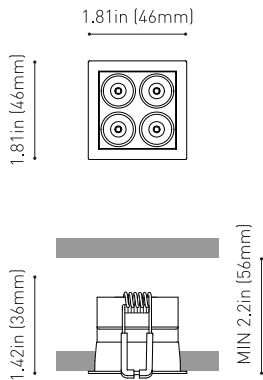




## DIMENSIONS



|                  |  |
|------------------|--|
| <b>Name</b>      | BLACK FOSTER MICRO RECESSED 2X2 UL 3000K N |
| <b>Reference</b> | U4143011N                                  |
| <b>Color</b>     | Matt black                                 |
| <b>Category</b>  | Ceiling Recessed                           |

## PRODUCT

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Type</b>                  | LED                                  |
| <b>Gross luminous flux</b>   | Depending on Mounting Accessories Lm |
| <b>Color temperature</b>     | 3000 K                               |
| <b>Chromatic stability</b>   | MacAdam Step 3                       |
| <b>Color Rendering Index</b> | CRI>90                               |
| <b>Power</b>                 | Depending on Mounting Accessories W  |
| <b>Current</b>               | Depending on Mounting Accessories mA |
| <b>LED lifespan</b>          | L90B10>60.000h                       |

## LIGHT SOURCE

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

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| <b>Driver</b>                     | Requires remote driver            |
| <b>Power values of the system</b> | W                                 |
| <b>Frequency</b>                  | Depending on Mounting Accessories |
| <b>Dimming</b>                    | Depending on Mounting Accessories |

## LIGHTING FIXTURE | ELECTRICAL DATA

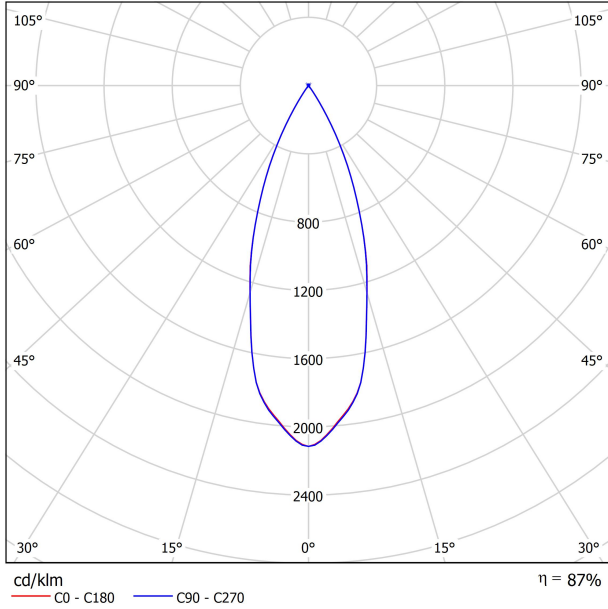
|                               |   |
|-------------------------------|---|
| <b>IC Rated</b>               | Yes   |
| <b>Environmental location</b> | DAMP  |
| <b>Recess measurements</b>    | 1.65 x 1.65 in   42 x 42                                    |
| <b>Weight</b>                 | 0.28 lb   130 gr  |
| <b>Packaged weight</b>        | 0.46 lb   211 gr  |
| <b>Packaging dimensions</b>   | 6.92 x 3.11 x 1.96 in   176 x 79 x 50 mm                    |
| <b>Materials</b>              | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

## OTHER DATA

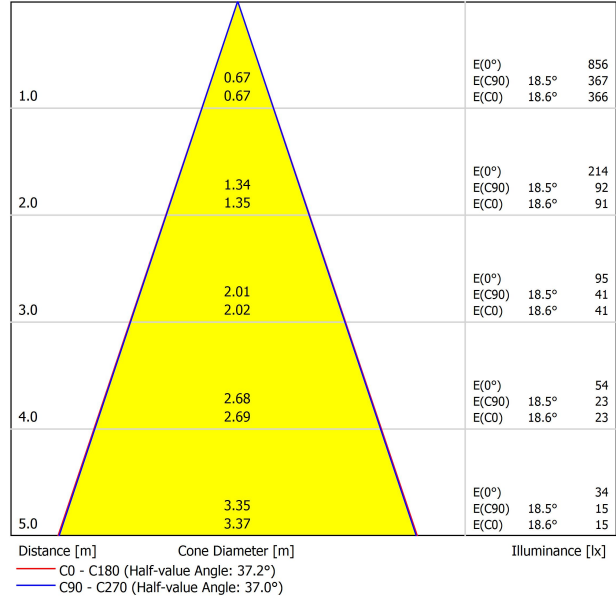


Black Foster Micro is a feat of engineering which brings the acclaimed "The Invisible Black" effect to a hyper-reduced light. Its tiny size and thin trim offer a "trimless visual" aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro 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                                |     |  |      |      |      |      |   |      |      |      |      |
|--|-----|--|------|------|------|------|---|------|------|------|------|
| ρ Ceiling  |     | 70   | 70   | 50   | 50   | 30   | 70                                      | 70   | 50   | 50   | 30   |
| ρ Walls  |     | 50   | 30   | 50   | 30   | 30   | 50                                      | 30   | 50   | 30   | 30   |
| ρ 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  | -6.5   | -5.9 | -6.3 | -5.7 | -5.5 | -7.2                                    | -6.6 | -6.9 | -6.4 | -6.2 |
|  | 3H  | -3.4   | -2.8 | -3.1 | -2.6 | -2.4 | -3.3                                    | -2.8 | -3.1 | -2.5 | -2.3 |
|  | 4H  | -1.7   | -1.2 | -1.4 | -0.9 | -0.7 | -1.3                                    | -0.8 | -1.0 | -0.5 | -0.3 |
|  | 6H  | 0.5  | 1.0  | 0.9  | 1.3  | 1.6  | 0.8                                     | 1.3  | 1.1  | 1.6  | 1.9  |
|  | 8H  | 1.7  | 2.2  | 2.1  | 2.5  | 2.8  | 1.8                                     | 2.3  | 2.2  | 2.6  | 2.9  |
| 4H   | 12H | 2.9  | 3.3  | 3.2  | 3.6  | 3.9  | 2.9                                     | 3.4  | 3.3  | 3.7  | 4.0  |
|  | 2H  | -5.7   | -5.1 | -5.4 | -4.9 | -4.6 | -6.1                                    | -5.6 | -5.8 | -5.4 | -5.1 |
|  | 3H  | -2.2   | -1.8 | -1.9 | -1.5 | -1.2 | -2.2                                    | -1.7 | -1.8 | -1.4 | -1.1 |
|  | 4H  | -0.3   | 0.0  | 0.0  | 0.4  | 0.7  | 0.0                                     | 0.4  | 0.4  | 0.8  | 1.1  |
|  | 6H  | 2.2  | 2.5  | 2.6  | 2.8  | 3.2  | 2.4                                     | 2.7  | 2.8  | 3.1  | 3.5  |
| 8H   | 8H  | 3.5  | 3.8  | 3.9  | 4.1  | 4.5  | 3.5                                     | 3.8  | 3.9  | 4.2  | 4.6  |
|  | 12H | 4.7  | 4.9  | 5.1  | 5.3  | 5.8  | 4.7                                     | 5.0  | 5.2  | 5.4  | 5.8  |
|  | 4H  | 0.5  | 0.8  | 0.9  | 1.2  | 1.6  | 0.8                                     | 1.1  | 1.2  | 1.5  | 1.9  |
|  | 6H  | 3.2  | 3.4  | 3.6  | 3.8  | 4.3  | 3.4                                     | 3.6  | 3.9  | 4.1  | 4.5  |
|  | 8H  | 4.7  | 4.9  | 5.1  | 5.3  | 5.8  | 4.7                                     | 4.9  | 5.2  | 5.3  | 5.8  |
| 12H  | 12H | 6.1  | 6.3  | 6.6  | 6.7  | 7.2  | 6.1                                     | 6.3  | 6.6  | 6.7  | 7.2  |
|  | 4H  | 0.8  | 1.0  | 1.2  | 1.4  | 1.8  | 1.0                                     | 1.3  | 1.5  | 1.7  | 2.1  |
|  | 6H  | 3.5  | 3.7  | 4.0  | 4.1  | 4.6  | 3.7                                     | 3.9  | 4.2  | 4.3  | 4.8  |
| 8H   | 5.1 | 5.2  | 5.6  | 5.7  | 6.2  | 5.1  | 5.2                                     | 5.6  | 5.7  | 6.2  |      |
| Variation of the observer position for the luminaire distances S |     |  |      |      |      |      |   |      |      |      |      |
| S = 1.0H   |     | +6.0 / -4.4                                    |      |      |      |      | +6.0 / -4.3                             |      |      |      |      |
| S = 1.5H   |     | +8.8 / -4.8                                    |      |      |      |      | +8.7 / -4.7                             |      |      |      |      |
| S = 2.0H   |     | +10.8 / -5.4                                   |      |      |      |      | +10.8 / -5.0                            |      |      |      |      |
| Standard table   |     | BK01   |      |      |      |      | BK01                                    |      |      |      |      |
| Correction Summand   |     | -5.3   |      |      |      |      | -5.4                                    |      |      |      |      |
| Corrected Glare Indices referring to 405lm Total Luminous Flux   |     |  |      |      |      |      |   |      |      |      |      |