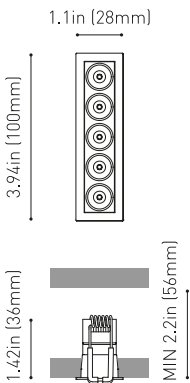




DIMENSIONS



| | |
|-----------|--|
| Name | BLACK FOSTER MICRO RECESSED 5 UL 4000K N |
| Reference | U4142012N |
| Color | Matt black |
| Category | CEILING RECESSED |

PRODUCT

| | |
|-----------------------|--------------------------------------|
| Type | LED |
| Gross luminous flux | Depending on Mounting Accessories Lm |
| Color temperature | 4000 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



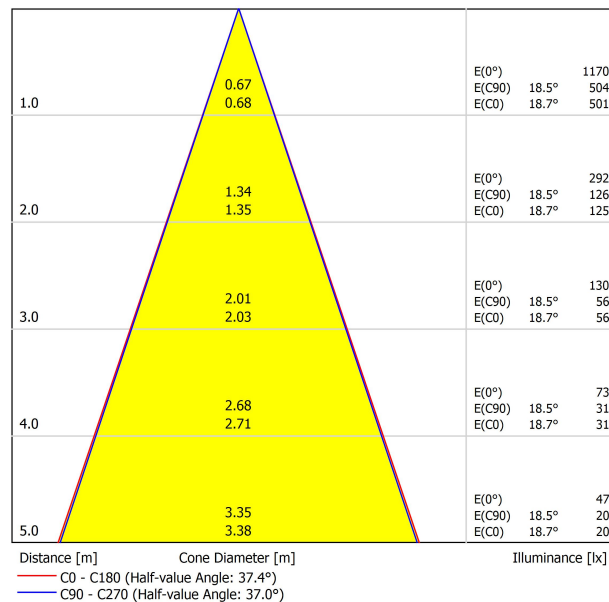
Black Foster Micro is a feat of engineering which brings the acclaimed “The Invisible Black” effect to a hyper-reduced light. Its tiny size and thin trim offer a “trimless visual” aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro 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 | | | | | | | | | | | |
|--|-----|---|------|------|------|------|--|------|------|------|------|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| p 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 | 0.7 | 1.4 | 1.0 | 1.6 | 1.8 | 0.4 | 1.0 | 0.6 | 1.2 | 1.4 |
| | 3H | 4.0 | 4.6 | 4.3 | 4.8 | 5.1 | 3.8 | 4.4 | 4.1 | 4.6 | 4.8 |
| | 4H | 5.9 | 6.4 | 6.2 | 6.7 | 6.9 | 5.6 | 6.2 | 5.9 | 6.4 | 6.7 |
| | 6H | 7.8 | 8.3 | 8.1 | 8.6 | 8.8 | 7.8 | 8.3 | 8.1 | 8.5 | 8.8 |
| | 8H | 9.0 | 9.5 | 9.3 | 9.8 | 10.1 | 8.9 | 9.4 | 9.2 | 9.7 | 10.0 |
| 4H | 12H | 10.4 | 10.8 | 10.7 | 11.1 | 11.4 | 10.3 | 10.8 | 10.6 | 11.1 | 11.4 |
| | 2H | 1.7 | 2.3 | 2.0 | 2.5 | 2.8 | 1.5 | 2.0 | 1.8 | 2.3 | 2.5 |
| | 3H | 5.2 | 5.6 | 5.5 | 5.9 | 6.2 | 5.1 | 5.5 | 5.4 | 5.8 | 6.2 |
| | 4H | 7.2 | 7.6 | 7.6 | 7.9 | 8.3 | 7.0 | 7.4 | 7.4 | 7.7 | 8.1 |
| | 6H | 9.4 | 9.7 | 9.8 | 10.1 | 10.4 | 9.4 | 9.7 | 9.8 | 10.0 | 10.4 |
| 8H | 8H | 10.7 | 11.0 | 11.1 | 11.4 | 11.8 | 10.6 | 10.9 | 11.0 | 11.3 | 11.7 |
| | 12H | 12.2 | 12.5 | 12.6 | 12.9 | 13.3 | 12.1 | 12.4 | 12.6 | 12.8 | 13.2 |
| | 4H | 8.0 | 8.3 | 8.4 | 8.7 | 9.1 | 7.9 | 8.2 | 8.3 | 8.6 | 8.9 |
| | 6H | 10.5 | 10.7 | 10.9 | 11.1 | 11.5 | 10.5 | 10.7 | 10.9 | 11.1 | 11.5 |
| | 8H | 12.0 | 12.1 | 12.4 | 12.6 | 13.0 | 11.9 | 12.1 | 12.4 | 12.5 | 13.0 |
| 12H | 12H | 13.7 | 13.8 | 14.2 | 14.3 | 14.8 | 13.7 | 13.8 | 14.1 | 14.3 | 14.7 |
| | 4H | 8.3 | 8.5 | 8.7 | 8.9 | 9.3 | 8.1 | 8.4 | 8.6 | 8.8 | 9.2 |
| | 6H | 10.8 | 11.0 | 11.3 | 11.4 | 11.9 | 10.8 | 11.0 | 11.3 | 11.4 | 11.9 |
| | 8H | 12.4 | 12.6 | 12.9 | 13.0 | 13.5 | 12.4 | 12.5 | 12.8 | 13.0 | 13.5 |
| 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 545lm Total Luminous Flux | | | | | | | | | | | |