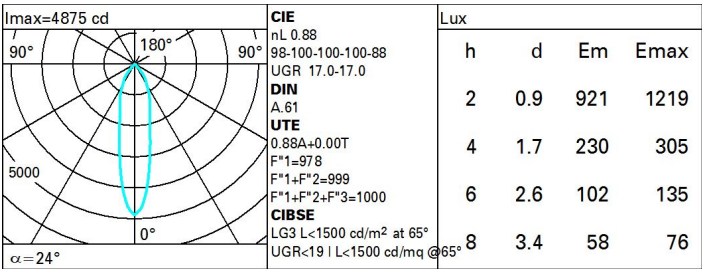
Se conforma con EN60598-1 y regulaciones pertinentes



Datos técnicos

|                                                             |       |                                      |                                 |
|-------------------------------------------------------------|-------|--------------------------------------|---------------------------------|
| Im de sistema:                                              | 1801  | CRI (mínimo):                        | 80                              |
| W de sistema:                                               | 14.9  | Temperatura de color [K]:            | 4000                            |
| Im de la fuente:                                            | 2050  | MacAdam Step:                        | 2                               |
| W de la fuente:                                             | 13    | Life time (vida útil) LED 1:         | > 50,000h - L80 - B10 (Ta 25°C) |
| Eficiencia luminosa (lm/W, valor del sistema):              | 120.9 | Código de lámpara:                   | LED                             |
| Im en modo emergencia:                                      | -     | Número de lámparas por grupo óptico: | 1                               |
| Flujo total de emisión en un ángulo de 90° o superior [Lm]: | 0     | Código ZVEI:                         | LED                             |
| Light Output Ratio (L.O.R.) [%]:                            | 88    | Número de grupos ópticos:            | 1                               |
| Ángulo de apertura del haz de luz [°]:                      | 24°   |                                      |                                 |

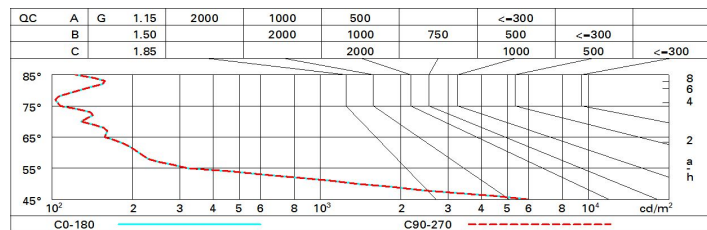
Polar



# Coefficientes de uso

| R    | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 79 | 74 | 71 | 69 | 74 | 71 | 70 | 68 | 77  |
| 1.0  | 82 | 78 | 76 | 73 | 77 | 75 | 75 | 72 | 82  |
| 1.5  | 86 | 84 | 81 | 79 | 83 | 81 | 80 | 77 | 88  |
| 2.0  | 89 | 87 | 85 | 84 | 86 | 84 | 83 | 81 | 92  |
| 2.5  | 91 | 89 | 88 | 87 | 88 | 87 | 86 | 84 | 95  |
| 3.0  | 92 | 91 | 90 | 89 | 89 | 89 | 88 | 85 | 97  |
| 4.0  | 93 | 92 | 92 | 91 | 91 | 90 | 89 | 87 | 99  |
| 5.0  | 94 | 93 | 93 | 92 | 92 | 91 | 90 | 88 | 100 |

## Curva límite de luminancia



## Diagrama UGR

| Corrected UGR values (at 2050 lm bare lamp luminous flux)        |      |                     |      |      |      |      |                   |      |      |      |      |
|------------------------------------------------------------------|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.:<br>ceiling/cav<br>walls<br>work pl.<br>Room dim<br>x y |      | 0.70                | 0.70 | 0.50 | 0.50 | 0.30 | 0.70              | 0.70 | 0.50 | 0.50 | 0.30 |
|                                                                  |      | 0.50                | 0.30 | 0.50 | 0.30 | 0.30 | 0.50              | 0.30 | 0.50 | 0.30 | 0.30 |
|                                                                  |      | 0.20                | 0.20 | 0.20 | 0.20 | 0.20 | 0.20              | 0.20 | 0.20 | 0.20 | 0.20 |
|                                                                  |      | viewed<br>crosswise |      |      |      |      | viewed<br>endwise |      |      |      |      |
| 2H                                                               | 2H   | 17.6                | 18.2 | 17.8 | 18.5 | 18.7 | 17.6              | 18.2 | 17.8 | 18.5 | 18.7 |
|                                                                  | 3H   | 17.4                | 18.0 | 17.7 | 18.3 | 18.6 | 17.4              | 18.0 | 17.7 | 18.3 | 18.6 |
|                                                                  | 4H   | 17.3                | 17.9 | 17.7 | 18.2 | 18.5 | 17.3              | 17.9 | 17.7 | 18.2 | 18.5 |
|                                                                  | 6H   | 17.3                | 17.8 | 17.6 | 18.1 | 18.4 | 17.3              | 17.8 | 17.6 | 18.1 | 18.4 |
|                                                                  | 8H   | 17.2                | 17.7 | 17.6 | 18.0 | 18.4 | 17.2              | 17.7 | 17.6 | 18.0 | 18.4 |
|                                                                  | 12H  | 17.2                | 17.7 | 17.6 | 18.0 | 18.3 | 17.2              | 17.7 | 17.6 | 18.0 | 18.3 |
| 4H                                                               | 2H   | 17.3                | 17.9 | 17.7 | 18.2 | 18.5 | 17.3              | 17.9 | 17.7 | 18.2 | 18.5 |
|                                                                  | 3H   | 17.2                | 17.7 | 17.6 | 18.0 | 18.3 | 17.2              | 17.7 | 17.6 | 18.0 | 18.3 |
|                                                                  | 4H   | 17.1                | 17.5 | 17.5 | 17.9 | 18.3 | 17.1              | 17.5 | 17.5 | 17.9 | 18.3 |
|                                                                  | 6H   | 17.0                | 17.4 | 17.4 | 17.8 | 18.2 | 17.0              | 17.4 | 17.4 | 17.8 | 18.2 |
|                                                                  | 8H   | 17.0                | 17.3 | 17.4 | 17.7 | 18.1 | 17.0              | 17.3 | 17.4 | 17.7 | 18.1 |
|                                                                  | 12H  | 16.9                | 17.2 | 17.4 | 17.6 | 18.1 | 16.9              | 17.2 | 17.4 | 17.6 | 18.1 |
| 8H                                                               | 4H   | 17.0                | 17.3 | 17.4 | 17.7 | 18.1 | 17.0              | 17.3 | 17.4 | 17.7 | 18.1 |
|                                                                  | 6H   | 16.9                | 17.1 | 17.3 | 17.6 | 18.1 | 16.9              | 17.1 | 17.3 | 17.6 | 18.1 |
|                                                                  | 8H   | 16.8                | 17.1 | 17.3 | 17.5 | 18.0 | 16.8              | 17.1 | 17.3 | 17.5 | 18.0 |
|                                                                  | 12H  | 16.8                | 17.0 | 17.3 | 17.5 | 18.0 | 16.8              | 17.0 | 17.3 | 17.5 | 18.0 |
| 12H                                                              | 4H   | 16.9                | 17.2 | 17.4 | 17.6 | 18.1 | 16.9              | 17.2 | 17.4 | 17.6 | 18.1 |
|                                                                  | 6H   | 16.8                | 17.1 | 17.3 | 17.5 | 18.0 | 16.8              | 17.1 | 17.3 | 17.5 | 18.0 |
|                                                                  | 8H   | 16.8                | 17.0 | 17.3 | 17.5 | 18.0 | 16.8              | 17.0 | 17.3 | 17.5 | 18.0 |
| Variations with the observer position at spacing:                |      |                     |      |      |      |      |                   |      |      |      |      |
| S =                                                              | 1.0H | 4.4 / -24.6         |      |      |      |      | 4.4 / -24.6       |      |      |      |      |
|                                                                  | 1.5H | 7.2 / -25.8         |      |      |      |      | 7.2 / -25.8       |      |      |      |      |
|                                                                  | 2.0H | 9.2 / -26.2         |      |      |      |      | 9.2 / -26.2       |      |      |      |      |