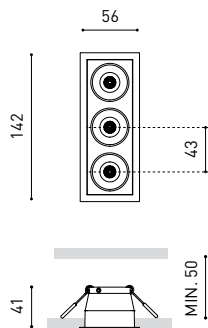




## DIMENSIONES



## PREMIOS



|            |                                  |
|------------|----------------------------------|
| Nombre     | BLACK FOSTER REC 3 FLOOD 3000K N |
| Referencia | A3193011N                        |
| Color      | Negro Mate                       |
| RAL        | 9005                             |
| Categoría  | CEILING RECESSED                 |

## PRODUCTO

|                                  |                           |
|----------------------------------|---------------------------|
| Tipo                             | LED                       |
| Flujo Luminoso                   | 630 Lm                    |
| Potencia                         | 6,3 W                     |
| Potencia del sistema             | 7,00 W                    |
| Temperatura de color             | 3000 K                    |
| Índice de reproducción cromática | CRI>90                    |
| Estabilidad cromática            | MacAdam Step 3            |
| Ángulo del haz de luz            | 38°                       |
| Eficiencia lumínica              | 92%                       |
| Eficacia                         | 100 Lm/W                  |
| Corriente                        | 700 mA                    |
| Control por bluetooth            | Consultar                 |
| Driver                           | Incluido - Conectado      |
| Alimentación de emergencia       | Consultar                 |
| Clase de Seguridad Eléctrica     | <input type="checkbox"/>  |
| Tensión                          | 220 V/240 V               |
| Frecuencia                       | 50/60 Hz                  |
| Eficiencia Energética            | A+                        |
| Horas de Vida del LED            | L80B10 (Tc=85°C) >60.000h |

## FUENTE DE LUZ

## OTROS DATOS

|                          |                                             |
|--------------------------|---------------------------------------------|
| Estanqueidad             | IP20                                        |
| Medidas de empotramiento | 50 × 136 mm.                                |
| Peso                     | 315 g.                                      |
| Peso con embalaje        | 385 g.                                      |
| Dimensiones embalaje     | 168 × 98 × 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

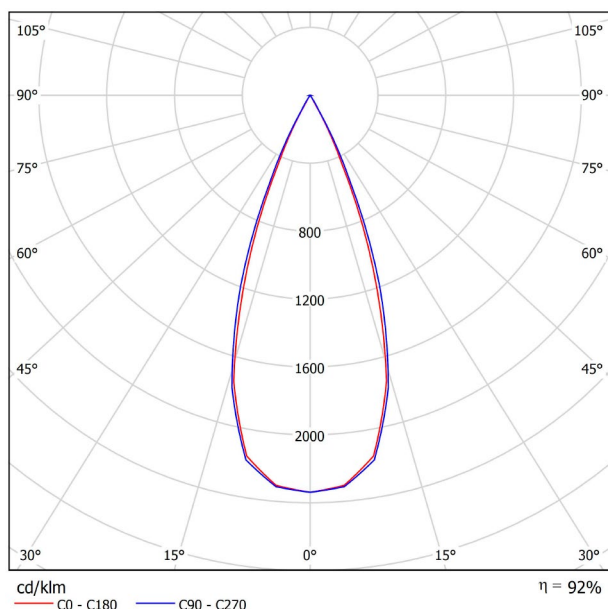
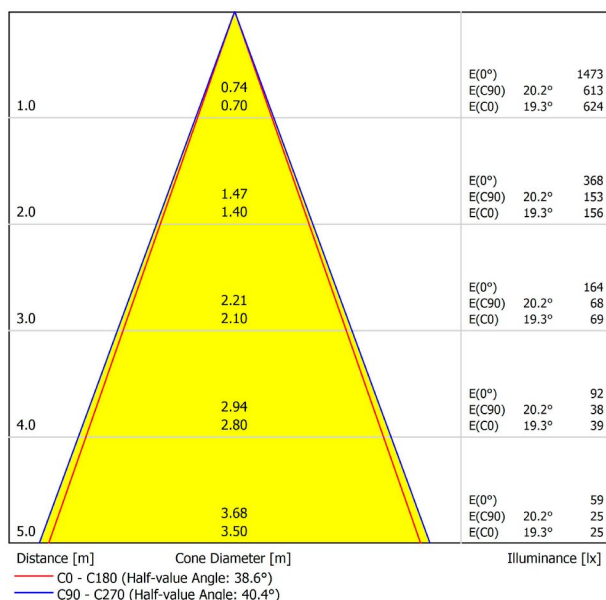


DIAGRAMA CÓNICO



UGR

| Glare Evaluation According to UGR                                |     |                                                   |       |       |       |       |                                            |       |       |       |       |
|------------------------------------------------------------------|-----|---------------------------------------------------|-------|-------|-------|-------|--------------------------------------------|-------|-------|-------|-------|
| ρ Ceiling                                                        |     | 70                                                | 70    | 50    | 50    | 30    | 70                                         | 70    | 50    | 50    | 30    |
| ρ Walls                                                          |     | 50                                                | 30    | 50    | 30    | 30    | 50                                         | 30    | 50    | 30    | 30    |
| ρ Floor                                                          |     | 20                                                | 20    | 20    | 20    | 20    | 20                                         | 20    | 20    | 20    | 20    |
| Room Size<br>X      Y                                            |     | Viewing direction at right angles<br>to lamp axis |       |       |       |       | Viewing direction parallel<br>to lamp axis |       |       |       |       |
| 2H                                                               | 2H  | -11.4                                             | -10.8 | -11.2 | -10.6 | -10.4 | -11.5                                      | -10.8 | -11.2 | -10.7 | -10.5 |
|                                                                  | 3H  | -6.4                                              | -5.9  | -6.2  | -5.6  | -5.4  | -5.5                                       | -4.9  | -5.3  | -4.7  | -4.5  |
|                                                                  | 4H  | -3.4                                              | -2.9  | -3.1  | -2.6  | -2.4  | -2.2                                       | -1.6  | -1.9  | -1.4  | -1.1  |
|                                                                  | 6H  | -0.0                                              | 0.5   | 0.3   | 0.8   | 1.1   | 1.4                                        | 1.9   | 1.7   | 2.2   | 2.5   |
|                                                                  | 8H  | 1.8                                               | 2.2   | 2.1   | 2.5   | 2.8   | 3.2                                        | 3.7   | 3.6   | 4.0   | 4.3   |
| 4H                                                               | 12H | 3.7                                               | 4.1   | 4.0   | 4.4   | 4.7   | 5.2                                        | 5.6   | 5.5   | 5.9   | 6.2   |
|                                                                  | 2H  | -9.8                                              | -9.2  | -9.5  | -9.0  | -8.7  | -9.8                                       | -9.2  | -9.5  | -9.0  | -8.7  |
|                                                                  | 3H  | -4.7                                              | -4.2  | -4.3  | -3.9  | -3.6  | -4.0                                       | -3.5  | -3.6  | -3.2  | -2.9  |
|                                                                  | 4H  | -1.6                                              | -1.2  | -1.3  | -0.9  | -0.6  | -0.6                                       | -0.2  | -0.2  | 0.1   | 0.5   |
|                                                                  | 6H  | 1.9                                               | 2.2   | 2.3   | 2.5   | 2.9   | 3.1                                        | 3.4   | 3.5   | 3.8   | 4.2   |
| 8H                                                               | 12H | 5.7                                               | 5.9   | 6.1   | 6.3   | 6.8   | 7.1                                        | 7.3   | 7.5   | 7.7   | 8.1   |
|                                                                  | 4H  | -0.4                                              | -0.1  | 0.0   | 0.3   | 0.7   | 0.4                                        | 0.7   | 0.8   | 1.0   | 1.4   |
|                                                                  | 6H  | 3.3                                               | 3.5   | 3.7   | 3.9   | 4.3   | 4.2                                        | 4.5   | 4.7   | 4.9   | 5.3   |
|                                                                  | 8H  | 5.2                                               | 5.4   | 5.7   | 5.9   | 6.3   | 6.3                                        | 6.5   | 6.8   | 6.9   | 7.4   |
|                                                                  | 12H | 7.4                                               | 7.5   | 7.9   | 8.0   | 8.5   | 8.6                                        | 8.7   | 9.0   | 9.2   | 9.7   |
| 12H                                                              | 4H  | 0.2                                               | 0.4   | 0.6   | 0.8   | 1.2   | 0.7                                        | 1.0   | 1.2   | 1.4   | 1.8   |
|                                                                  | 6H  | 3.8                                               | 4.0   | 4.3   | 4.4   | 4.9   | 4.6                                        | 4.8   | 5.1   | 5.3   | 5.7   |
|                                                                  | 8H  | 5.9                                               | 6.0   | 6.3   | 6.5   | 7.0   | 6.8                                        | 6.9   | 7.3   | 7.4   | 7.9   |
| Variation of the observer position for the luminaire distances S |     |                                                   |       |       |       |       |                                            |       |       |       |       |
| S = 1.0H                                                         |     | +0.7 / -0.3                                       |       |       |       |       | +1.3 / -0.4                                |       |       |       |       |
| S = 1.5H                                                         |     | +1.4 / -0.5                                       |       |       |       |       | +2.7 / -0.7                                |       |       |       |       |
| S = 2.0H                                                         |     | +2.4 / -0.8                                       |       |       |       |       | +4.2 / -0.9                                |       |       |       |       |
| Standard table                                                   |     | ---                                               |       |       |       |       | ---                                        |       |       |       |       |
| Correction                                                       |     | ---                                               |       |       |       |       | ---                                        |       |       |       |       |
| Summand                                                          |     | ---                                               |       |       |       |       | ---                                        |       |       |       |       |
| Corrected Glare Indices referring to 630lm Total Luminous Flux   |     |                                                   |       |       |       |       |                                            |       |       |       |       |