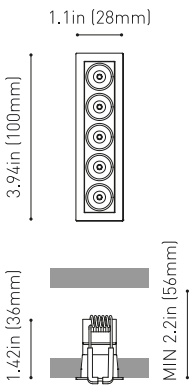




DIMENSIONS



|           |  |
|-----------|--|
| Name      | BLACK FOSTER MICRO RECESSED 5 UL 2700K N |
| Reference | U4142010N                                |
| Color     | Matt black                               |
| 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 >60.000h                      |

LIGHT SOURCE

|                         |      |
|-------------------------|------|
| Lighting efficiency     | 87%  |
| Delivered luminous flux | 0 Lm |
| Light beam angle        | 37°  |

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    | 0.94x3.78 in   24x96  |
| Weight                 | 0.25 lb   115 gr  |
| Packaged weight        | 0.37 lb   171.2 gr  |
| Packaging dimensions   | 7.32x2.56x2.13 in   186x65x54 mm                            |
| Materials              | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

OTHER DATA



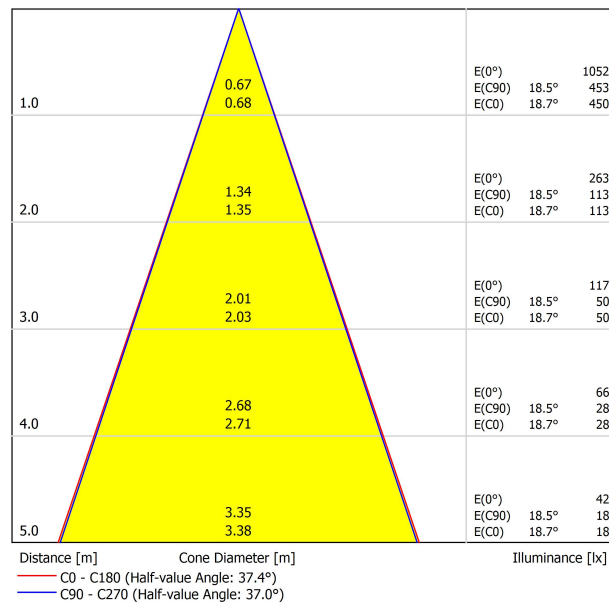
Black Foster Micro is a feat of engineering which brings the acclaimed “The Invisible Black” effect to a hyper-reduced light. Its tiny size and thin trim offer a “trimless visual” aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro is designed for general or accent lighting and can be used in projects that seek ceiling lighting that plays a minimal role.



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<br>X Y   |     | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |
| 2H   | 2H  | 0.4   | 1.0  | 0.6  | 1.2  | 1.4  | 0.0  | 0.7  | 0.3  | 0.9  | 1.0  |
|  | 3H  | 3.7   | 4.2  | 3.9  | 4.5  | 4.7  | 3.4  | 4.0  | 3.7  | 4.2  | 4.5  |
|  | 4H  | 5.5   | 6.0  | 5.8  | 6.3  | 6.6  | 5.3  | 5.8  | 5.6  | 6.1  | 6.3  |
|  | 6H  | 7.4   | 7.9  | 7.7  | 8.2  | 8.5  | 7.4  | 7.9  | 7.7  | 8.2  | 8.5  |
|  | 8H  | 8.6   | 9.1  | 9.0  | 9.4  | 9.7  | 8.5  | 9.0  | 8.9  | 9.3  | 9.6  |
|  | 12H | 10.0  | 10.5 | 10.4 | 10.8 | 11.1 | 9.9  | 10.4 | 10.3 | 10.7 | 11.0 |
| 4H   | 2H  | 1.3   | 1.9  | 1.6  | 2.1  | 2.4  | 1.1  | 1.6  | 1.4  | 1.9  | 2.2  |
|  | 3H  | 4.8   | 5.3  | 5.1  | 5.6  | 5.9  | 4.7  | 5.2  | 5.1  | 5.5  | 5.8  |
|  | 4H  | 6.8   | 7.2  | 7.2  | 7.6  | 7.9  | 6.7  | 7.0  | 7.0  | 7.4  | 7.7  |
|  | 6H  | 9.0   | 9.3  | 9.4  | 9.7  | 10.1 | 9.0  | 9.3  | 9.4  | 9.7  | 10.1 |
|  | 8H  | 10.3  | 10.6 | 10.7 | 11.0 | 11.4 | 10.2                                       | 10.5 | 10.6 | 10.9 | 11.3 |
|  | 12H | 11.8  | 12.1 | 12.3 | 12.5 | 12.9 | 11.8                                       | 12.0 | 12.2 | 12.4 | 12.8 |
| 8H   | 4H  | 7.7   | 8.0  | 8.1  | 8.3  | 8.7  | 7.5  | 7.8  | 7.9  | 8.2  | 8.6  |
|  | 6H  | 10.1  | 10.3 | 10.5 | 10.7 | 11.2 | 10.1                                       | 10.3 | 10.5 | 10.7 | 11.2 |
|  | 8H  | 11.6  | 11.8 | 12.1 | 12.2 | 12.7 | 11.5                                       | 11.7 | 12.0 | 12.1 | 12.6 |
|  | 12H | 13.3  | 13.5 | 13.8 | 13.9 | 14.4 | 13.3                                       | 13.4 | 13.8 | 13.9 | 14.4 |
| 12H  | 4H  | 7.9   | 8.2  | 8.3  | 8.6  | 9.0  | 7.8  | 8.0  | 8.2  | 8.4  | 8.8  |
|  | 6H  | 10.4  | 10.6 | 10.9 | 11.1 | 11.5 | 10.4                                       | 10.6 | 10.9 | 11.1 | 11.5 |
|  | 8H  | 12.0  | 12.2 | 12.5 | 12.6 | 13.1 | 12.0                                       | 12.1 | 12.5 | 12.6 | 13.1 |
| Variation of the observer position for the luminaire distances S |     |   |      |      |      |      |  |      |      |      |      |
| S = 1.0H   |     | +3.5 / -1.3                                       |      |      |      |      | +3.6 / -1.3                                |      |      |      |      |
| S = 1.5H   |     | +6.0 / -1.6                                       |      |      |      |      | +6.0 / -1.6                                |      |      |      |      |
| S = 2.0H   |     | +8.0 / -1.7                                       |      |      |      |      | +8.0 / -1.9                                |      |      |      |      |
| Standard table   |     | ---   |      |      |      |      | ---  |      |      |      |      |
| Correction   |     | ---   |      |      |      |      | ---  |      |      |      |      |
| Summand  |     | ---   |      |      |      |      | ---  |      |      |      |      |
| Corrected Glare Indices referring to 490lm Total Luminous Flux   |     |   |      |      |      |      |  |      |      |      |      |