

# Laser Blade XS

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### Configuraciones productos: PH70.01

PH70.01: Empotrable Frame orientable de 10 celdas - LED - Neutral White - Alimentación regulable DALI - Medium - 16.5W  
1525.2lm - 4000K - CRI 90 - Blanco



### Código producto

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### Descripción

Luminaria rectangular empotrable con lámpara led. Cuerpo estructural de chapa de acero perfilada con solapa perimetral de tope. El cuerpo lineal de 10 celdas luminosas, en aluminio fundido a presión, permite direccionar la emisión con posibilidad de orientación basculante +/- 30°. 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 luminancia controlada. 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)

### Peso (Kg)

0.97

### Montaje

empotrable en la pared|empotrable en el techo

### Equipo

En caja de alimentación: conexiones de tornillo

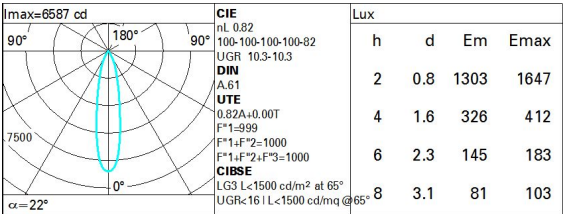
Se conforma con EN60598-1 y regulaciones pertinentes



### Datos técnicos

|                                                             |      |                                      |                                 |
|-------------------------------------------------------------|------|--------------------------------------|---------------------------------|
| Im de sistema:                                              | 1525 | Rf (Colour Fidelity Index):          | 94                              |
| W de sistema:                                               | 16.5 | Rg (Gamut Index):                    | 102                             |
| Im de la fuente:                                            | 1860 | Temperatura de color [K]:            | 4000                            |
| W de la fuente:                                             | 14   | MacAdam Step:                        | 3                               |
| Eficiencia luminosa (lm/W, valor del sistema):              | 92.4 | Life time (vida útil) LED 1:         | > 50,000h - L90 - B10 (Ta 25°C) |
| Im en modo emergencia:                                      | -    | Código de lámpara:                   | LED                             |
| Flujo total de emisión en un ángulo de 90° o superior [Lm]: | 0    | Número de lámparas por grupo óptico: | 1                               |
| Light Output Ratio (L.O.R.) [%]:                            | 82   | Código ZVEI:                         | LED                             |
| Ángulo de apertura del haz de luz [°]:                      | 22°  | Número de grupos ópticos:            | 1                               |
| CRI (mínimo):                                               | 90   | 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

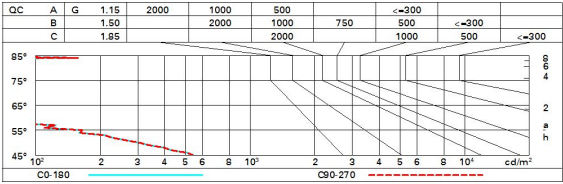


Diagrama UGR

| Corrected UGR values (at 1860 lm bare lamp luminous flux) |      |                  |      |      |      |      |                |      |      |      |      |      |
|-----------------------------------------------------------|------|------------------|------|------|------|------|----------------|------|------|------|------|------|
| Reflect.:                                                 |      |                  |      |      |      |      |                |      |      |      |      |      |
| ceiling                                                   |      | 0.70             | 0.70 | 0.50 | 0.50 | 0.30 | 0.70           | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 |
| walls                                                     |      | 0.50             | 0.30 | 0.50 | 0.30 | 0.30 | 0.50           | 0.30 | 0.50 | 0.30 | 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 | 0.20 |
| Room dim                                                  |      | viewed crosswise |      |      |      |      | viewed endwise |      |      |      |      |      |
| x                                                         | y    |                  |      |      |      |      |                |      |      |      |      |      |
| 2H                                                        | 2H   | 11.2             | 13.3 | 11.6 | 13.6 | 13.9 | 11.2           | 13.3 | 11.6 | 13.6 | 13.9 | 13.9 |
|                                                           | 3H   | 11.1             | 12.6 | 11.4 | 13.0 | 13.3 | 11.1           | 12.6 | 11.4 | 13.0 | 13.3 | 13.3 |
|                                                           | 4H   | 11.0             | 12.4 | 11.4 | 12.7 | 13.0 | 11.0           | 12.4 | 11.4 | 12.7 | 13.0 | 13.0 |
|                                                           | 6H   | 10.9             | 12.1 | 11.3 | 12.4 | 12.8 | 10.9           | 12.1 | 11.3 | 12.4 | 12.8 | 12.8 |
|                                                           | 8H   | 10.9             | 12.0 | 11.3 | 12.4 | 12.7 | 10.9           | 12.0 | 11.3 | 12.4 | 12.7 | 12.7 |
|                                                           | 12H  | 10.8             | 11.9 | 11.2 | 12.3 | 12.7 | 10.8           | 11.9 | 11.2 | 12.3 | 12.7 | 12.7 |
| 4H                                                        | 2H   | 11.0             | 12.4 | 11.4 | 12.7 | 13.0 | 11.0           | 12.4 | 11.4 | 12.7 | 13.0 | 13.0 |
|                                                           | 3H   | 10.8             | 11.9 | 11.2 | 12.3 | 12.7 | 10.8           | 11.9 | 11.2 | 12.3 | 12.7 | 12.7 |
|                                                           | 4H   | 10.7             | 11.8 | 11.1 | 12.2 | 12.6 | 10.7           | 11.8 | 11.1 | 12.2 | 12.6 | 12.6 |
|                                                           | 6H   | 10.4             | 12.0 | 10.9 | 12.5 | 12.9 | 10.4           | 12.0 | 10.9 | 12.5 | 12.9 | 12.9 |
|                                                           | 8H   | 10.3             | 12.1 | 10.8 | 12.5 | 13.0 | 10.3           | 12.1 | 10.8 | 12.5 | 13.0 | 13.0 |
|                                                           | 12H  | 10.1             | 12.1 | 10.7 | 12.5 | 13.1 | 10.1           | 12.1 | 10.7 | 12.5 | 13.1 | 13.1 |
| 8H                                                        | 4H   | 10.3             | 12.1 | 10.8 | 12.5 | 13.0 | 10.3           | 12.1 | 10.8 | 12.5 | 13.0 | 13.0 |
|                                                           | 6H   | 10.1             | 11.9 | 10.6 | 12.4 | 12.9 | 10.1           | 11.9 | 10.6 | 12.4 | 12.9 | 12.9 |
|                                                           | 8H   | 10.1             | 11.7 | 10.6 | 12.2 | 12.7 | 10.1           | 11.7 | 10.6 | 12.2 | 12.7 | 12.7 |
|                                                           | 12H  | 10.3             | 11.2 | 10.8 | 11.7 | 12.3 | 10.3           | 11.2 | 10.8 | 11.7 | 12.3 | 12.3 |
| 12H                                                       | 4H   | 10.1             | 12.1 | 10.7 | 12.5 | 13.1 | 10.1           | 12.1 | 10.7 | 12.5 | 13.1 | 13.1 |
|                                                           | 6H   | 10.1             | 11.7 | 10.6 | 12.2 | 12.7 | 10.1           | 11.7 | 10.6 | 12.2 | 12.7 | 12.7 |
|                                                           | 8H   | 10.3             | 11.2 | 10.8 | 11.7 | 12.3 | 10.3           | 11.2 | 10.8 | 11.7 | 12.3 | 12.3 |
| 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   |      |      |      |      |      |