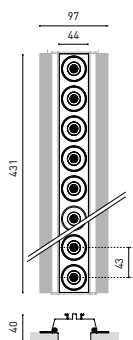




## DIMENSIONES



## PREMIOS



|            |                                      |
|------------|--------------------------------------|
| Nombre     | BLACK FOSTER TRI 10 DIM PUSH 3000K N |
| Referencia | A3185021N                            |
| Color      | Negro Mate                           |
| Color RAL  | 9005                                 |
| Categoría  | CEILING RECESSED                     |

## PRODUCTO

BLACK FOSTER TRI 10 DIM PUSH 3000K N

A3185021N

Negro Mate

9005

CEILING RECESSED

## INFORMACIÓN LUMÍNICA

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| Fuente de Luz                    | LED                                                                                  |
| Flujo Lumínico                   | 2100 Lm                                                                              |
| Potencia                         | 21 W                                                                                 |
| Potencia del sistema             | 24,98 W                                                                              |
| Temperatura de color             | 3000 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                         | 100 Lm/W                                                                             |
| Intensidad de corriente          | 700 mA                                                                               |
| Regulación                       | Push                                                                                 |
| 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 × 437 mm.                                                |
| Peso                     | 810 g.                                                      |
| Peso con embalaje        | 1135 g.                                                     |
| Dimensiones embalaje     | D105 × 580 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

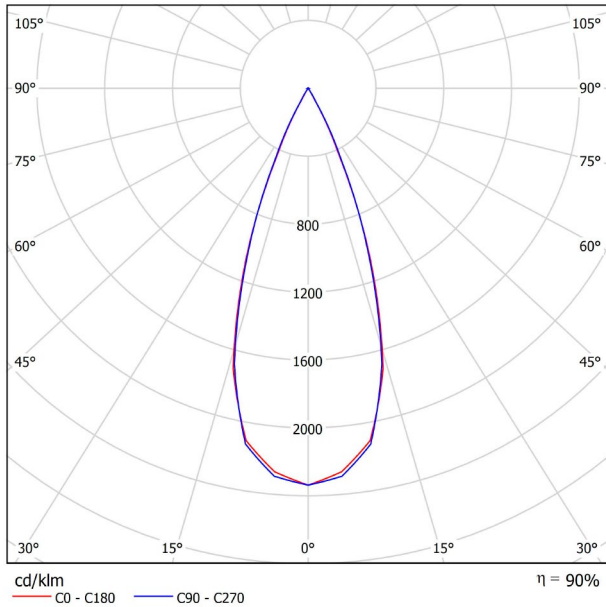
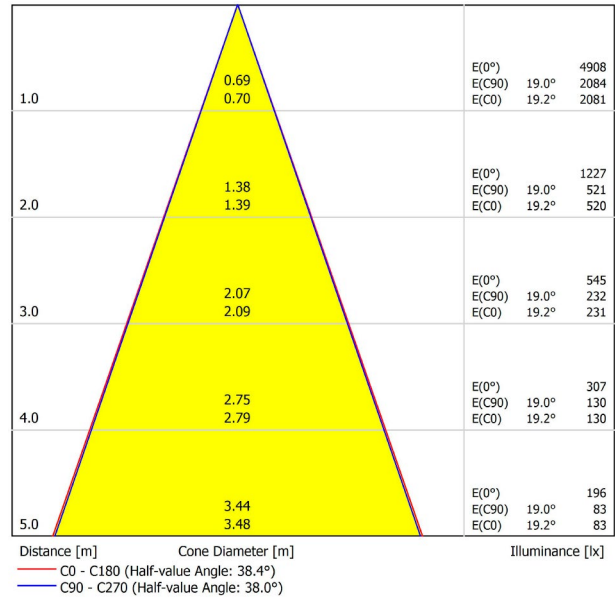


DIAGRAMA CÓNICO



UGR

| Glare Evaluation According to UGR                               |                                                                  |                                                   |       |       |       |       |                                            |       |       |       |       |  |
|-----------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------|-------|-------|-------|-------|--------------------------------------------|-------|-------|-------|-------|--|
| 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<br>Y                                             |                                                                  | Viewing direction at right angles<br>to lamp axis |       |       |       |       | Viewing direction parallel<br>to lamp axis |       |       |       |       |  |
| 2H                                                              | 2H                                                               | -13.6                                             | -12.9 | -13.3 | -12.7 | -12.5 | -14.4                                      | -13.7 | -14.1 | -13.6 | -13.4 |  |
|                                                                 | 3H                                                               | -7.3                                              | -6.7  | -7.0  | -6.4  | -6.2  | -7.1                                       | -6.5  | -6.8  | -6.3  | -6.1  |  |
|                                                                 | 4H                                                               | -3.7                                              | -3.2  | -3.4  | -2.9  | -2.7  | -3.2                                       | -2.6  | -2.9  | -2.4  | -2.1  |  |
|                                                                 | 6H                                                               | -0.1                                              | 0.4   | 0.2   | 0.7   | 1.0   | 0.3                                        | 0.8   | 0.6   | 1.1   | 1.4   |  |
|                                                                 | 8H                                                               | 1.8                                               | 2.2   | 2.1   | 2.5   | 2.8   | 2.1                                        | 2.6   | 2.4   | 2.9   | 3.2   |  |
| 4H                                                              | 12H                                                              | 3.7                                               | 4.2   | 4.1   | 4.5   | 4.8   | 4.1                                        | 4.6   | 4.5   | 4.9   | 5.2   |  |
|                                                                 | 2H                                                               | -11.0                                             | -10.4 | -10.7 | -10.2 | -9.9  | -11.3                                      | -10.8 | -11.0 | -10.5 | -10.3 |  |
|                                                                 | 3H                                                               | -5.0                                              | -4.6  | -4.7  | -4.3  | -3.9  | -4.8                                       | -4.4  | -4.5  | -4.1  | -3.8  |  |
|                                                                 | 4H                                                               | -1.6                                              | -1.2  | -1.2  | -0.9  | -0.5  | -1.1                                       | -0.7  | -0.8  | -0.4  | -0.1  |  |
|                                                                 | 6H                                                               | 2.0                                               | 2.3   | 2.4   | 2.7   | 3.0   | 2.3                                        | 2.6   | 2.7   | 3.0   | 3.3   |  |
| 8H                                                              | 8H                                                               | 3.8                                               | 4.1   | 4.3   | 4.5   | 4.9   | 4.1                                        | 4.4   | 4.5   | 4.8   | 5.2   |  |
|                                                                 | 12H                                                              | 5.9                                               | 6.1   | 6.3   | 6.5   | 6.9   | 6.2                                        | 6.4   | 6.6   | 6.8   | 7.3   |  |
|                                                                 | 4H                                                               | -0.0                                              | 0.2   | 0.4   | 0.6   | 1.0   | 0.2                                        | 0.5   | 0.7   | 0.9   | 1.3   |  |
|                                                                 | 6H                                                               | 3.6                                               | 3.8   | 4.0   | 4.2   | 4.7   | 3.8                                        | 4.0   | 4.2   | 4.4   | 4.9   |  |
|                                                                 | 8H                                                               | 5.6                                               | 5.7   | 6.0   | 6.2   | 6.6   | 5.8                                        | 5.9   | 6.2   | 6.4   | 6.9   |  |
| 12H                                                             | 12H                                                              | 7.7                                               | 7.9   | 8.2   | 8.3   | 8.8   | 8.0                                        | 8.1   | 8.5   | 8.6   | 9.1   |  |
|                                                                 | 4H                                                               | 0.5                                               | 0.7   | 0.9   | 1.1   | 1.5   | 0.7                                        | 1.0   | 1.1   | 1.4   | 1.8   |  |
|                                                                 | 6H                                                               | 4.2                                               | 4.4   | 4.7   | 4.8   | 5.3   | 4.4                                        | 4.5   | 4.8   | 5.0   | 5.4   |  |
|                                                                 | 8H                                                               | 6.3                                               | 6.4   | 6.7   | 6.9   | 7.4   | 6.4                                        | 6.6   | 6.9   | 7.0   | 7.5   |  |
|                                                                 | 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 2100lm Total Luminous Flux |                                                                  |                                                   |       |       |       |       |                                            |       |       |       |       |  |