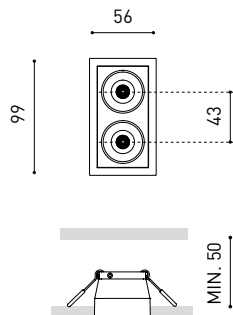




## DIMENSIONES



## PREMIOS



|            |                            |
|------------|----------------------------|
| Nombre     | BLACK FOSTER REC 2 2700K N |
| Referencia | A3192010N                  |
| Color      | Negro Mate                 |
| RAL        | 9005                       |
| Categoría  | CEILING RECESSED           |

## PRODUCTO

BLACK FOSTER REC 2 2700K N


A3192010N

Negro Mate

9005

CEILING RECESSED

## INFORMACIÓN LUMÍNICA

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| Fuente de Luz                    | LED                                                                                  |
| Flujo Lumínico                   | 380 Lm                                                                               |
| Potencia                         | 4,2 W                                                                                |
| Potencia del sistema             | 4,67 W                                                                               |
| Temperatura de color             | 2700 K                                                                               |
| Índice de reproducción cromática | CRI>90                                                                               |
| Estabilidad cromática            | Mac Adam Step 3                                                                      |
| Ángulo del haz de luz            | 38°                                                                                  |
| Índice de deslumbramiento        | UGR<19                                                                               |
| Eficiencia lumínica              | 90%                                                                                  |
| Eficacia                         | 90 Lm/W                                                                              |
| Intensidad de corriente          | 700 mA                                                                               |
| Control por bluetooth            | Consultar                                                                            |
| Driver                           | Incluido - Conectado                                                                 |
| Alimentación de emergencia       | Consultar                                                                            |
| Clase de Seguridad Eléctrica     |  |
| Tensión                          | 220 V/240 V                                                                          |
| Frecuencia                       | 50/60 Hz                                                                             |
| Eficiencia Energética            | A+                                                                                   |
| Horas de Vida del LED            | L80B10 (Tc=85°C) >60.000h                                                            |

## OTROS DATOS

|                          |                                                             |
|--------------------------|-------------------------------------------------------------|
| Estanqueidad             | IP20                                                        |
| Medidas de empotramiento | 50 × 93 mm.                                                 |
| Peso                     | 155 g.                                                      |
| Peso con embalaje        | 225 g.                                                      |
| Dimensiones embalaje     | 158 × 98 × 50 mm.                                           |
| Unidades por embalaje    | 1                                                           |
| Materiales               | Aluminio / Acrilonitrilo Butadieno Estireno / Policarbonato |



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

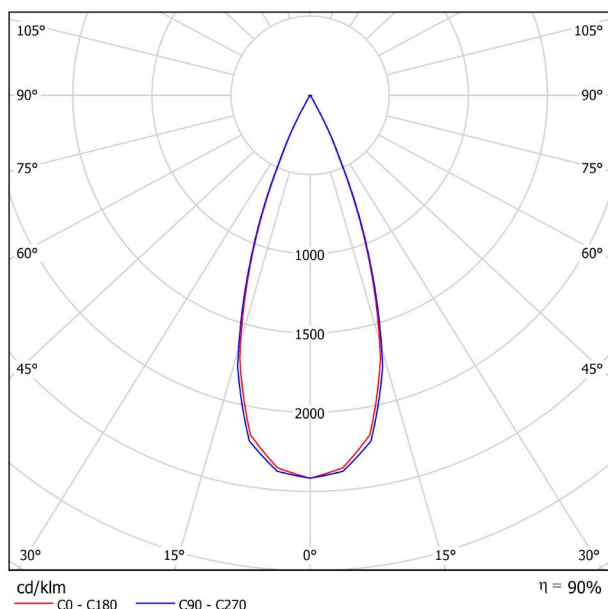
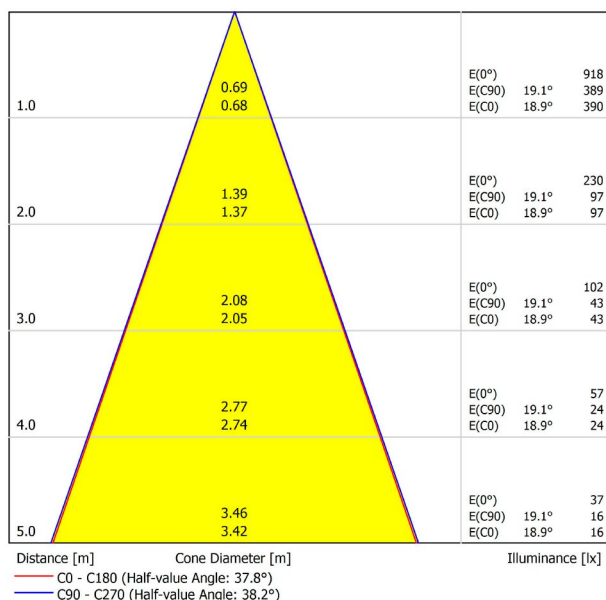


DIAGRAMA CÓNICO



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  | -10.9                                             | -10.3 | -10.7 | -10.1 | -9.9 | -10.6                                      | -9.9 | -10.3 | -9.7 | -9.5 |  |
|                                                                  | 3H  | -5.9                                              | -5.3  | -5.6  | -5.1  | -4.9 | -5.6                                       | -5.1 | -5.4  | -4.8 | -4.6 |  |
|                                                                  | 4H  | -3.0                                              | -2.5  | -2.7  | -2.2  | -2.0 | -2.6                                       | -2.0 | -2.3  | -1.8 | -1.5 |  |
|                                                                  | 6H  | 0.5                                               | 1.0   | 0.8   | 1.3   | 1.5  | 0.7                                        | 1.2  | 1.1   | 1.5  | 1.8  |  |
|                                                                  | 8H  | 2.3                                               | 2.8   | 2.7   | 3.1   | 3.4  | 2.5                                        | 3.0  | 2.8   | 3.3  | 3.6  |  |
|                                                                  | 12H | 4.3                                               | 4.8   | 4.7   | 5.1   | 5.4  | 4.5                                        | 4.9  | 4.8   | 5.2  | 5.5  |  |
| 4H                                                               | 2H  | -9.3                                              | -8.8  | -9.0  | -8.5  | -8.3 | -9.1                                       | -8.5 | -8.8  | -8.3 | -8.0 |  |
|                                                                  | 3H  | -4.1                                              | -3.6  | -3.8  | -3.3  | -3.0 | -3.9                                       | -3.5 | -3.6  | -3.2 | -2.8 |  |
|                                                                  | 4H  | -1.1                                              | -0.7  | -0.7  | -0.4  | -0.0 | -0.7                                       | -0.4 | -0.4  | -0.0 | 0.3  |  |
|                                                                  | 6H  | 2.4                                               | 2.7   | 2.8   | 3.1   | 3.5  | 2.6                                        | 2.9  | 3.0   | 3.3  | 3.7  |  |
|                                                                  | 8H  | 4.3                                               | 4.6   | 4.7   | 5.0   | 5.4  | 4.4                                        | 4.7  | 4.8   | 5.1  | 5.5  |  |
|                                                                  | 12H | 6.4                                               | 6.6   | 6.8   | 7.0   | 7.5  | 6.5                                        | 6.7  | 6.9   | 7.1  | 7.6  |  |
| 8H                                                               | 4H  | 0.3                                               | 0.5   | 0.7   | 0.9   | 1.3  | 0.5                                        | 0.8  | 0.9   | 1.2  | 1.6  |  |
|                                                                  | 6H  | 3.9                                               | 4.1   | 4.3   | 4.5   | 5.0  | 4.0                                        | 4.2  | 4.5   | 4.7  | 5.1  |  |
|                                                                  | 8H  | 5.9                                               | 6.1   | 6.4   | 6.5   | 7.0  | 6.0                                        | 6.2  | 6.4   | 6.6  | 7.1  |  |
|                                                                  | 12H | 8.1                                               | 8.3   | 8.6   | 8.7   | 9.2  | 8.2                                        | 8.3  | 8.7   | 8.8  | 9.3  |  |
| 12H                                                              | 4H  | 0.7                                               | 1.0   | 1.2   | 1.4   | 1.8  | 0.9                                        | 1.2  | 1.4   | 1.6  | 2.0  |  |
|                                                                  | 6H  | 4.4                                               | 4.6   | 4.9   | 5.0   | 5.5  | 4.5                                        | 4.7  | 5.0   | 5.2  | 5.6  |  |
|                                                                  | 8H  | 6.5                                               | 6.7   | 7.0   | 7.1   | 7.6  | 6.6                                        | 6.7  | 7.1   | 7.2  | 7.7  |  |
| Variation of the observer position for the luminaire distances S |     |                                                   |       |       |       |      |                                            |      |       |      |      |  |
| S = 1.0H                                                         |     | +0.5 / -0.3                                       |       |       |       |      | +0.6 / -0.3                                |      |       |      |      |  |
| S = 1.5H                                                         |     | +1.1 / -0.5                                       |       |       |       |      | +1.3 / -0.5                                |      |       |      |      |  |
| S = 2.0H                                                         |     | +1.9 / -0.8                                       |       |       |       |      | +2.3 / -0.8                                |      |       |      |      |  |
| Standard table                                                   |     | ---                                               |       |       |       |      | ---                                        |      |       |      |      |  |
| Correction                                                       |     | ---                                               |       |       |       |      | ---                                        |      |       |      |      |  |
| Summand                                                          |     | ---                                               |       |       |       |      | ---                                        |      |       |      |      |  |
| Corrected Glare Indices referring to 380lm Total Luminous Flux   |     |                                                   |       |       |       |      |                                            |      |       |      |      |  |