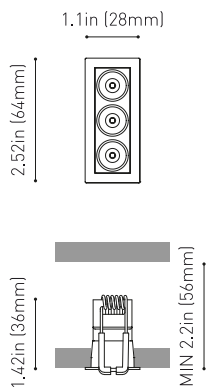




DIMENSIONS



| | |
|-----------|--|
| Name | BLACK FOSTER MICRO RECESSED 3 UL 4000K N |
| Reference | U4141012N |
| 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

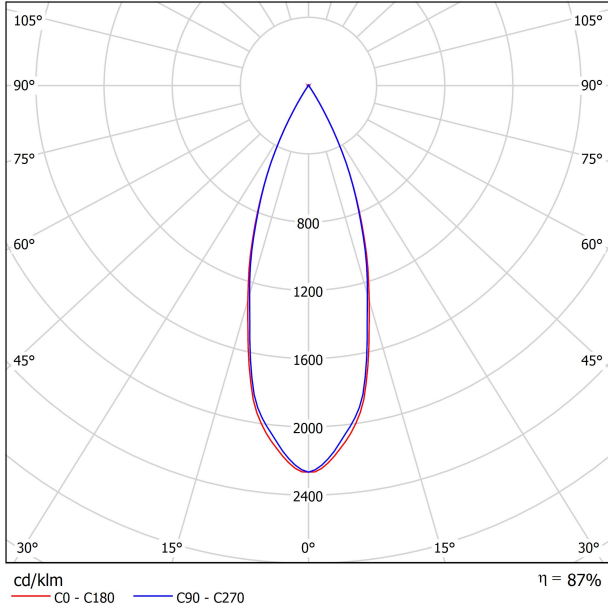
| | |
|------------------------|---|
| IC Rated | Yes |
| Environmental location | DAMP |
| Recess measurements | 0.94x2.36 in 24x60 |
| Weight | 0.12 lb 55 gr |
| Packaged weight | 0.24 lb 111.2 gr |
| Packaging dimensions | 7.32x2.56x2.13 in 186x65x54 mm |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

OTHER DATA

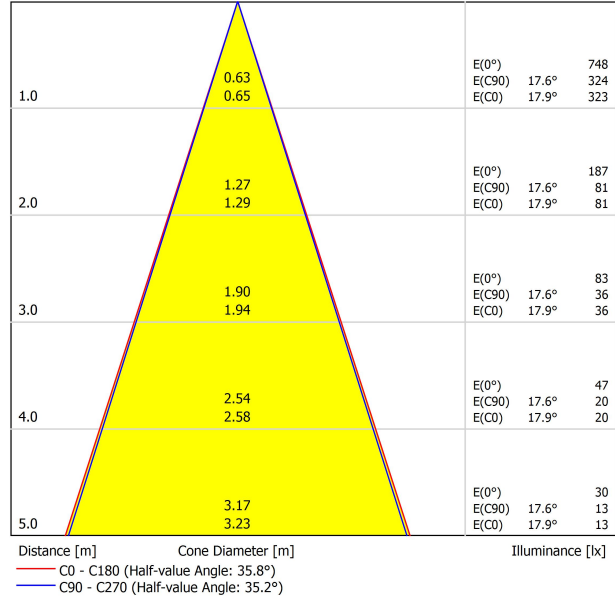


Black Foster Micro is a feat of engineering which brings the acclaimed "The Invisible Black" effect to a hyper-reduced light. Its tiny size and thin trim offer a "trimless visual" aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro 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 | | | | | | | | | | | |
|--|-------------|--|------|------|------|-------------|---|------|------|------|------|
| ρ Ceiling | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | 30 |
| ρ Walls | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | 30 |
| ρ Floor | 20 | 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 | -4.3 | -3.6 | -4.0 | -3.4 | -3.3 | -5.0 | -4.3 | -4.7 | -4.1 | -4.0 |
| | 3H | -1.2 | -0.6 | -0.9 | -0.4 | -0.2 | -1.8 | -1.2 | -1.5 | -1.0 | -0.7 |
| | 4H | 0.6 | 1.1 | 0.9 | 1.4 | 1.6 | 0.1 | 0.6 | 0.4 | 0.9 | 1.1 |
| | 6H | 3.0 | 3.5 | 3.3 | 3.8 | 4.1 | 1.9 | 2.4 | 2.2 | 2.7 | 3.0 |
| | 8H | 4.0 | 4.5 | 4.3 | 4.8 | 5.0 | 3.0 | 3.5 | 3.3 | 3.8 | 4.1 |
| 4H | 2H | -3.7 | -3.1 | -3.4 | -2.9 | -2.6 | -4.2 | -3.7 | -3.9 | -3.4 | -3.2 |
| | 3H | -0.2 | 0.2 | 0.1 | 0.5 | 0.8 | -0.7 | -0.3 | -0.4 | 0.0 | 0.3 |
| | 4H | 1.8 | 2.2 | 2.2 | 2.5 | 2.9 | 1.3 | 1.6 | 1.6 | 2.0 | 2.3 |
| | 6H | 4.5 | 4.8 | 4.9 | 5.2 | 5.6 | 3.4 | 3.8 | 3.8 | 4.1 | 4.5 |
| | 8H | 5.6 | 5.9 | 6.0 | 6.3 | 6.7 | 4.6 | 4.9 | 5.0 | 5.3 | 5.7 |
| 8H | 2H | 7.1 | 7.3 | 7.5 | 7.7 | 8.1 | 6.2 | 6.4 | 6.6 | 6.8 | 7.3 |
| | 4H | 2.6 | 2.9 | 3.0 | 3.2 | 3.6 | 2.1 | 2.4 | 2.5 | 2.8 | 3.2 |
| | 6H | 5.4 | 5.6 | 5.9 | 6.1 | 6.5 | 4.6 | 4.8 | 5.1 | 5.2 | 5.7 |
| | 8H | 6.7 | 6.9 | 7.2 | 7.3 | 7.8 | 5.9 | 6.1 | 6.4 | 6.6 | 7.0 |
| | 12H | 8.4 | 8.5 | 8.9 | 9.0 | 9.5 | 7.7 | 7.8 | 8.2 | 8.3 | 8.8 |
| 12H | 4H | 2.8 | 3.0 | 3.2 | 3.4 | 3.9 | 2.4 | 2.7 | 2.8 | 3.1 | 3.5 |
| | 6H | 5.7 | 5.9 | 6.2 | 6.3 | 6.8 | 5.0 | 5.1 | 5.4 | 5.6 | 6.1 |
| | 8H | 7.1 | 7.3 | 7.6 | 7.7 | 8.2 | 6.4 | 6.6 | 6.9 | 7.0 | 7.5 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +4.7 / -2.2 | | | | | +4.9 / -2.4 | | | | | |
| S = 1.5H | +7.4 / -2.5 | | | | | +7.6 / -2.7 | | | | | |
| S = 2.0H | +9.4 / -2.8 | | | | | +9.7 / -3.4 | | | | | |
| Standard table Correction Summand | --- | | | | | --- | | | | | |
| Corrected Glare Indices referring to 330lm Total Luminous Flux | | | | | | | | | | | |