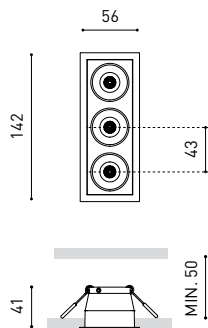




## DIMENSIONES



## PREMIOS



|            |                                  |
|------------|----------------------------------|
| Nombre     | BLACK FOSTER REC 3 FLOOD 4000K N |
| Referencia | A3193012N                        |
| Color      | Negro Mate                       |
| RAL        | 9005                             |
| Categoría  | CEILING RECESSED                 |

## PRODUCTO

|                                  |                           |
|----------------------------------|---------------------------|
| Tipo                             | LED                       |
| Flujo Luminoso                   | 750 Lm                    |
| Potencia                         | 6,3 W                     |
| Potencia del sistema             | 7,00 W                    |
| Temperatura de color             | 4000 K                    |
| Índice de reproducción cromática | CRI>90                    |
| Estabilidad cromática            | MacAdam Step 3            |
| Ángulo del haz de luz            | 38°                       |
| Eficiencia lumínica              | 92%                       |
| Eficacia                         | 119 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

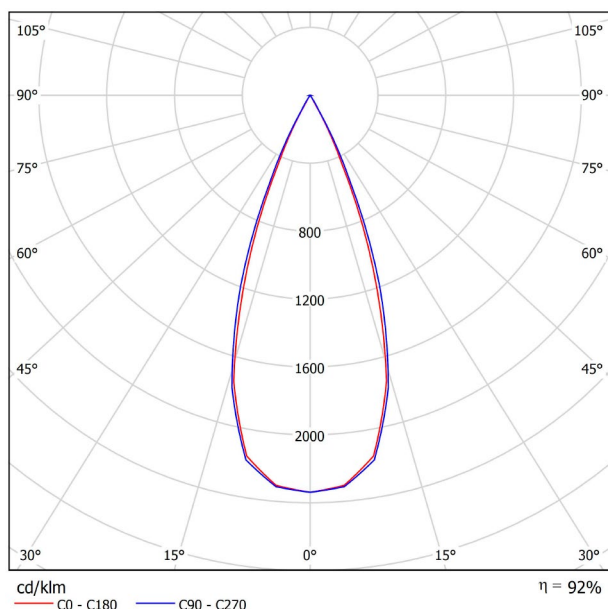
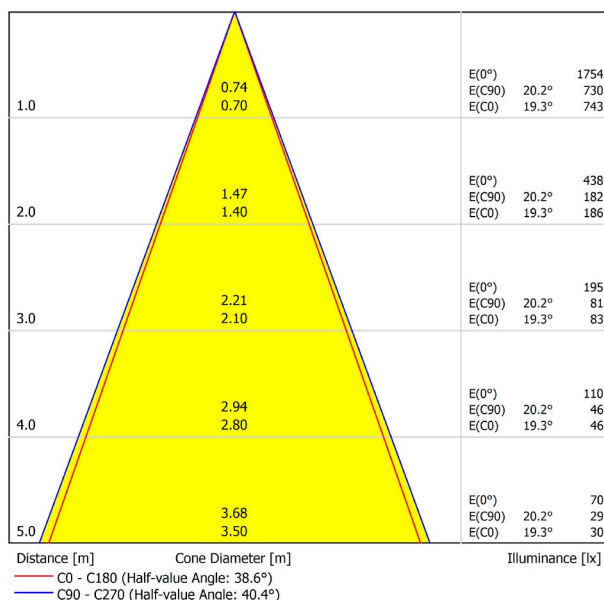


DIAGRAMA CÓNICO



UGR

| Glare Evaluation According to UGR                                |     |                                                   |       |       |       |      |                                            |       |       |       |      |
|------------------------------------------------------------------|-----|---------------------------------------------------|-------|-------|-------|------|--------------------------------------------|-------|-------|-------|------|
| p Ceiling                                                        |     | 70                                                | 70    | 50    | 50    | 30   | 70                                         | 70    | 50    | 50    | 30   |
| p Walls                                                          |     | 50                                                | 30    | 50    | 30    | 30   | 50                                         | 30    | 50    | 30    | 30   |
| p 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  | -10.8                                             | -10.2 | -10.6 | -10.0 | -9.8 | -10.9                                      | -10.2 | -10.6 | -10.0 | -9.9 |
|                                                                  | 3H  | -5.8                                              | -5.3  | -5.6  | -5.0  | -4.8 | -4.9                                       | -4.3  | -4.6  | -4.1  | -3.9 |
|                                                                  | 4H  | -2.8                                              | -2.3  | -2.5  | -2.0  | -1.8 | -1.6                                       | -1.0  | -1.3  | -0.8  | -0.5 |
|                                                                  | 6H  | 0.6                                               | 1.1   | 0.9   | 1.4   | 1.7  | 2.0                                        | 2.5   | 2.4   | 2.8   | 3.1  |
|                                                                  | 8H  | 2.4                                               | 2.9   | 2.7   | 3.1   | 3.4  | 3.8                                        | 4.3   | 4.2   | 4.6   | 4.9  |
| 4H                                                               | 12H | 4.3                                               | 4.7   | 4.6   | 5.0   | 5.3  | 5.8                                        | 6.2   | 6.1   | 6.5   | 6.9  |
|                                                                  | 2H  | -9.1                                              | -8.6  | -8.8  | -8.3  | -8.1 | -9.2                                       | -8.6  | -8.9  | -8.4  | -8.1 |
|                                                                  | 3H  | -4.1                                              | -3.6  | -3.7  | -3.3  | -3.0 | -3.3                                       | -2.9  | -3.0  | -2.6  | -2.3 |
|                                                                  | 4H  | -1.0                                              | -0.6  | -0.6  | -0.3  | 0.0  | 0.0                                        | 0.4   | 0.4   | 0.7   | 1.1  |
|                                                                  | 6H  | 2.5                                               | 2.8   | 2.9   | 3.1   | 3.5  | 3.7                                        | 4.0   | 4.1   | 4.4   | 4.8  |
| 8H                                                               | 8H  | 4.3                                               | 4.6   | 4.7   | 5.0   | 5.4  | 5.6                                        | 5.9   | 6.0   | 6.3   | 6.7  |
|                                                                  | 12H | 6.3                                               | 6.5   | 6.7   | 6.9   | 7.4  | 7.7                                        | 7.9   | 8.1   | 8.3   | 8.7  |
|                                                                  | 4H  | 0.2                                               | 0.5   | 0.7   | 0.9   | 1.3  | 1.0                                        | 1.3   | 1.4   | 1.6   | 2.0  |
|                                                                  | 6H  | 3.9                                               | 4.1   | 4.3   | 4.5   | 4.9  | 4.9                                        | 5.1   | 5.3   | 5.5   | 5.9  |
|                                                                  | 8H  | 5.8                                               | 6.0   | 6.3   | 6.5   | 6.9  | 6.9                                        | 7.1   | 7.4   | 7.5   | 8.0  |
| 12H                                                              | 12H | 8.0                                               | 8.1   | 8.5   | 8.6   | 9.1  | 9.2                                        | 9.3   | 9.7   | 9.8   | 10.3 |
|                                                                  | 4H  | 0.8                                               | 1.0   | 1.2   | 1.4   | 1.9  | 1.3                                        | 1.6   | 1.8   | 2.0   | 2.4  |
|                                                                  | 6H  | 4.4                                               | 4.6   | 4.9   | 5.0   | 5.5  | 5.2                                        | 5.4   | 5.7   | 5.9   | 6.3  |
|                                                                  | 8H  | 6.5                                               | 6.6   | 7.0   | 7.1   | 7.6  | 7.4                                        | 7.5   | 7.9   | 8.0   | 8.5  |
| 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 750lm Total Luminous Flux   |     |                                                   |       |       |       |      |                                            |       |       |       |      |