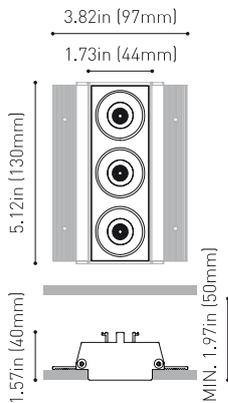




DIMENSIONS



AWARDS



PRODUCT

| | |
|-----------|-------------------------------------|
| Name | BLACK FOSTER TRI 3 UL FLOOD 3500K N |
| Reference | U3183013N |
| Color | Matt black |
| Category | CEILING RECESSED |

LIGHT SOURCE

| | |
|-----------------------|--------------------------------------|
| Type | LED |
| Gross luminous flux | Depending on Mounting Accessories Lm |
| Color temperature | 3500 K |
| Chromatic stability | MacAdam Step 3 |
| Color Rendering Index | CRI>90 |
| Power | Depending on Mounting Accessories W |
| Current | Depending on Mounting Accessories mA |
| LED lifespan | L90B10>102.000h |

LIGHTING FIXTURE | PHOTOMETRIC DATA

| | |
|-------------------------|------|
| Lighting efficiency | 92% |
| Delivered luminous flux | 0 Lm |
| Light beam angle | 38° |

LIGHTING FIXTURE | ELECTRICAL DATA

| | |
|----------------------------|-----------------------------------|
| Driver | Requires remote driver |
| Power values of the system | W |
| Frequency | Depending on Mounting Accessories |
| Dimming | Depending on Mounting Accessories |

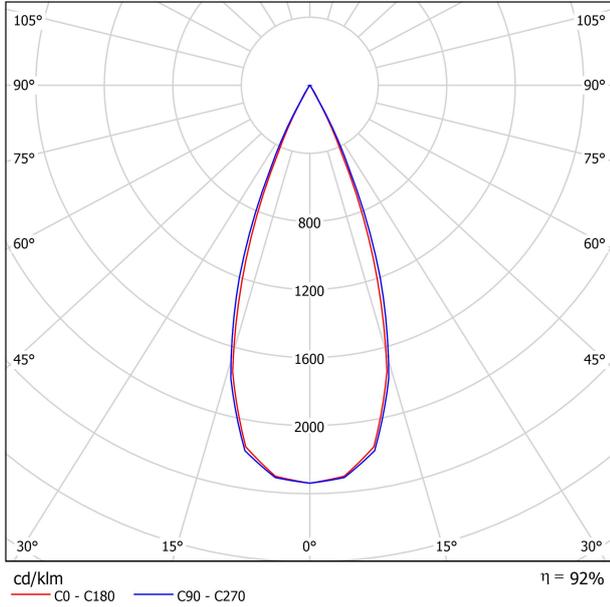
OTHER DATA

| | |
|------------------------|---|
| IC Rated | Yes |
| Environmental location | DAMP |
| Recess measurements | 1.97 x 5.35 50 x 136 |
| Weight | 0.48 lb 219 gr |
| Packaged weight | 0.70 lb 314 gr |
| Packaging dimensions | 8.35x6.10x2.87 in 212x155x73 mm |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

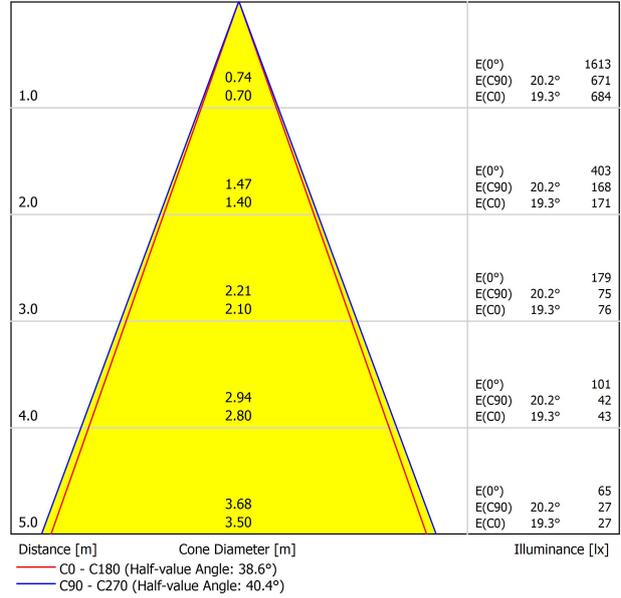


Black Foster is our lineal recessed luminaire with "The invisible black" effect, also available in a trimless version. Hiding the source of light, Black Foster stands out for its visual comfort and its elegance.

POLAR DIAGRAM



CONICAL DIAGRAM



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 X Y | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | | |
| 2H | 2H | -3.1 | -2.5 | -2.9 | -2.3 | -2.1 | 0.6 | 1.2 | 0.9 | 1.4 | 1.6 |
| | 3H | -2.3 | -1.7 | -2.0 | -1.5 | -1.2 | 1.0 | 1.6 | 1.3 | 1.8 | 2.0 |
| | 4H | -1.0 | -0.5 | -0.7 | -0.2 | 0.0 | 1.8 | 2.3 | 2.1 | 2.6 | 2.8 |
| | 6H | 1.2 | 1.7 | 1.5 | 2.0 | 2.3 | 3.4 | 3.9 | 3.7 | 4.2 | 4.5 |
| | 8H | 2.6 | 3.1 | 3.0 | 3.4 | 3.7 | 4.6 | 5.1 | 5.0 | 5.4 | 5.7 |
| 12H | 4.3 | 4.8 | 4.7 | 5.1 | 5.4 | 6.2 | 6.6 | 6.5 | 6.9 | 7.2 | |
| 4H | 2H | -3.0 | -2.5 | -2.7 | -2.2 | -2.0 | 0.5 | 1.1 | 0.8 | 1.3 | 1.6 |
| | 3H | -1.7 | -1.2 | -1.3 | -0.9 | -0.6 | 1.2 | 1.6 | 1.5 | 1.9 | 2.2 |
| | 4H | 0.0 | 0.4 | 0.4 | 0.8 | 1.1 | 2.3 | 2.7 | 2.7 | 3.0 | 3.4 |
| | 6H | 2.7 | 3.0 | 3.1 | 3.4 | 3.8 | 4.5 | 4.8 | 4.9 | 5.2 | 5.6 |
| | 8H | 4.3 | 4.6 | 4.8 | 5.0 | 5.4 | 6.0 | 6.3 | 6.4 | 6.7 | 7.1 |
| 12H | 6.2 | 6.5 | 6.6 | 6.9 | 7.3 | 7.8 | 8.0 | 8.2 | 8.4 | 8.9 | |
| 8H | 4H | 0.9 | 1.2 | 1.4 | 1.6 | 2.0 | 2.8 | 3.1 | 3.2 | 3.4 | 3.8 |
| | 6H | 4.0 | 4.2 | 4.4 | 4.6 | 5.0 | 5.4 | 5.6 | 5.8 | 6.0 | 6.5 |
| | 8H | 5.8 | 6.0 | 6.2 | 6.4 | 6.9 | 7.1 | 7.3 | 7.6 | 7.7 | 8.2 |
| | 12H | 7.9 | 8.0 | 8.3 | 8.5 | 9.0 | 9.2 | 9.3 | 9.6 | 9.8 | 10.3 |
| 12H | 4H | 1.4 | 1.6 | 1.8 | 2.0 | 2.4 | 3.0 | 3.2 | 3.4 | 3.6 | 4.0 |
| | 6H | 4.5 | 4.6 | 4.9 | 5.1 | 5.5 | 5.7 | 5.9 | 6.2 | 6.3 | 6.8 |
| | 8H | 6.4 | 6.5 | 6.9 | 7.0 | 7.5 | 7.5 | 7.7 | 8.0 | 8.1 | 8.6 |
| 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 / -1.0 | | | | | |
| Standard table | --- | | | | | --- | | | | | |
| Correction Summand | --- | | | | | --- | | | | | |
| Corrected Glare Indices referring to 690lm Total Luminous Flux | | | | | | | | | | | |

GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>