



DIMENSIONES



PREMIOS



PRODUCTO

| | |
|------------|---|
| Nombre | BLACK FOSTER REC 2X2 FLOOD DIM PUSH 4000K W |
| Referencia | A3195022W |
| Color | Blanco Mate |
| RAL | Color en masa similar a RAL 9010 |
| Categoría | CEILING RECESSED |

FUENTE DE LUZ

| | |
|----------------------------------|-------------------|
| Tipo | LED |
| Flujo Luminoso | 1000 lm |
| Temperatura de color | 4000 K |
| Estabilidad cromática | MacAdam Step 3 |
| Índice de reproducción cromática | CRI > 90 |
| Potencia | 8,4 W |
| Corriente | 700 mA |
| Horas de Vida del LED | L90B10 > 102.000h |

LUMINARIA | DATOS FOTOMÉTRICOS

| | |
|-----------------------|-----|
| Eficiencia Lumínica | 92% |
| Ángulo del haz de luz | 38° |

LUMINARIA | DATOS ELÉCTRICOS

| | |
|------------------------------|----------------------|
| Driver | Incluido - Conectado |
| Potencia del sistema | 10,24 W |
| Tensión | 220V/240V |
| Frecuencia | 50/60 Hz |
| Regulación | Push |
| Clase de seguridad eléctrica | □ |

OTROS DATOS

| | |
|----------------------------|---|
| Estanqueidad | IP20 |
| Control inalámbrico | Consultar |
| Alimentación de emergencia | Consultar |
| Medidas de empotramiento | 93 x 93 mm |
| Peso | 221 g |
| Peso con embalaje | 321 g |
| Dimensiones embalaje | 178 x 135 x 50 mm |
| Unidades por embalaje | 1 |
| Materiales | Aluminio / Acrilonitrilo Butadieno Estireno |



Black Foster es el producto que traslada el aclamado efecto 'The Invisible Black' a una luminaria lineal de empotramiento aislado, disponible en versión recessed y trimless. La versión con bisel tiene un marco tan fino que, encendida, es visualmente inapreciable y ofrece una estética de 'trimless visual'. Black Foster destaca por su elevado apantallamiento, su marcado confort visual y por esconder casi por completo la fuente de luz del acceso visual.

DIAGRAMA POLAR

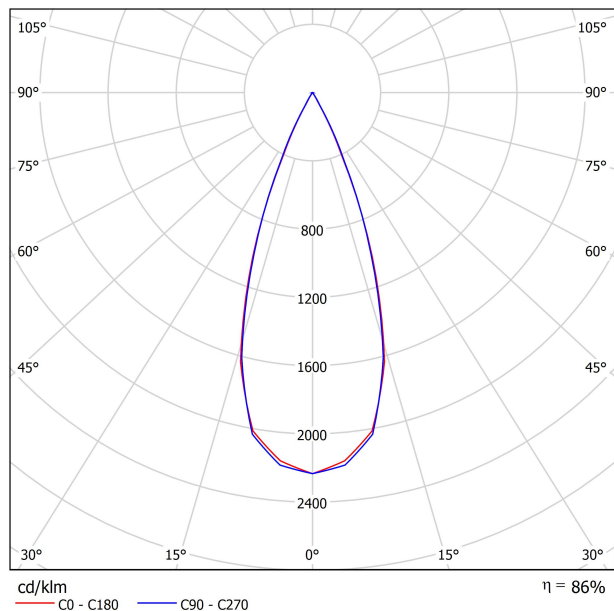
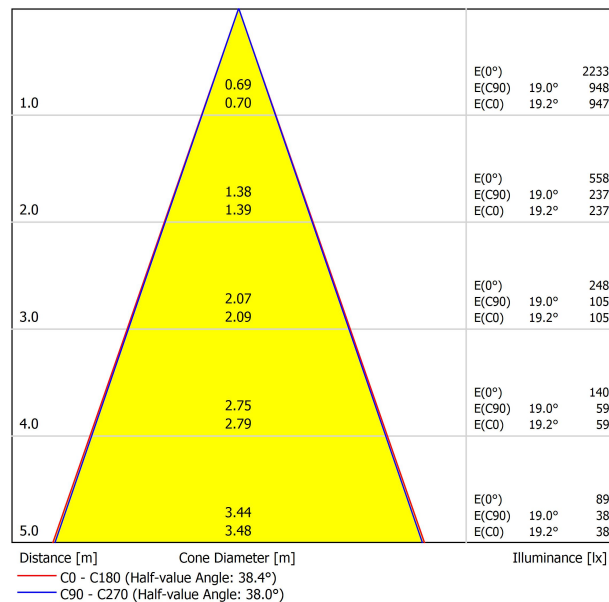


DIAGRAMA CÓNICO



UGR

| Glare Evaluation According to UGR | | | | | | | | | | | | |
|--|-----|---|-------|-------|-------|-------|--|-------|-------|-------|-------|-------|
| ρ Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | 30 |
| ρ Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | 30 |
| ρ Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room Size X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | | |
| 2H | 2H | -13.5 | -12.9 | -13.3 | -12.7 | -12.5 | -14.4 | -13.7 | -14.1 | -13.6 | -13.4 | -13.4 |
| | 3H | -7.2 | -6.6 | -6.9 | -6.4 | -6.1 | -7.1 | -6.5 | -6.8 | -6.3 | -6.0 | -6.0 |
| | 4H | -3.7 | -3.1 | -3.4 | -2.9 | -2.6 | -3.1 | -2.6 | -2.8 | -2.3 | -2.1 | -2.1 |
| | 6H | -0.0 | 0.5 | 0.3 | 0.7 | 1.0 | 0.3 | 0.8 | 0.6 | 1.1 | 1.4 | 1.4 |
| | 8H | 1.8 | 2.3 | 2.1 | 2.6 | 2.9 | 2.1 | 2.6 | 2.5 | 2.9 | 3.2 | 3.2 |
| | 12H | 3.8 | 4.3 | 4.1 | 4.6 | 4.9 | 4.2 | 4.6 | 4.5 | 4.9 | 5.2 | 5.2 |
| 4H | 2H | -10.9 | -10.4 | -10.6 | -10.1 | -9.9 | -11.3 | -10.8 | -11.0 | -10.5 | -10.3 | -10.3 |
| | 3H | -5.0 | -4.5 | -4.6 | -4.2 | -3.9 | -4.8 | -4.3 | -4.4 | -4.0 | -3.7 | -3.7 |
| | 4H | -1.5 | -1.2 | -1.2 | -0.8 | -0.5 | -1.1 | -0.7 | -0.7 | -0.4 | -0.0 | -0.0 |
| | 6H | 2.0 | 2.3 | 2.4 | 2.7 | 3.1 | 2.3 | 2.6 | 2.7 | 3.0 | 3.4 | 3.4 |
| | 8H | 3.9 | 4.2 | 4.3 | 4.6 | 5.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.2 | 5.2 |
| | 12H | 5.9 | 6.2 | 6.4 | 6.6 | 7.0 | 6.2 | 6.5 | 6.7 | 6.9 | 7.3 | 7.3 |
| 8H | 4H | -0.0 | 0.3 | 0.4 | 0.7 | 1.1 | 0.3 | 0.6 | 0.7 | 0.9 | 1.3 | 1.3 |
| | 6H | 3.6 | 3.9 | 4.1 | 4.3 | 4.7 | 3.8 | 4.1 | 4.3 | 4.5 | 4.9 | 4.9 |
| | 8H | 5.6 | 5.8 | 6.1 | 6.2 | 6.7 | 5.8 | 6.0 | 6.3 | 6.4 | 6.9 | 6.9 |
| | 12H | 7.8 | 7.9 | 8.3 | 8.4 | 8.9 | 8.0 | 8.2 | 8.5 | 8.6 | 9.1 | 9.1 |
| 12H | 4H | 0.5 | 0.8 | 0.9 | 1.2 | 1.6 | 0.7 | 1.0 | 1.2 | 1.4 | 1.8 | 1.8 |
| | 6H | 4.2 | 4.4 | 4.7 | 4.9 | 5.3 | 4.4 | 4.6 | 4.9 | 5.0 | 5.5 | 5.5 |
| | 8H | 6.3 | 6.4 | 6.8 | 6.9 | 7.4 | 6.5 | 6.6 | 7.0 | 7.1 | 7.6 | 7.6 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | | |
| S = 1.0H | | +0.9 / -0.3 | | | | | +1.3 / -0.4 | | | | | |
| S = 1.5H | | +1.9 / -0.6 | | | | | +2.7 / -0.7 | | | | | |
| S = 2.0H | | +3.1 / -0.8 | | | | | +4.2 / -1.0 | | | | | |
| Standard table | | --- | | | | | --- | | | | | |
| Correction | | --- | | | | | --- | | | | | |
| Summand | | --- | | | | | --- | | | | | |
| Corrected Glare Indices referring to 1000lm Total Luminous Flux | | | | | | | | | | | | |



Fuente de luz (LED) reemplazable por un profesional autorizado

Replaceable (LED only) light source by an authorized professional.

Source lumineuse (LED) remplaçable par un professionnel agréé

Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato

Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann



Equipo de control reemplazable por un profesional autorizado

Replaceable control gear by an authorized professional

Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

Auswechselbares Betriebsgerät durch autorisierten Fachmann

INSTRUCCIONES PARA EL FINAL DE VIDA Y LA ELIMINACIÓN LOS COMPONENTES
INSTRUCTIONS ON END-OF-LIFE AND COMPONENT DISPOSAL
INSTRUCTIONS POUR LA GESTION DES COMPOSANTS EN FIN DE VIE ET LEUR MISE AU REBUT
ISTRUZIONI PER IL FINE VITA E LO SMALTIMENTO DEI COMPONENTI
ANWEISUNGEN ZUR ENTSORGUNG DER LEUCHTENKOMPONENTEN



Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho
Remove light source(s) for disposal
Retirer la (les) source(s) lumineuse(s) pour l'élimination
Rimuovere la/le sorgente/e di luce per lo smaltimento
Lichtquelle(n) zur Entsorgung entfernen



Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho
Remove control gear for disposal
Retirer le dispositif de commande pour l'élimination
Rimuovere l'alimentatore per lo smaltimento
Betriebsgerät zur Entsorgung ausbauen

Enviar los materiales a un centro de recogida RAEE
Send the materials to a WEEE collection centre
Envoyer les matériaux dans une déchetterie DEEE
Inviare i materiali ad un centro di raccolta RAEE
Die Materialien in einem WEEE-Zentrum entsorgen

