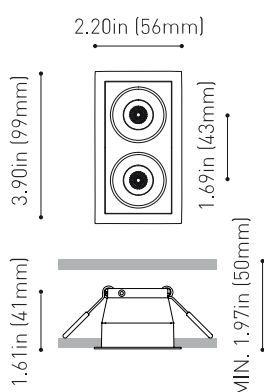




## DIMENSIONS



## Awards



INTERIOR DESIGN

## PRODUCT

|           |                                       |
|-----------|---------------------------------------|
| Name      | BLACK FOSTER REC 2 UL FLOOD 3500K NMG |
| Reference | U3192013NMG                           |
| Color     | Matt black-Metallized gold            |
| RAL       | Metallic finish                       |
| Category  | CEILING RECESSED                      |

## MOUNTING ACCESSORY / DRIVER

|                             |                                        |
|-----------------------------|----------------------------------------|
| Mounting Accessory / Driver | Mandatory, not included. See next page |
| Model                       | REMOTE BOX 3.6-22W 450mA               |
| Reference                   | U100011802                             |

## LIGHT SOURCE

|                       |                 |
|-----------------------|-----------------|
| Type                  | LED             |
| Gross luminous flux   | 310 Lm          |
| Color temperature     | 3500 K          |
| Chromatic stability   | MacAdam Step 3  |
| Color Rendering Index | CRI>90          |
| Power                 | 2.7 W           |
| Current               | 450 mA          |
| Efficacy              | 114 Lm/W        |
| LED lifespan          | L90B10>102.000h |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                         |        |
|-------------------------|--------|
| Lighting efficiency     | 92%    |
| Delivered luminous flux | 285 Lm |
| Light beam angle        | 38     |

## LIGHTING FIXTURE | ELECTRICAL DATA

|                            |           |
|----------------------------|-----------|
| Power values of the system | 3.7 W     |
| Voltage                    | 120-277 V |
| Frequency                  | 50/60 Hz  |
| Dimming                    | 0-10V     |

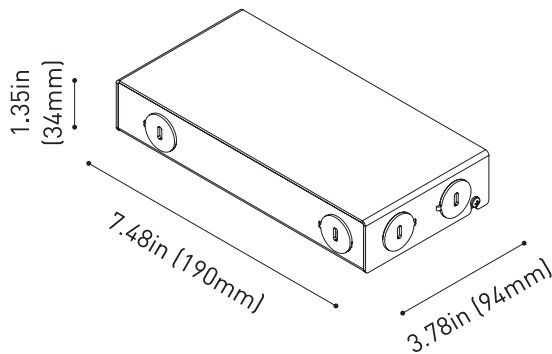
## OTHER DATA

|                        |                                             |
|------------------------|---------------------------------------------|
| IC Rated               | Yes                                         |
| Environmental location | DAMP                                        |
| Weight                 | 0.31 lb   140 gr                            |
| Packaged weight        | 0.47 lb   217 gr                            |
| Packaging dimensions   | 6.22 x 3.85 x 1.96 in   158 x 98 x 50 mm    |
| Materials              | Aluminium / Acrylonitrile Butadiene Styrene |



Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual trimless". Black Foster stands out for its refinement, its visual comfort and for almost completely hide the source of light from the human eye range.

Mandatory / Not Included

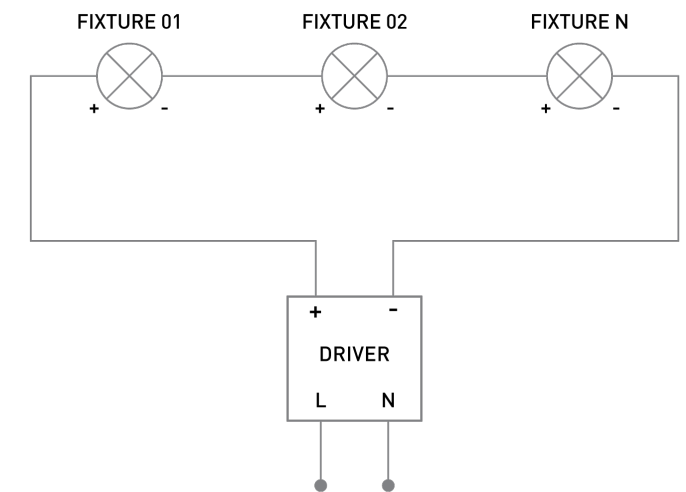


| PRODUCT               |                                           |
|-----------------------|-------------------------------------------|
| Model                 | REMOTE BOX 3.6-22W 450mA                  |
| Driver                | Included                                  |
| Reference             | U100011802                                |
| IC Rated              | Yes                                       |
| Dimming               | 0-10V                                     |
| Size                  | 7.48 x 3.78 x 1.35 in   190 x 94 x 34 mm  |
| Weight                | 1.8 lb   820 gr                           |
| Packaged weight       | 1.93 lb   875 gr                          |
| Packaging dimensions  | 9.53 x 4.13 x 1.54 in   242 x 105 x 39 mm |
| Nº Luminaires         | 2 to 7                                    |
| LED - Driver Distance | Maximum suggested distance is 16 feet     |

| INPUT CHARACTERISTICS |           |
|-----------------------|-----------|
| Input Voltage         | 120-277 V |
| Frequency             | 50/60 Hz  |

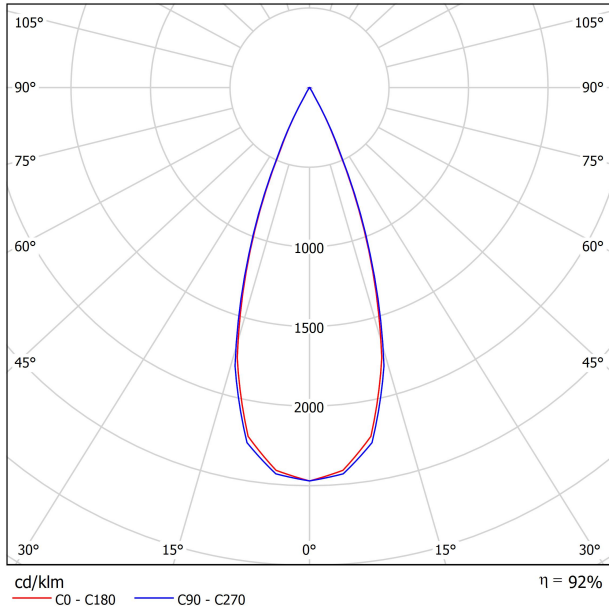
| OUTPUT CHARACTERISTICS |            |
|------------------------|------------|
| Output Voltage         | 8 - 49 V   |
| Output Current         | 450 mA     |
| Output Power           | 3.6 - 22 W |



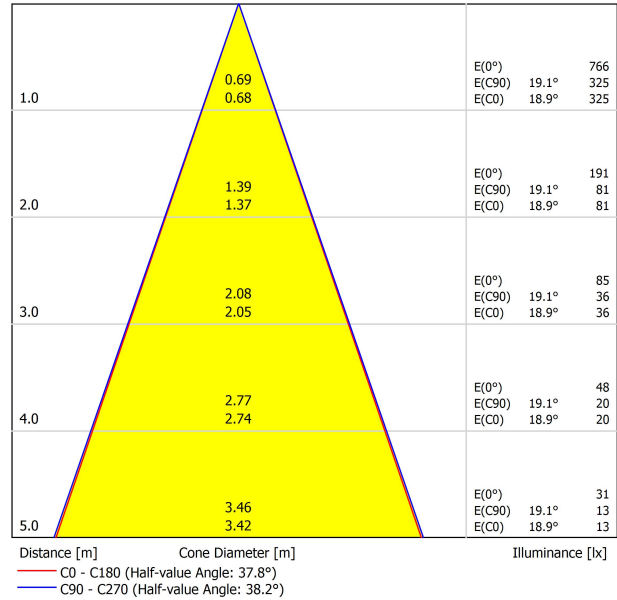


SERIAL CONNECTION FOR SEVERAL FIXTURES TO A SINGLE CONSTANT CURRENT DRIVER  
RESPECT THE DISTANCE LED - DRIVER

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  | -4.2                                              | -3.6 | -4.0 | -3.4 | -3.2 | -3.5                                       | -2.9 | -3.3 | -2.7 | -2.5 | -2.5 |      |
|                                                                  | 3H  | -3.2                                              | -2.6 | -2.9 | -2.4 | -2.2 | -2.6                                       | -2.0 | -2.3 | -1.8 | -1.6 | -1.6 |      |
|                                                                  | 4H  | -1.9                                              | -1.3 | -1.6 | -1.1 | -0.8 | -1.3                                       | -0.7 | -1.0 | -0.5 | -0.2 | -0.2 |      |
|                                                                  | 6H  | 0.6                                               | 1.1  | 0.9  | 1.3  | 1.6  | 0.9                                        | 1.4  | 1.2  | 1.7  | 2.0  | 2.0  |      |
|                                                                  | 8H  | 2.1                                               | 2.6  | 2.5  | 2.9  | 3.2  | 2.3                                        | 2.8  | 2.7  | 3.1  | 3.4  | 3.4  |      |
| 12H                                                              | 3.9 | 4.4                                               | 4.3  | 4.7  | 5.0  | 4.1  | 4.6                                        | 4.5  | 4.9  | 5.2  | 5.2  | 5.2  |      |
|                                                                  | 4H  | 2H                                                | -4.1 | -3.6 | -3.8 | -3.3 | -3.0                                       | -3.5 | -2.9 | -3.2 | -2.7 | -2.4 | -2.4 |
|                                                                  |     | 3H                                                | -2.5 | -2.0 | -2.1 | -1.7 | -1.4                                       | -2.0 | -1.5 | -1.7 | -1.2 | -0.9 | -0.9 |
|                                                                  |     | 4H                                                | -0.6 | -0.3 | -0.3 | 0.1  | 0.4                                        | -0.2 | 0.2  | 0.2  | 0.5  | 0.9  | 0.9  |
|                                                                  |     | 6H                                                | 2.2  | 2.5  | 2.6  | 2.9  | 3.3                                        | 2.4  | 2.8  | 2.8  | 3.1  | 3.5  | 3.5  |
| 8H                                                               |     | 3.9                                               | 4.2  | 4.3  | 4.6  | 5.0  | 4.1                                        | 4.4  | 4.5  | 4.7  | 5.1  | 5.1  |      |
| 12H                                                              | 5.9 | 6.1                                               | 6.3  | 6.5  | 6.9  | 6.0  | 6.2                                        | 6.4  | 6.6  | 7.1  | 7.1  | 7.1  |      |
|                                                                  | 8H  | 4H                                                | 0.4  | 0.7  | 0.8  | 1.0  | 1.4                                        | 0.7  | 1.0  | 1.1  | 1.4  | 1.8  | 1.8  |
|                                                                  |     | 6H                                                | 3.5  | 3.7  | 4.0  | 4.2  | 4.6                                        | 3.7  | 3.9  | 4.1  | 4.3  | 4.8  | 4.8  |
|                                                                  |     | 8H                                                | 5.4  | 5.6  | 5.9  | 6.0  | 6.5                                        | 5.5  | 5.7  | 6.0  | 6.1  | 6.6  | 6.6  |
|                                                                  |     | 12H                                               | 7.6  | 7.7  | 8.0  | 8.2  | 8.7                                        | 7.6  | 7.8  | 8.1  | 8.2  | 8.7  | 8.7  |
| 12H                                                              | 4H  | 0.8                                               | 1.0  | 1.2  | 1.4  | 1.8  | 1.1                                        | 1.3  | 1.5  | 1.7  | 2.1  | 2.1  |      |
|                                                                  | 6H  | 4.0                                               | 4.2  | 4.5  | 4.6  | 5.1  | 4.2                                        | 4.3  | 4.6  | 4.8  | 5.3  | 5.3  |      |
|                                                                  | 8H  | 6.0                                               | 6.2  | 6.5  | 6.6  | 7.1  | 6.1                                        | 6.2  | 6.6  | 6.7  | 7.2  | 7.2  |      |
| Variation of the observer position for the luminaire distances S |     |                                                   |      |      |      |      |                                            |      |      |      |      |      |      |
| S = 1.0H<br>S = 1.5H<br>S = 2.0H                                 |     | +0.5 / -0.3<br>+1.1 / -0.5<br>+1.9 / -0.8         |      |      |      |      | +0.6 / -0.3<br>+1.3 / -0.5<br>+2.3 / -0.8  |      |      |      |      |      |      |
| Standard table                                                   |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |      |      |
| Correction                                                       |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |      |      |
| Summand                                                          |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |      |      |
| Corrected Glare Indices referring to 310lm Total Luminous Flux   |     |                                                   |      |      |      |      |                                            |      |      |      |      |      |      |