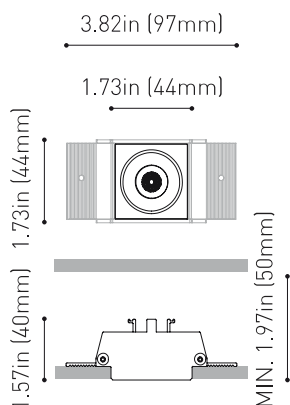




DIMENSIONS



AWARDS



| | |
|-----------|------------------------------------|
| Name | BLACK FOSTER TRI 1 UL SPOT 3000K N |
| Reference | U3181111N |
| Color | Matt black |
| Category | CEILING RECESSED |

PRODUCT

| | |
|-----------------------|--------------------------------------|
| Type | LED |
| Gross luminous flux | Depending on Mounting Accessories Lm |
| Color temperature | 3000 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 |

LIGHT SOURCE

| | |
|-------------------------|------|
| Lighting efficiency | 90% |
| Delivered luminous flux | 0 Lm |
| Light beam angle | 19° |

LIGHTING FIXTURE | PHOTOMETRIC DATA

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

LIGHTING FIXTURE | ELECTRICAL DATA

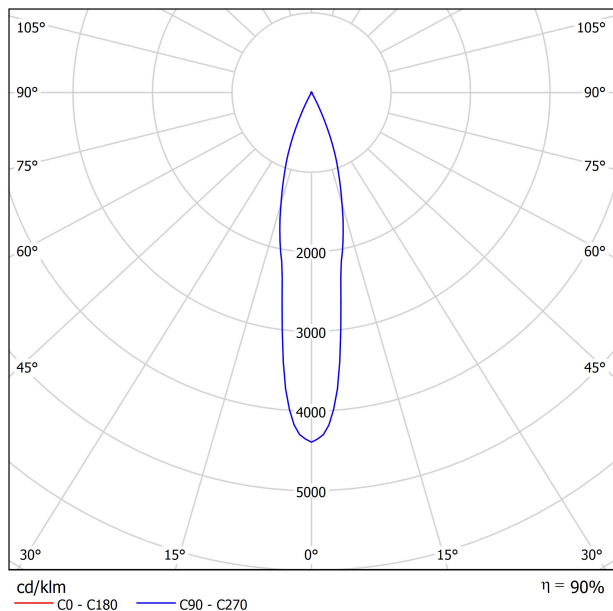
| | |
|------------------------|---|
| IC Rated | Yes |
| Environmental location | DAMP |
| Recess measurements | 1.97 x 1.97 50 x 50 |
| Weight | 0.21 lb 94 gr |
| Packaged weight | 0.31 lb 141 gr |
| Packaging dimensions | 7.60x4.25x2.08 in 193x108x53 mm |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

OTHER DATA

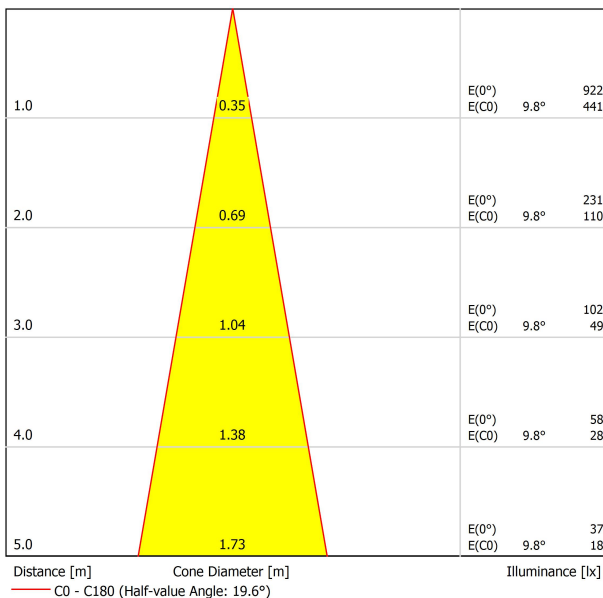


Black Foster is our lineal recessed luminaire with "The invisible black" effect, also available in a trimless version. Hiding the source of light, Black Foster stands out for its visual comfort and its elegance.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR | | | | | | | | | | | | |
|--|-----|---|------|------|------|------|--|------|------|------|------|----|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | 30 |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | 30 |
| p Floor | | 20 | 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 | -3.1 | -2.5 | -2.9 | -2.3 | -2.1 | |
| | 3H | 0.8 | 1.4 | 1.1 | 1.6 | 1.8 | 0.8 | 1.4 | 1.1 | 1.6 | 1.8 | |
| | 4H | 3.2 | 3.8 | 3.5 | 4.0 | 4.3 | 3.2 | 3.8 | 3.5 | 4.0 | 4.3 | |
| | 6H | 5.0 | 5.5 | 5.3 | 5.7 | 6.0 | 5.0 | 5.5 | 5.3 | 5.7 | 6.0 | |
| | 8H | 6.2 | 6.7 | 6.5 | 6.9 | 7.2 | 6.2 | 6.7 | 6.5 | 6.9 | 7.2 | |
| 4H | 12H | 7.5 | 8.0 | 7.9 | 8.3 | 8.6 | 7.5 | 8.0 | 7.9 | 8.3 | 8.6 | |
| | 2H | -1.5 | -0.9 | -1.2 | -0.7 | -0.4 | -1.5 | -0.9 | -1.2 | -0.7 | -0.4 | |
| | 3H | 2.3 | 2.7 | 2.6 | 3.0 | 3.4 | 2.3 | 2.7 | 2.6 | 3.0 | 3.4 | |
| | 4H | 4.7 | 5.1 | 5.1 | 5.4 | 5.8 | 4.7 | 5.1 | 5.1 | 5.4 | 5.8 | |
| | 6H | 6.6 | 6.9 | 7.0 | 7.3 | 7.7 | 6.6 | 6.9 | 7.0 | 7.3 | 7.7 | |
| 8H | 8H | 8.0 | 8.2 | 8.4 | 8.6 | 9.0 | 8.0 | 8.2 | 8.4 | 8.6 | 9.0 | |
| | 12H | 9.4 | 9.7 | 9.8 | 10.0 | 10.5 | 9.4 | 9.7 | 9.8 | 10.0 | 10.5 | |
| | 4H | 5.4 | 5.7 | 5.9 | 6.1 | 6.5 | 5.4 | 5.7 | 5.9 | 6.1 | 6.5 | |
| | 6H | 7.6 | 7.9 | 8.1 | 8.3 | 8.7 | 7.6 | 7.9 | 8.1 | 8.3 | 8.7 | |
| | 8H | 9.2 | 9.4 | 9.7 | 9.8 | 10.3 | 9.2 | 9.4 | 9.7 | 9.8 | 10.3 | |
| 12H | 12H | 10.9 | 11.0 | 11.4 | 11.5 | 12.0 | 10.9 | 11.0 | 11.4 | 11.5 | 12.0 | |
| | 4H | 5.6 | 5.9 | 6.1 | 6.3 | 6.7 | 5.6 | 5.9 | 6.1 | 6.3 | 6.7 | |
| | 6H | 8.0 | 8.2 | 8.5 | 8.6 | 9.1 | 8.0 | 8.2 | 8.5 | 8.6 | 9.1 | |
| | 8H | 9.7 | 9.9 | 10.2 | 10.3 | 10.8 | 9.7 | 9.9 | 10.2 | 10.3 | 10.8 | |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | | |
| S = 1.0H | | +0.1 / -0.2 | | | | | +0.1 / -0.2 | | | | | |
| S = 1.5H | | +0.3 / -0.3 | | | | | +0.3 / -0.3 | | | | | |
| S = 2.0H | | +0.6 / -0.5 | | | | | +0.6 / -0.5 | | | | | |
| Standard table | | --- | | | | | --- | | | | | |
| Correction Summand | | --- | | | | | --- | | | | | |
| Corrected Glare Indices referring to 210lm Total Luminous Flux | | | | | | | | | | | | |

GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>