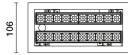
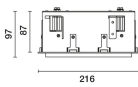
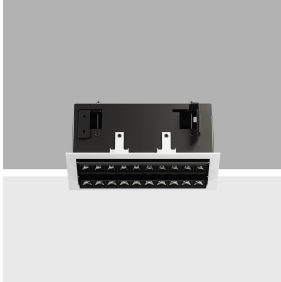


Última actualización de la información: Abril 2025

Configuraciones productos: PH94

PH94: Empotrable Frame orientable 2 x 10 celdas - LED - Neutral White - Alimentación regulable DALI



Código producto

PH94: Empotrable Frame orientable 2 x 10 celdas - LED - Neutral White - Alimentación regulable DALI

Descripción

Luminaria rectangular empotrable con lámpara led. Cuerpo estructural de chapa de acero perfilada con solapa perimetral de tope. Los dos elementos lineales de 10 celdas luminosas, en aluminio fundido a presión y con direccionamiento independiente, permiten direccionar la emisión con posibilidad de orientación basculante +/- 20°. Ópticas de alta definición de termoplástico metalizado, integradas en posición retrasada en el difusor antideslumbramiento negro; la composición de la estructura del sistema óptico evita el efecto puntiforme, permite obtener una distribución lumínica definida y circular y genera una emisión con deslumbramiento controlado. Incluye grupo de alimentación regulable DALI conectado a la luminaria.

Instalación

empotrable con sistema de bloqueo mecánico para falso techo de 1 a 25 mm; posibilidad de instalación en techo y en pared (vertical y horizontal)

Colores

Blanco (01) | Negro/Negro (43) | Blanco/Negro (47) | Blanco/Oro (41)* | Gris/Negro (74)* | Blanco / cromo bruído (E7)*

Peso (Kg)

1.43

* Colores a petición

Montaje

empotrable en la pared | empotrable en el techo

Equipo

en caja de alimentación; conexiones de tornillo

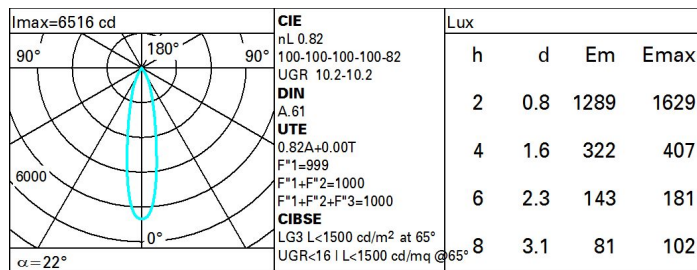
Se conforma con EN60598-1 y regulaciones pertinentes



Datos técnicos

| | | | |
|---|------|--------------------------------------|---------------------------------|
| lm de sistema: | 3018 | CRI (mínimo): | 90 |
| W de sistema: | 31.8 | Temperatura de color [K]: | 4000 |
| lm de la fuente: | 1840 | MacAdam Step: | 3 |
| W de la fuente: | 14 | Life time (vida útil) LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Eficiencia luminosa (lm/W, valor del sistema): | 94.9 | Código de lámpara: | LED |
| lm 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.) [%]: | 82 | Número de grupos ópticos: | 2 |
| Ángulo de apertura del haz de luz [°]: | 22° | Control: | DALI-2 |

Polar



Coefficientes de uso

| | | | | | | | | | |
|------|----|----|----|----|----|----|----|----|-----|
| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
| K0.8 | 74 | 70 | 68 | 66 | 70 | 67 | 67 | 64 | 78 |
| 1.0 | 77 | 74 | 72 | 70 | 73 | 71 | 71 | 68 | 83 |
| 1.5 | 81 | 79 | 77 | 75 | 78 | 76 | 75 | 73 | 89 |
| 2.0 | 84 | 82 | 80 | 79 | 81 | 79 | 78 | 76 | 93 |
| 2.5 | 85 | 84 | 83 | 82 | 83 | 82 | 81 | 79 | 96 |
| 3.0 | 86 | 85 | 84 | 84 | 84 | 83 | 82 | 80 | 98 |
| 4.0 | 87 | 86 | 86 | 85 | 85 | 85 | 83 | 81 | 99 |
| 5.0 | 88 | 87 | 87 | 87 | 86 | 85 | 84 | 82 | 100 |

Curva límite de luminancia

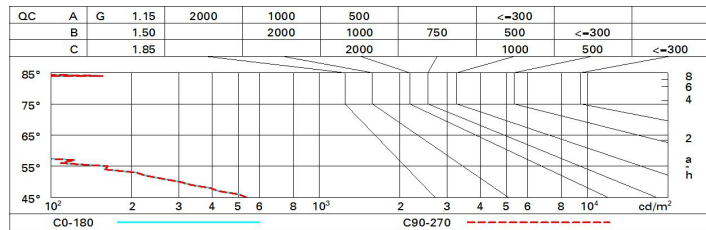


Diagrama UGR

| Corrected UGR values (at 1840 lm bare lamp luminous flux) | | | | | | | | | | | |
|---|------|------------------|------|------|------|------|----------------|------|------|------|------|
| Reflect.: | | viewed crosswise | | | | | viewed endwise | | | | |
| ceil/cav | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| walls | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| work pl. | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Room dim | | | | | | | | | | | |
| x | y | | | | | | | | | | |
| 2H | 2H | 11.2 | 13.2 | 11.5 | 13.0 | 13.9 | 11.2 | 13.2 | 11.5 | 13.0 | 13.9 |
| | 3H | 11.0 | 12.6 | 11.4 | 12.9 | 13.3 | 11.0 | 12.6 | 11.4 | 12.9 | 13.3 |
| | 4H | 11.0 | 12.3 | 11.3 | 12.6 | 13.0 | 11.0 | 12.3 | 11.3 | 12.6 | 13.0 |
| | 6H | 10.9 | 12.0 | 11.3 | 12.4 | 12.7 | 10.9 | 12.0 | 11.3 | 12.4 | 12.7 |
| | 8H | 10.8 | 12.0 | 11.2 | 12.3 | 12.7 | 10.8 | 12.0 | 11.2 | 12.3 | 12.7 |
| 12H | 10.8 | 11.9 | 11.2 | 12.3 | 12.6 | 10.8 | 11.9 | 11.2 | 12.3 | 12.6 | |
| 4H | 2H | 11.0 | 12.3 | 11.3 | 12.6 | 13.0 | 11.0 | 12.3 | 11.3 | 12.6 | 13.0 |
| | 3H | 10.8 | 11.9 | 11.2 | 12.3 | 12.6 | 10.8 | 11.9 | 11.2 | 12.3 | 12.6 |
| | 4H | 10.7 | 11.7 | 11.1 | 12.1 | 12.5 | 10.7 | 11.7 | 11.1 | 12.1 | 12.5 |
| | 6H | 10.4 | 12.0 | 10.8 | 12.4 | 12.9 | 10.4 | 12.0 | 10.8 | 12.4 | 12.9 |
| | 8H | 10.2 | 12.0 | 10.7 | 12.5 | 13.0 | 10.2 | 12.0 | 10.7 | 12.5 | 13.0 |
| 12H | 10.1 | 12.0 | 10.6 | 12.5 | 13.0 | 10.1 | 12.0 | 10.6 | 12.5 | 13.0 | |
| 8H | 4H | 10.2 | 12.0 | 10.7 | 12.5 | 13.0 | 10.2 | 12.0 | 10.7 | 12.5 | 13.0 |
| | 6H | 10.1 | 11.8 | 10.6 | 12.3 | 12.9 | 10.1 | 11.8 | 10.6 | 12.3 | 12.9 |
| | 8H | 10.1 | 11.6 | 10.6 | 12.1 | 12.7 | 10.1 | 11.6 | 10.6 | 12.1 | 12.7 |
| | 12H | 10.2 | 11.2 | 10.8 | 11.7 | 12.2 | 10.2 | 11.2 | 10.8 | 11.7 | 12.2 |
| 12H | 4H | 10.1 | 12.0 | 10.6 | 12.5 | 13.0 | 10.1 | 12.0 | 10.6 | 12.5 | 13.0 |
| | 6H | 10.1 | 11.6 | 10.6 | 12.1 | 12.7 | 10.1 | 11.6 | 10.6 | 12.1 | 12.7 |
| | 8H | 10.2 | 11.2 | 10.8 | 11.7 | 12.2 | 10.2 | 11.2 | 10.8 | 11.7 | 12.2 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 6.8 / -28.7 | | | | | 6.8 / -28.7 | | | | |
| | 1.5H | 9.6 / -30.9 | | | | | 9.6 / -30.9 | | | | |
| | 2.0H | 11.6 / -33.1 | | | | | 11.6 / -33.1 | | | | |