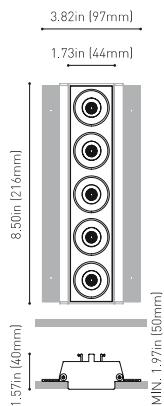




## DIMENSIONS



## AWARDS



|           |                                      |
|-----------|--------------------------------------|
| Name      | BLACK FOSTER TRI 5 UL SPOT 2700K NMG |
| Reference | U3184110NMG                          |
| Color     | Matt black-Metallized gold           |
| 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 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 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 |

## OTHER DATA

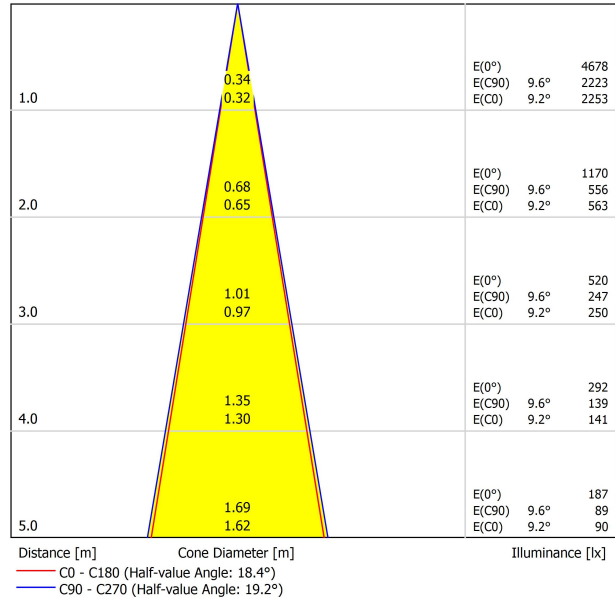


Black Foster is our lineal recessed luminaire with "The invisible black" effect, also available in a trimless version. Hiding the source of light, Black Foster stands out for its visual comfort and its elegance.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                |  |      |      |      |      |   |      |      |      |      |      |
|--|--|------|------|------|------|---|------|------|------|------|------|
| 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  | Viewing direction at right angles to lamp axis |      |      |      |      | Viewing direction parallel to lamp axis |      |      |      |      |      |
| X Y  |  |      |      |      |      |   |      |      |      |      |      |
| 2H   | 2H   | 1.9  | 2.6  | 2.1  | 2.8  | 3.0                                     | 2.7  | 3.4  | 3.0  | 3.6  | 3.8  |
|  | 3H   | 5.4  | 6.0  | 5.7  | 6.2  | 6.5                                     | 6.6  | 7.3  | 6.9  | 7.5  | 7.7  |
|  | 4H   | 7.4  | 7.9  | 7.7  | 8.2  | 8.4                                     | 8.5  | 9.1  | 8.8  | 9.3  | 9.6  |
|  | 6H   | 9.6  | 10.1 | 9.9  | 10.4 | 10.7                                    | 10.8 | 11.3 | 11.1 | 11.6 | 11.9 |
|  | 8H   | 10.7 | 11.2 | 11.1 | 11.5 | 11.8                                    | 12.0 | 12.5 | 12.3 | 12.8 | 13.1 |
|  | 12H  | 12.1 | 12.6 | 12.5 | 12.9 | 13.2                                    | 13.4 | 13.9 | 13.8 | 14.2 | 14.5 |
| 4H   | 2H   | 3.3  | 3.8  | 3.6  | 4.1  | 4.3                                     | 3.8  | 4.4  | 4.1  | 4.6  | 4.9  |
|  | 3H   | 7.0  | 7.5  | 7.3  | 7.8  | 8.1                                     | 7.9  | 8.3  | 8.2  | 8.6  | 9.0  |
|  | 4H   | 9.1  | 9.5  | 9.4  | 9.8  | 10.2                                    | 9.9  | 10.3 | 10.3 | 10.6 | 11.0 |
|  | 6H   | 11.4 | 11.7 | 11.8 | 12.1 | 12.5                                    | 12.3 | 12.7 | 12.7 | 13.0 | 13.4 |
|  | 8H   | 12.6 | 12.9 | 13.0 | 13.3 | 13.7                                    | 13.6 | 14.0 | 14.1 | 14.3 | 14.7 |
|  | 12H  | 14.1 | 14.3 | 14.5 | 14.7 | 15.1                                    | 15.2 | 15.5 | 15.6 | 15.9 | 16.3 |
| 8H   | 4H   | 10.0 | 10.3 | 10.4 | 10.7 | 11.1                                    | 10.7 | 11.0 | 11.1 | 11.3 | 11.7 |
|  | 6H   | 12.5 | 12.7 | 12.9 | 13.1 | 13.6                                    | 13.3 | 13.5 | 13.7 | 13.9 | 14.4 |
|  | 8H   | 13.9 | 14.1 | 14.4 | 14.6 | 15.0                                    | 14.8 | 15.0 | 15.3 | 15.4 | 15.9 |
|  | 12H  | 15.6 | 15.7 | 16.0 | 16.2 | 16.7                                    | 16.6 | 16.7 | 17.0 | 17.2 | 17.7 |
| 12H  | 4H   | 10.3 | 10.6 | 10.7 | 11.0 | 11.4                                    | 10.8 | 11.1 | 11.3 | 11.5 | 11.9 |
|  | 6H   | 12.9 | 13.1 | 13.3 | 13.5 | 14.0                                    | 13.5 | 13.7 | 14.0 | 14.2 | 14.7 |
|  | 8H   | 14.4 | 14.6 | 14.9 | 15.0 | 15.5                                    | 15.2 | 15.4 | 15.7 | 15.8 | 16.3 |
| 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 950lm Total Luminous Flux   |  |      |      |      |      |   |      |      |      |      |      |

GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>