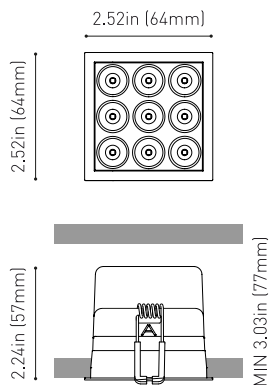




DIMENSIONS



| | |
|-----------|--|
| Name | BLACK FOSTER MICRO RECESSED 3X3 UL 3500K N |
| Reference | U4144013N |
| Color | Matt black |
| Category | Ceiling Recessed |

PRODUCT

| | |
|-----------------------|--------------------------------------|
| Type | LED |
| Gross luminous flux | Depending on Mounting Accessories Lm |
| Color temperature | 3500 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 FIXTURE | PHOTOMETRIC DATA

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

LIGHTING FIXTURE | ELECTRICAL DATA

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

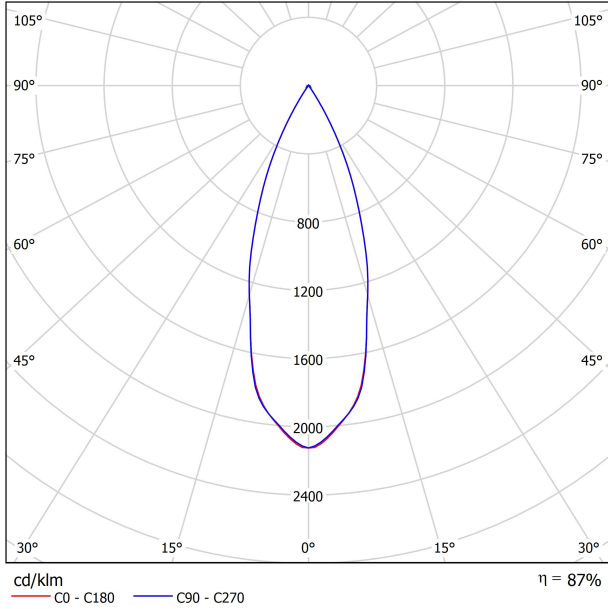
OTHER DATA

| | |
|------------------------|---|
| IC Rated | Yes |
| Environmental location | DAMP |
| Recess measurements | 2.36 x 2.36 in 60 x 60 |
| Weight | 0.44 lb 200 gr |
| Packaged weight | 0.64 lb 291 gr |
| Packaging dimensions | 6.14 x 4.13 x 2.55 in 156 x 105 x 65 mm |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

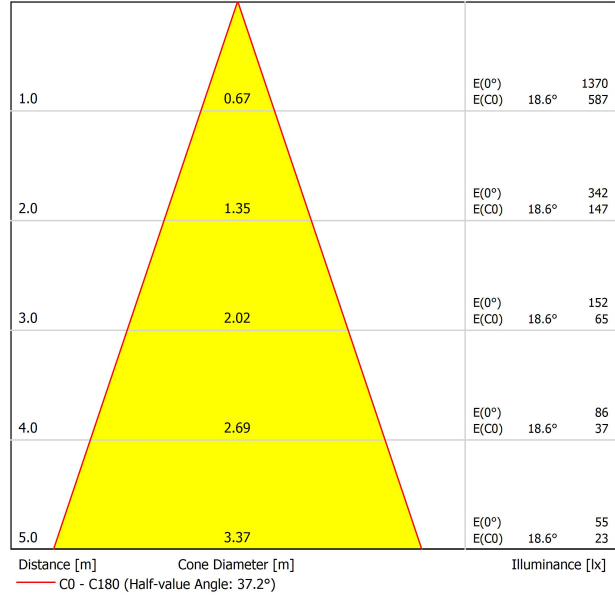


Black Foster Micro is a feat of engineering which brings the acclaimed "The Invisible Black" effect to a hyper-reduced light. Its tiny size and thin trim offer a "trimless visual" aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro 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 | 8.5 | 9.1 | 8.7 | 9.3 | 9.5 | 8.4 | 9.1 | 8.7 | 9.3 | 9.4 |
| | 3H | 8.4 | 9.0 | 8.7 | 9.2 | 9.4 | 8.4 | 8.9 | 8.6 | 9.2 | 9.4 |
| | 4H | 8.4 | 9.0 | 8.7 | 9.2 | 9.5 | 8.4 | 8.9 | 8.7 | 9.2 | 9.4 |
| | 6H | 8.5 | 9.0 | 8.8 | 9.3 | 9.5 | 8.5 | 9.0 | 8.8 | 9.2 | 9.5 |
| | 8H | 8.6 | 9.1 | 8.9 | 9.4 | 9.7 | 8.6 | 9.1 | 8.9 | 9.4 | 9.6 |
| | 12H | 8.8 | 9.2 | 9.1 | 9.5 | 9.8 | 8.8 | 9.3 | 9.1 | 9.6 | 9.9 |
| 4H | 2H | 8.3 | 8.8 | 8.6 | 9.1 | 9.3 | 8.2 | 8.8 | 8.5 | 9.0 | 9.3 |
| | 3H | 8.2 | 8.7 | 8.6 | 9.0 | 9.3 | 8.2 | 8.7 | 8.6 | 9.0 | 9.3 |
| | 4H | 8.3 | 8.7 | 8.7 | 9.0 | 9.4 | 8.3 | 8.7 | 8.7 | 9.0 | 9.4 |
| | 6H | 8.5 | 8.8 | 8.9 | 9.2 | 9.6 | 8.5 | 8.8 | 8.9 | 9.2 | 9.6 |
| | 8H | 8.7 | 9.0 | 9.1 | 9.4 | 9.8 | 8.7 | 9.0 | 9.1 | 9.4 | 9.8 |
| | 12H | 9.0 | 9.3 | 9.5 | 9.7 | 10.1 | 9.1 | 9.4 | 9.5 | 9.8 | 10.2 |
| 8H | 4H | 8.3 | 8.6 | 8.7 | 9.0 | 9.4 | 8.3 | 8.6 | 8.7 | 8.9 | 9.3 |
| | 6H | 8.6 | 8.8 | 9.0 | 9.2 | 9.7 | 8.6 | 8.8 | 9.1 | 9.2 | 9.7 |
| | 8H | 8.9 | 9.1 | 9.4 | 9.5 | 10.0 | 9.0 | 9.1 | 9.4 | 9.6 | 10.0 |
| | 12H | 9.4 | 9.6 | 9.9 | 10.0 | 10.5 | 9.6 | 9.7 | 10.1 | 10.2 | 10.7 |
| 12H | 4H | 8.3 | 8.5 | 8.7 | 8.9 | 9.4 | 8.3 | 8.5 | 8.7 | 8.9 | 9.3 |
| | 6H | 8.6 | 8.8 | 9.1 | 9.2 | 9.7 | 8.6 | 8.8 | 9.1 | 9.3 | 9.7 |
| | 8H | 9.0 | 9.2 | 9.5 | 9.6 | 10.1 | 9.1 | 9.2 | 9.5 | 9.7 | 10.2 |
| | | | | | | | | | | | |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +5.5 / -3.3 | | | | | +5.4 / -3.1 | | | | |
| S = 1.5H | | +8.2 / -3.6 | | | | | +8.1 / -3.5 | | | | |
| S = 2.0H | | +10.3 / -4.1 | | | | | +10.2 / -3.9 | | | | |
| Standard table | | BK02 | | | | | BK02 | | | | |
| Correction Summand | | -9.5 | | | | | -9.4 | | | | |
| Corrected Glare Indices referring to 645lm Total Luminous Flux | | | | | | | | | | | |