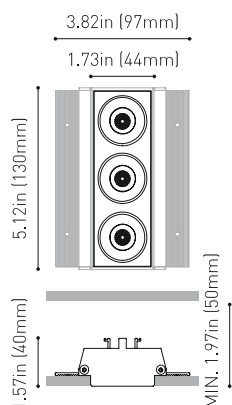


## DIMENSIONS



## AWARDS



|           |                                      |
|-----------|--------------------------------------|
| Name      | BLACK FOSTER TRI 3 UL SPOT 3000K NMG |
| Reference | U3183111NMG                          |
| Color     | Matt black-Metallized gold           |
| 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

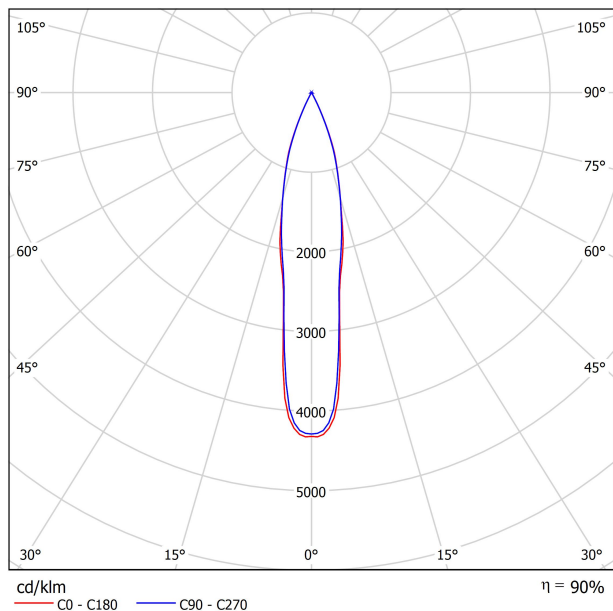
|                        |   |
|------------------------|---|
| IC Rated               | Yes   |
| Environmental location | DAMP  |
| Recess measurements    | 1.97 x 5.35   50 x 136                                      |
| Weight                 | 0.48 lb   219 gr  |
| Packaged weight        | 0.70 lb   314 gr  |
| Packaging dimensions   | 8.35x6.10x2.87 in   212x155x73 mm                           |
| Materials              | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

## OTHER DATA

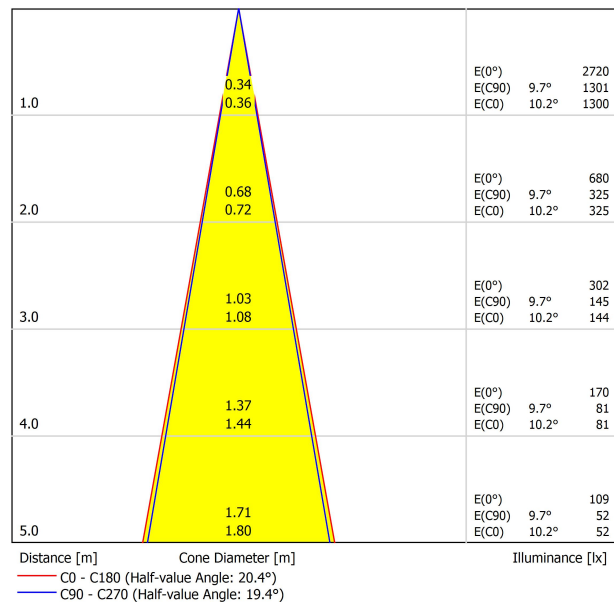


Black Foster is our lineal recessed luminaire with "The invisible black" effect, also available in a trimless version. Hiding the source of light, Black Foster stands out for its visual comfort and its elegance.

## 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<br>X Y   |     | Viewing direction at right angles<br>to lamp axis |      |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |      |
| 2H   | 2H  | 5.5   | 6.1  | 5.7  | 6.3  | 6.5  | 5.5  | 6.2  | 5.8  | 6.4  | 6.6  | 6.6  |      |
|  | 3H  | 9.0   | 9.6  | 9.3  | 9.9  | 10.1 | 9.1  | 9.7  | 9.4  | 9.9  | 10.2 | 10.2 |      |
|  | 4H  | 10.9  | 11.5 | 11.2 | 11.7 | 12.0 | 11.0 | 11.6                                       | 11.3 | 11.8 | 12.1 | 12.1 |      |
|  | 6H  | 13.0  | 13.5 | 13.3 | 13.8 | 14.1 | 13.0 | 13.6                                       | 13.3 | 13.8 | 14.1 | 14.1 |      |
|  | 8H  | 14.2  | 14.7 | 14.6 | 15.0 | 15.3 | 14.3 | 14.8                                       | 14.6 | 15.1 | 15.4 | 15.4 |      |
|  | 12H | 15.6  | 16.1 | 15.9 | 16.4 | 16.7 | 15.7 | 16.2                                       | 16.0 | 16.5 | 16.8 | 16.8 |      |
| 4H   | 2H  | 6.5   | 7.1  | 6.8  | 7.3  | 7.6  | 6.6  | 7.1  | 6.9  | 7.4  | 7.7  | 7.7  |      |
|  | 3H  | 10.3  | 10.8 | 10.7 | 11.1 | 11.4 | 10.4 | 10.9                                       | 10.7 | 11.2 | 11.5 | 11.5 |      |
|  | 4H  | 12.4  | 12.8 | 12.7 | 13.1 | 13.5 | 12.5 | 12.9                                       | 12.9 | 13.3 | 13.6 | 13.6 |      |
|  | 6H  | 14.6  | 15.0 | 15.0 | 15.4 | 15.7 | 14.7 | 15.0                                       | 15.1 | 15.4 | 15.8 | 15.8 |      |
|  | 8H  | 16.0  | 16.3 | 16.4 | 16.7 | 17.1 | 16.1 | 16.4                                       | 16.5 | 16.8 | 17.2 | 17.2 |      |
|  | 12H | 17.4  | 17.7 | 17.9 | 18.1 | 18.5 | 17.5 | 17.8                                       | 18.0 | 18.2 | 18.6 | 18.6 |      |
| 8H   | 4H  | 13.2  | 13.5 | 13.6 | 13.9 | 14.3 | 13.3 | 13.6                                       | 13.7 | 14.0 | 14.4 | 14.4 |      |
|  | 6H  | 15.7  | 16.0 | 16.2 | 16.4 | 16.8 | 15.7 | 16.0                                       | 16.2 | 16.4 | 16.9 | 16.9 |      |
|  | 8H  | 17.2  | 17.4 | 17.7 | 17.9 | 18.3 | 17.3 | 17.5                                       | 17.8 | 18.0 | 18.4 | 18.4 |      |
|  | 12H | 18.9  | 19.1 | 19.4 | 19.5 | 20.0 | 19.0 | 19.2                                       | 19.5 | 19.6 | 20.1 | 20.1 |      |
|  | 12H | 4H  | 13.4 | 13.7 | 13.9 | 14.1 | 14.5 | 13.5                                       | 13.8 | 14.0 | 14.2 | 14.6 | 14.6 |
|  |     | 6H  | 16.1 | 16.3 | 16.6 | 16.7 | 17.2 | 16.1                                       | 16.3 | 16.6 | 16.8 | 17.2 | 17.2 |
| 8H   |     | 17.7  | 17.8 | 18.2 | 18.3 | 18.8 | 17.7 | 17.9                                       | 18.2 | 18.4 | 18.9 | 18.9 |      |
| Variation of the observer position for the luminaire distances S |     |   |      |      |      |      |      |  |      |      |      |      |      |
| S = 1.0H   |     | +0.2 / -0.2                                       |      |      |      |      |      | +0.2 / -0.2                                |      |      |      |      |      |
| S = 1.5H   |     | +0.3 / -0.3                                       |      |      |      |      |      | +0.3 / -0.3                                |      |      |      |      |      |
| S = 2.0H   |     | +0.5 / -0.6                                       |      |      |      |      |      | +0.5 / -0.6                                |      |      |      |      |      |
| Standard table   |     | ---   |      |      |      |      |      | ---  |      |      |      |      |      |
| Correction   |     | ---   |      |      |      |      |      | ---  |      |      |      |      |      |
| Summand  |     | ---   |      |      |      |      |      | ---  |      |      |      |      |      |
| Corrected Glare Indices referring to 630lm Total Luminous Flux   |     |   |      |      |      |      |      |  |      |      |      |      |      |

## GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>