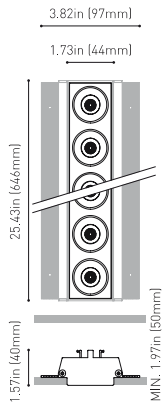




**DIMENSIONS**



**AWARDS**



|                  |                                     |
|------------------|-------------------------------------|
| <b>Name</b>      | BLACK FOSTER TRI 15 UL SPOT 2700K N |
| <b>Reference</b> | U3186110N                           |
| <b>Color</b>     | Matt black                          |
| <b>Category</b>  | CEILING RECESSED                    |

**PRODUCT**

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Type</b>                  | LED                                  |
| <b>Gross luminous flux</b>   | Depending on Mounting Accessories Lm |
| <b>Color temperature</b>     | 2700 K                               |
| <b>Chromatic stability</b>   | MacAdam Step 3                       |
| <b>Color Rendering Index</b> | CRI>90                               |
| <b>Power</b>                 | Depending on Mounting Accessories W  |
| <b>Current</b>               | Depending on Mounting Accessories mA |
| <b>LED lifespan</b>          | L90B10>102.000h                      |

**LIGHT SOURCE**

**LIGHTING FIXTURE | PHOTOMETRIC DATA**

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

**LIGHTING FIXTURE | ELECTRICAL DATA**

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

**OTHER DATA**

|                               |   |
|-------------------------------|---|
| <b>IC Rated</b>               | Yes   |
| <b>Environmental location</b> | DAMP  |
| <b>Recess measurements</b>    | 1.97 x 25.67   50 x 652                                     |
| <b>Weight</b>                 | 2.23 lb   1014 gr   |
| <b>Packaged weight</b>        | 3.30 lb   1484 gr   |
| <b>Packaging dimensions</b>   | Ø4.13x42.52 in   Ø105x1080 mm                               |
| <b>Materials</b>              | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |



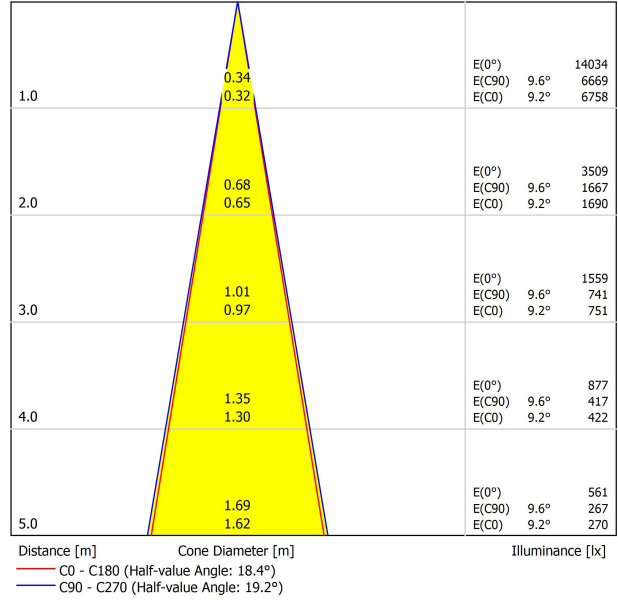
Black Foster is our lineal recessed luminaire with "The invisible black" effect, also available in a trimless version. Hiding the source of light, Black Foster stands out for its visual comfort and its elegance.



POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                |  |   |      |      |      |             |      |      |      |      |      |    |
|--|--|---|------|------|------|-------------|------|------|------|------|------|----|
|  |  | 70                                      | 70   | 50   | 50   | 30          | 70   | 70   | 50   | 50   | 30   | 30 |
| p Ceiling  |  | 50                                      | 30   | 50   | 30   | 30          | 50   | 30   | 50   | 30   | 30   | 30 |
| p Walls  |  | 20                                      | 20   | 20   | 20   | 20          | 20   | 20   | 20   | 20   | 20   | 20 |
| p Floor  |  | 20                                      | 20   | 20   | 20   | 20          | 20   | 20   | 20   | 20   | 20   | 20 |
| Room Size  | Viewing direction at right angles to lamp axis | Viewing direction parallel to lamp axis |      |      |      |             |      |      |      |      |      |    |
| X Y  |  |   |      |      |      |             |      |      |      |      |      |    |
| 2H   | 2H   | 1.8                                     | 2.5  | 2.0  | 2.7  | 2.9         | 2.6  | 3.3  | 2.9  | 3.5  | 3.7  |    |
|  | 3H   | 5.3                                     | 5.9  | 5.6  | 6.1  | 6.4         | 6.5  | 7.2  | 6.8  | 7.4  | 7.6  |    |
|  | 4H   | 7.3                                     | 7.8  | 7.6  | 8.1  | 8.3         | 8.4  | 9.0  | 8.7  | 9.2  | 9.5  |    |
|  | 6H   | 9.5                                     | 10.0 | 9.8  | 10.3 | 10.6        | 10.7 | 11.2 | 11.0 | 11.5 | 11.8 |    |
|  | 8H   | 10.6                                    | 11.1 | 11.0 | 11.4 | 11.7        | 11.9 | 12.4 | 12.2 | 12.7 | 13.0 |    |
|  | 12H  | 12.0                                    | 12.5 | 12.4 | 12.8 | 13.1        | 13.3 | 13.8 | 13.7 | 14.1 | 14.4 |    |
| 4H   | 2H   | 3.2                                     | 3.7  | 3.5  | 4.0  | 4.3         | 3.7  | 4.3  | 4.0  | 4.5  | 4.8  |    |
|  | 3H   | 6.9                                     | 7.4  | 7.2  | 7.7  | 8.0         | 7.8  | 8.2  | 8.1  | 8.5  | 8.9  |    |
|  | 4H   | 9.0                                     | 9.4  | 9.3  | 9.7  | 10.1        | 9.8  | 10.2 | 10.2 | 10.5 | 10.9 |    |
|  | 6H   | 11.3                                    | 11.6 | 11.7 | 12.0 | 12.4        | 12.2 | 12.6 | 12.6 | 12.9 | 13.3 |    |
|  | 8H   | 12.5                                    | 12.8 | 12.9 | 13.2 | 13.6        | 13.5 | 13.9 | 14.0 | 14.2 | 14.6 |    |
|  | 12H  | 14.0                                    | 14.2 | 14.4 | 14.6 | 15.0        | 15.1 | 15.4 | 15.5 | 15.8 | 16.2 |    |
| 8H   | 4H   | 9.9                                     | 10.2 | 10.3 | 10.6 | 11.0        | 10.6 | 10.9 | 11.0 | 11.2 | 11.6 |    |
|  | 6H   | 12.4                                    | 12.6 | 12.8 | 13.0 | 13.5        | 13.2 | 13.4 | 13.6 | 13.8 | 14.3 |    |
|  | 8H   | 13.8                                    | 14.0 | 14.3 | 14.5 | 14.9        | 14.7 | 14.9 | 15.2 | 15.3 | 15.8 |    |
|  | 12H  | 15.5                                    | 15.6 | 15.9 | 16.1 | 16.6        | 16.5 | 16.6 | 16.9 | 17.1 | 17.6 |    |
| 12H  | 4H   | 10.2                                    | 10.5 | 10.6 | 10.9 | 11.3        | 10.7 | 11.0 | 11.2 | 11.4 | 11.8 |    |
|  | 6H   | 12.8                                    | 13.0 | 13.2 | 13.4 | 13.9        | 13.4 | 13.6 | 13.9 | 14.1 | 14.6 |    |
|  | 8H   | 14.3                                    | 14.5 | 14.8 | 14.9 | 15.4        | 15.1 | 15.3 | 15.6 | 15.7 | 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 2850lm Total Luminous Flux  |  |   |      |      |      |             |      |      |      |      |      |    |

GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>