



## DIMENSIONS



## AWARDS



## PRODUCT

|           |                                    |
|-----------|------------------------------------|
| Name      | BLACK FOSTER REC 3 UL SPOT 3000K N |
| Reference | U3193111N                          |
| Color     | Matt black                         |
| Category  | Ceiling Recessed                   |

## LIGHT SOURCE

|                       |                                      |
|-----------------------|--------------------------------------|
| 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                      |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

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

## LIGHTING FIXTURE | ELECTRICAL DATA

|                            |                                   |
|----------------------------|-----------------------------------|
| Driver                     | Requires remote driver            |
| Power values of the system | W                                 |
| Dimming                    | Depending on Mounting Accessories |

## OTHER DATA

|                        |   |
|------------------------|---|
| Environmental location | DAMP  |
| Weight                 | 0.45 lb   205 gr                            |
| Packaged weight        | 0.65 lb   299 gr                            |
| Packaging dimensions   | 6.61 x 3.85 x 1.96 in   168 x 98 x 50 mm    |
| Materials              | Aluminium / Acrylonitrile Butadiene Styrene |

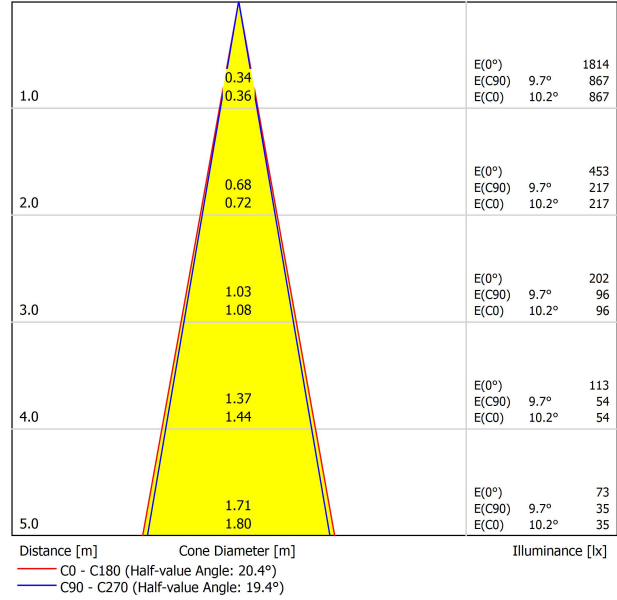


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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.

## POLAR DIAGRAM



## CONICAL DIAGRAM



## UGR

| Glare Evaluation According to UGR                                |             |  |      |      |      |             |   |      |      |      |      |
|--|-------------|--|------|------|------|-------------|---|------|------|------|------|
| $\rho$ Ceiling   | 70          | 70   | 50   | 50   | 30   | 70          | 70                                      | 50   | 50   | 30   |      |
| $\rho$ Walls   | 50          | 30   | 50   | 30   | 30   | 50          | 30                                      | 50   | 30   | 30   |      |
| $\rho$ Floor   | 20          | 20   | 20   | 20   | 20   | 20          | 20                                      | 20   | 20   | 20   |      |
| Room Size X Y  |             | Viewing direction at right angles to lamp axis |      |      |      |             | Viewing direction parallel to lamp axis |      |      |      |      |
| 2H   | 2H          | 4.0  | 4.7  | 4.2  | 4.9  | 5.1         | 4.1                                     | 4.8  | 4.3  | 5.0  | 5.2  |
|  | 3H          | 7.5  | 8.2  | 7.8  | 8.4  | 8.6         | 7.6                                     | 8.2  | 7.9  | 8.5  | 8.7  |
|  | 4H          | 9.4  | 10.0 | 9.7  | 10.3 | 10.5        | 9.5                                     | 10.1 | 9.8  | 10.4 | 10.6 |
|  | 6H          | 11.5   | 12.1 | 11.9 | 12.4 | 12.6        | 11.5                                    | 12.1 | 11.9 | 12.4 | 12.7 |
|  | 8H          | 12.7   | 13.3 | 13.1 | 13.6 | 13.9        | 12.8                                    | 13.4 | 13.2 | 13.7 | 14.0 |
|  | 12H         | 14.1   | 14.6 | 14.4 | 14.9 | 15.2        | 14.2                                    | 14.7 | 14.6 | 15.0 | 15.3 |
| 4H   | 2H          | 5.0  | 5.6  | 5.3  | 5.9  | 6.1         | 5.1                                     | 5.7  | 5.4  | 5.9  | 6.2  |
|  | 3H          | 8.8  | 9.3  | 9.2  | 9.6  | 10.0        | 8.9                                     | 9.4  | 9.2  | 9.7  | 10.0 |
|  | 4H          | 10.9   | 11.3 | 11.3 | 11.7 | 12.0        | 11.0                                    | 11.5 | 11.4 | 11.8 | 12.1 |
|  | 6H          | 13.2   | 13.5 | 13.6 | 13.9 | 14.3        | 13.2                                    | 13.6 | 13.6 | 13.9 | 14.3 |
|  | 8H          | 14.5   | 14.8 | 14.9 | 15.2 | 15.6        | 14.6                                    | 14.9 | 15.0 | 15.3 | 15.7 |
|  | 12H         | 16.0   | 16.2 | 16.4 | 16.6 | 17.1        | 16.1                                    | 16.3 | 16.5 | 16.7 | 17.2 |
| 8H   | 4H          | 11.7   | 12.1 | 12.1 | 12.4 | 12.8        | 11.8                                    | 12.2 | 12.2 | 12.5 | 12.9 |
|  | 6H          | 14.3   | 14.5 | 14.7 | 14.9 | 15.4        | 14.3                                    | 14.5 | 14.7 | 15.0 | 15.4 |
|  | 8H          | 15.8   | 16.0 | 16.2 | 16.4 | 16.9        | 15.8                                    | 16.0 | 16.3 | 16.5 | 17.0 |
|  | 12H         | 17.4   | 17.6 | 17.9 | 18.1 | 18.6        | 17.5                                    | 17.7 | 18.0 | 18.1 | 18.6 |
| 12H  | 4H          | 12.0   | 12.3 | 12.4 | 12.7 | 13.1        | 12.1                                    | 12.3 | 12.5 | 12.7 | 13.2 |
|  | 6H          | 14.6   | 14.8 | 15.1 | 15.3 | 15.7        | 14.6                                    | 14.8 | 15.1 | 15.3 | 15.8 |
|  | 8H          | 16.2   | 16.4 | 16.7 | 16.8 | 17.3        | 16.3                                    | 16.5 | 16.8 | 16.9 | 17.4 |
|  |             |  |      |      |      |             |   |      |      |      |      |
| 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 420lm Total Luminous Flux   |             |  |      |      |      |             |   |      |      |      |      |