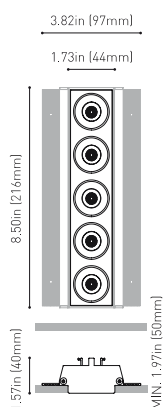




DIMENSIONS



AWARDS



PRODUCT

| | |
|-----------|------------------------------------|
| Name | BLACK FOSTER TRI 5 UL SPOT 4000K N |
| Reference | U3184112N |
| Color | Matt black |
| Category | CEILING RECESSED |

LIGHT SOURCE

| | |
|-----------------------|--------------------------------------|
| Type | LED |
| Gross luminous flux | Depending on Mounting Accessories Lm |
| Color temperature | 4000 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 | 90% |
| Delivered luminous flux | 0 Lm |
| Light beam angle | 19° |

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 8.75 50 x 222 |
| Weight | 0.78 lb 354 gr |
| Packaged weight | 1.03 lb 469 gr |
| Packaging dimensions | 11.61x6.10x2.87 in 295x155x73 mm |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

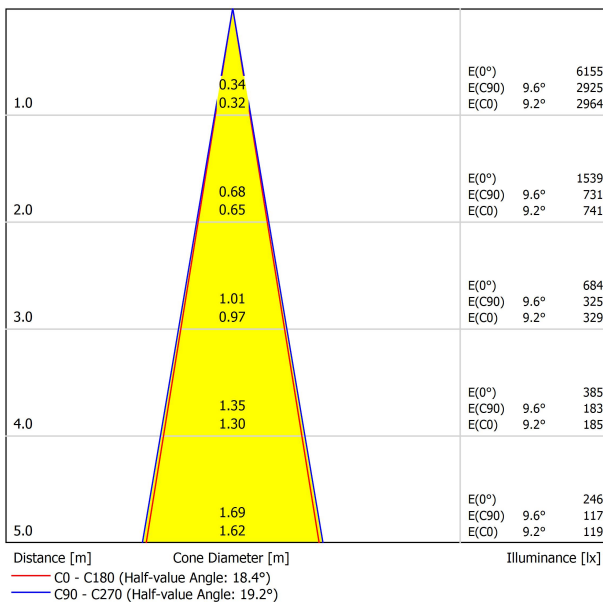


Black Foster is our lineal recessed luminaire with "The invisible black" effect, also available in a trimless version. Hiding the source of light, Black Foster stands out for its visual comfort and its elegance.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR | | | | | | | | | | | | |
|--|---|------|------|------|------|--|------|------|------|------|------|------|
| p Ceiling | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | 70 | 70 |
| p Walls | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | 50 | 30 |
| p Floor | 20 | 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 | 2.9 | 3.5 | 3.1 | 3.7 | 3.9 | 3.7 | 4.4 | 3.9 | 4.6 | 4.7 | 4.7 |
| | 3H | 6.3 | 7.0 | 6.6 | 7.2 | 7.4 | 7.6 | 8.2 | 7.9 | 8.4 | 8.7 | 8.7 |
| | 4H | 8.3 | 8.9 | 8.6 | 9.1 | 9.4 | 9.4 | 10.0 | 9.7 | 10.3 | 10.5 | 10.5 |
| | 6H | 10.5 | 11.1 | 10.9 | 11.4 | 11.6 | 11.7 | 12.3 | 12.0 | 12.5 | 12.8 | 12.8 |
| | 8H | 11.7 | 12.2 | 12.0 | 12.5 | 12.8 | 13.0 | 13.5 | 13.3 | 13.8 | 14.0 | 14.0 |
| 4H | 12H | 13.1 | 13.6 | 13.4 | 13.9 | 14.2 | 14.4 | 14.9 | 14.7 | 15.2 | 15.5 | 15.5 |
| | 2H | 4.2 | 4.8 | 4.5 | 5.0 | 5.3 | 4.8 | 5.4 | 5.1 | 5.6 | 5.9 | 5.9 |
| | 3H | 7.9 | 8.4 | 8.3 | 8.7 | 9.0 | 8.8 | 9.3 | 9.2 | 9.6 | 9.9 | 9.9 |
| | 4H | 10.0 | 10.4 | 10.4 | 10.8 | 11.1 | 10.8 | 11.3 | 11.2 | 11.6 | 11.9 | 11.9 |
| | 6H | 12.3 | 12.7 | 12.7 | 13.0 | 13.4 | 13.3 | 13.6 | 13.7 | 14.0 | 14.4 | 14.4 |
| 8H | 8H | 13.5 | 13.8 | 13.9 | 14.2 | 14.6 | 14.6 | 14.9 | 15.0 | 15.3 | 15.7 | 15.7 |
| | 12H | 15.0 | 15.3 | 15.4 | 15.7 | 16.1 | 16.1 | 16.4 | 16.6 | 16.8 | 17.2 | 17.2 |
| | 4H | 11.0 | 11.3 | 11.4 | 11.7 | 12.1 | 11.6 | 11.9 | 12.0 | 12.3 | 12.7 | 12.7 |
| | 6H | 13.4 | 13.7 | 13.9 | 14.1 | 14.5 | 14.2 | 14.5 | 14.7 | 14.9 | 15.3 | 15.3 |
| | 8H | 14.9 | 15.1 | 15.3 | 15.5 | 16.0 | 15.8 | 16.0 | 16.2 | 16.4 | 16.9 | 16.9 |
| 12H | 12H | 16.5 | 16.7 | 17.0 | 17.1 | 17.6 | 17.5 | 17.7 | 18.0 | 18.1 | 18.6 | 18.6 |
| | 4H | 11.3 | 11.5 | 11.7 | 11.9 | 12.4 | 11.8 | 12.1 | 12.2 | 12.5 | 12.9 | 12.9 |
| | 6H | 13.8 | 14.0 | 14.3 | 14.5 | 14.9 | 14.5 | 14.7 | 15.0 | 15.1 | 15.6 | 15.6 |
| 8H | 15.4 | 15.5 | 15.8 | 16.0 | 16.5 | 16.1 | 16.3 | 16.6 | 16.8 | 17.3 | 17.3 | |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | | |
| S = 1.0H | +0.2 / -0.1 | | | | | +0.2 / -0.1 | | | | | | |
| S = 1.5H | +0.3 / -0.3 | | | | | +0.3 / -0.3 | | | | | | |
| S = 2.0H | +0.5 / -0.5 | | | | | +0.5 / -0.5 | | | | | | |
| Standard table | --- | | | | | --- | | | | | | |
| Correction | --- | | | | | --- | | | | | | |
| Summand | --- | | | | | --- | | | | | | |
| Corrected Glare Indices referring to 1250lm Total Luminous Flux | | | | | | | | | | | | |

GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>