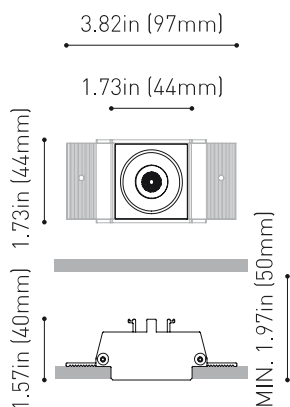




## DIMENSIONS



## AWARDS



|           |                                       |
|-----------|---------------------------------------|
| Name      | BLACK FOSTER TRI 1 UL FLOOD 3500K NMG |
| Reference | U3181013NMG                           |
| Color     | Matt black-Metallized gold            |
| Category  | CEILING RECESSED                      |

## PRODUCT

|                       |                                      |
|-----------------------|--------------------------------------|
| Type                  | LED                                  |
| Gross luminous flux   | Depending on Mounting Accessories Lm |
| Color temperature     | 3500 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     | 92%  |
| Delivered luminous flux | 0 Lm |
| Light beam angle        | 38°  |

## 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

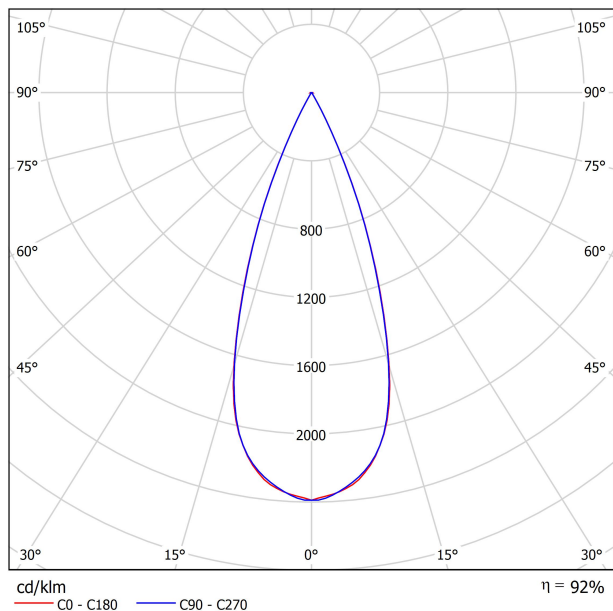
|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| IC Rated               | Yes                                                         |
| Environmental location | DAMP                                                        |
| Recess measurements    | 1.97 x 1.97   50 x 50                                       |
| Weight                 | 0.21 lb   94 gr                                             |
| Packaged weight        | 0.31 lb   141 gr                                            |
| Packaging dimensions   | 7.60x4.25x2.08 in   193x108x53 mm                           |
| Materials              | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

## OTHER DATA

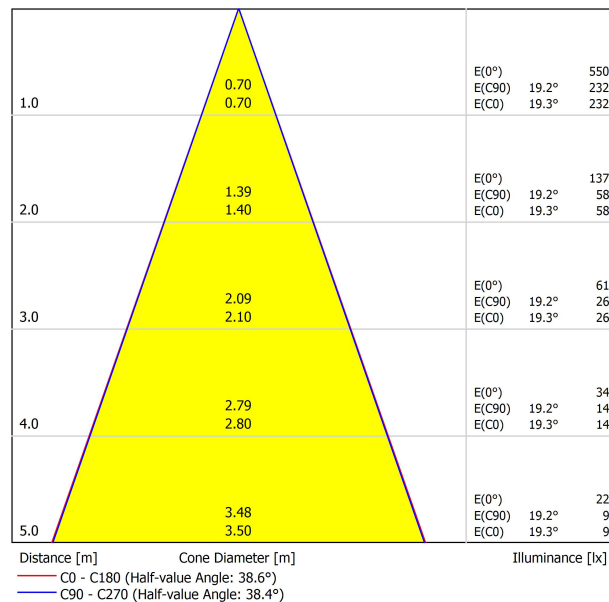


Black Foster is our lineal recessed luminaire with "The invisible black" effect, also available in a trimless version. Hiding the source of light, Black Foster stands out for its visual comfort and its elegance.

## 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  | -0.6                                              | 0.0 | -0.4 | 0.2  | 0.4  | -0.5 | 0.2                                        | -0.2 | 0.4  | 0.6  |    |  |
|                                                                  | 3H  | 1.0                                               | 1.6 | 1.2  | 1.8  | 2.0  | 1.2  | 1.8                                        | 1.5  | 2.0  | 2.3  |    |  |
|                                                                  | 4H  | 2.2                                               | 2.8 | 2.5  | 3.0  | 3.3  | 2.5  | 3.1                                        | 2.8  | 3.3  | 3.6  |    |  |
|                                                                  | 6H  | 4.0                                               | 4.5 | 4.3  | 4.8  | 5.0  | 4.3  | 4.8                                        | 4.7  | 5.1  | 5.4  |    |  |
|                                                                  | 8H  | 5.1                                               | 5.6 | 5.5  | 5.9  | 6.2  | 5.3  | 5.8                                        | 5.7  | 6.1  | 6.4  |    |  |
| 4H                                                               | 12H | 6.4                                               | 6.8 | 6.7  | 7.1  | 7.5  | 6.6  | 7.0                                        | 6.9  | 7.3  | 7.7  |    |  |
|                                                                  | 2H  | -0.2                                              | 0.4 | 0.1  | 0.6  | 0.9  | -0.0 | 0.5                                        | 0.3  | 0.8  | 1.0  |    |  |
|                                                                  | 3H  | 1.9                                               | 2.4 | 2.2  | 2.7  | 3.0  | 2.1  | 2.6                                        | 2.5  | 2.9  | 3.2  |    |  |
|                                                                  | 4H  | 3.5                                               | 3.9 | 3.8  | 4.2  | 4.5  | 3.8  | 4.1                                        | 4.1  | 4.5  | 4.8  |    |  |
|                                                                  | 6H  | 5.5                                               | 5.8 | 5.9  | 6.2  | 6.6  | 5.8  | 6.2                                        | 6.2  | 6.5  | 6.9  |    |  |
| 8H                                                               | 8H  | 6.8                                               | 7.1 | 7.2  | 7.5  | 7.9  | 7.0  | 7.3                                        | 7.4  | 7.6  | 8.0  |    |  |
|                                                                  | 12H | 8.2                                               | 8.4 | 8.6  | 8.8  | 9.3  | 8.4  | 8.6                                        | 8.8  | 9.0  | 9.4  |    |  |
|                                                                  | 4H  | 4.3                                               | 4.6 | 4.7  | 5.0  | 5.4  | 4.5  | 4.8                                        | 4.9  | 5.2  | 5.6  |    |  |
|                                                                  | 6H  | 6.6                                               | 6.8 | 7.1  | 7.3  | 7.7  | 6.8  | 7.1                                        | 7.3  | 7.5  | 7.9  |    |  |
|                                                                  | 8H  | 8.1                                               | 8.2 | 8.5  | 8.7  | 9.2  | 8.2  | 8.4                                        | 8.6  | 8.8  | 9.3  |    |  |
| 12H                                                              | 12H | 9.7                                               | 9.8 | 10.2 | 10.3 | 10.8 | 9.8  | 9.9                                        | 10.3 | 10.4 | 10.9 |    |  |
|                                                                  | 4H  | 4.5                                               | 4.8 | 5.0  | 5.2  | 5.6  | 4.7  | 5.0                                        | 5.2  | 5.4  | 5.8  |    |  |
|                                                                  | 6H  | 7.0                                               | 7.1 | 7.4  | 7.6  | 8.0  | 7.2  | 7.3                                        | 7.6  | 7.8  | 8.2  |    |  |
|                                                                  | 8H  | 8.5                                               | 8.7 | 9.0  | 9.1  | 9.6  | 8.6  | 8.8                                        | 9.1  | 9.2  | 9.7  |    |  |
| Variation of the observer position for the luminaire distances S |     |                                                   |     |      |      |      |      |                                            |      |      |      |    |  |
| S = 1.0H                                                         |     | +0.4 / -0.2                                       |     |      |      |      |      | +0.4 / -0.2                                |      |      |      |    |  |
| S = 1.5H                                                         |     | +0.9 / -0.5                                       |     |      |      |      |      | +0.9 / -0.4                                |      |      |      |    |  |
| S = 2.0H                                                         |     | +1.6 / -0.6                                       |     |      |      |      |      | +1.6 / -0.6                                |      |      |      |    |  |
| Standard table                                                   |     | ---                                               |     |      |      |      |      | ---                                        |      |      |      |    |  |
| Correction<br>Summand                                            |     | ---                                               |     |      |      |      |      | ---                                        |      |      |      |    |  |
| Corrected Glare Indices referring to 230lm Total Luminous Flux   |     |                                                   |     |      |      |      |      |                                            |      |      |      |    |  |

## GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>