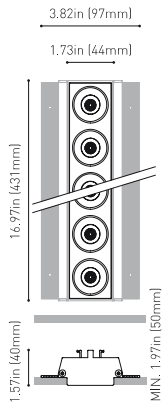




DIMENSIONS



AWARDS



| | |
|-----------|-------------------------------------|
| Name | BLACK FOSTER TRI 10 UL SPOT 2700K N |
| Reference | U3185110N |
| Color | Matt black |
| Category | CEILING RECESSED |

PRODUCT

| | |
|-----------------------|--------------------------------------|
| Type | LED |
| Gross luminous flux | Depending on Mounting Accessories Lm |
| Color temperature | 2700 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 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 17.20 50 x 437 |
| Weight | 1.51 lb 684 gr |
| Packaged weight | 2.22 lb 1009 gr |
| Packaging dimensions | Ø4.13x22.83 in Ø105x580 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 | 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 | 1.8 | 2.5 | 2.1 | 2.7 | 2.9 | 2.7 | 3.3 | 2.9 | 3.5 | 3.7 | 3.7 |
| | 3H | 5.3 | 5.9 | 5.6 | 6.2 | 6.4 | 6.6 | 7.2 | 6.8 | 7.4 | 7.4 | 7.6 |
| | 4H | 7.3 | 7.9 | 7.6 | 8.1 | 8.4 | 8.4 | 9.0 | 8.7 | 9.2 | 9.2 | 9.5 |
| | 6H | 9.5 | 10.1 | 9.8 | 10.3 | 10.6 | 10.7 | 11.2 | 11.0 | 11.5 | 11.5 | 11.8 |
| | 8H | 10.7 | 11.2 | 11.0 | 11.5 | 11.8 | 11.9 | 12.4 | 12.3 | 12.7 | 12.7 | 13.0 |
| | 12H | 12.0 | 12.5 | 12.4 | 12.8 | 13.1 | 13.3 | 13.8 | 13.7 | 14.1 | 14.1 | 14.4 |
| 4H | 2H | 3.2 | 3.8 | 3.5 | 4.0 | 4.3 | 3.7 | 4.3 | 4.0 | 4.6 | 4.8 | 4.8 |
| | 3H | 6.9 | 7.4 | 7.3 | 7.7 | 8.0 | 7.8 | 8.3 | 8.1 | 8.6 | 8.6 | 8.9 |
| | 4H | 9.0 | 9.4 | 9.4 | 9.7 | 10.1 | 9.8 | 10.2 | 10.2 | 10.6 | 10.9 | 10.9 |
| | 6H | 11.3 | 11.6 | 11.7 | 12.0 | 12.4 | 12.2 | 12.6 | 12.6 | 12.9 | 13.3 | 13.3 |
| | 8H | 12.5 | 12.8 | 12.9 | 13.2 | 13.6 | 13.6 | 13.9 | 14.0 | 14.3 | 14.7 | 14.7 |
| | 12H | 14.0 | 14.2 | 14.4 | 14.6 | 15.1 | 15.1 | 15.4 | 15.5 | 15.8 | 16.2 | 16.2 |
| 8H | 4H | 10.0 | 10.3 | 10.4 | 10.7 | 11.1 | 10.6 | 10.9 | 11.0 | 11.3 | 11.7 | 11.7 |
| | 6H | 12.4 | 12.7 | 12.9 | 13.1 | 13.5 | 13.2 | 13.4 | 13.6 | 13.8 | 14.3 | 14.3 |
| | 8H | 13.8 | 14.0 | 14.3 | 14.5 | 14.9 | 14.7 | 14.9 | 15.2 | 15.4 | 15.8 | 15.8 |
| | 12H | 15.5 | 15.6 | 16.0 | 16.1 | 16.6 | 16.5 | 16.6 | 17.0 | 17.1 | 17.6 | 17.6 |
| 12H | 4H | 10.2 | 10.5 | 10.7 | 10.9 | 11.3 | 10.8 | 11.0 | 11.2 | 11.4 | 11.9 | 11.9 |
| | 6H | 12.8 | 13.0 | 13.3 | 13.4 | 13.9 | 13.5 | 13.7 | 13.9 | 14.1 | 14.6 | 14.6 |
| | 8H | 14.3 | 14.5 | 14.8 | 15.0 | 15.4 | 15.1 | 15.3 | 15.6 | 15.7 | 16.2 | 16.2 |
| 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 1900lm Total Luminous Flux | | | | | | | | | | | | |

GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>