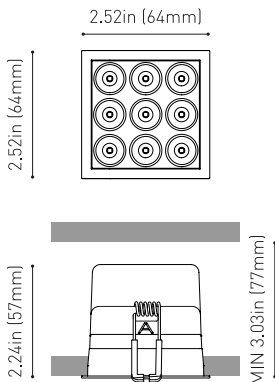




DIMENSIONS



| | |
|-----------|--|
| Name | BLACK FOSTER MICRO RECESSED 3X3 UL 3000K N |
| Reference | U4144011N |
| Color | Matt black |
| Category | CEILING RECESSED |

PRODUCT

| | |
|-----------------------|--------------------------------------|
| Type | LED |
| Gross luminous flux | Depending on Mounting Accessories Lm |
| Color temperature | 3000 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% |
| 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 | 2.36x2.36 in 60x60 |
| Weight | 0.44 lb 200 gr |
| Packaged weight | 0.63 lb 286.3 gr |
| Packaging dimensions | 6.54x4.25x2.72 in 166x108x69 mm |
| Units per package | 1 |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

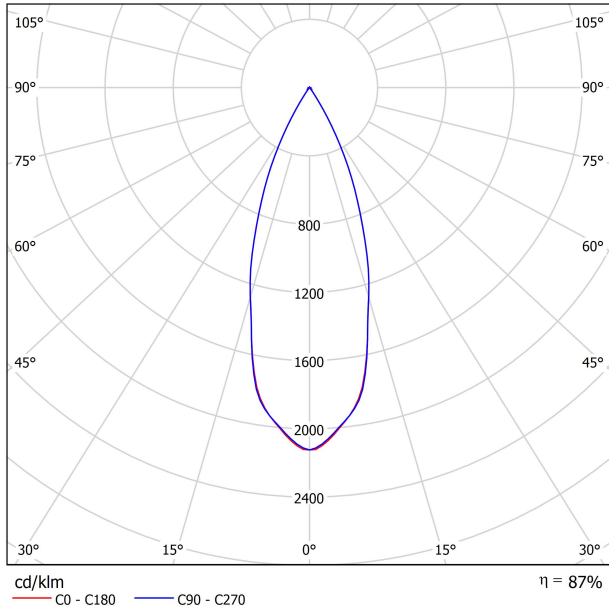
OTHER DATA



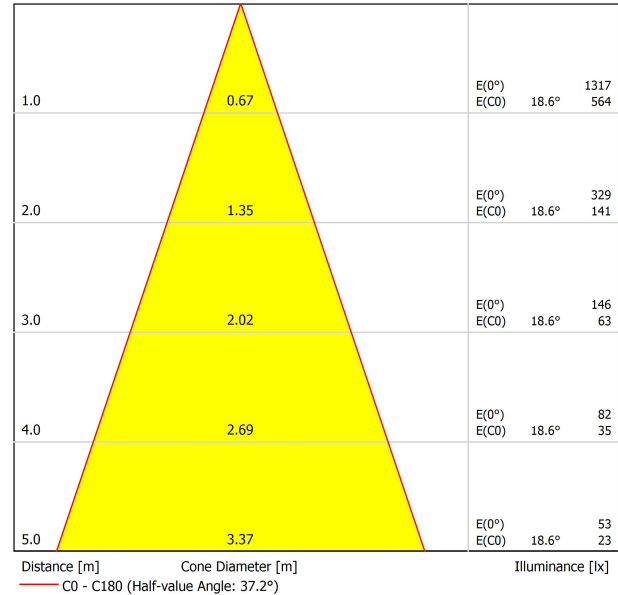
Black Foster Micro is a feat of engineering which brings the acclaimed “The Invisible Black” effect to a hyper-reduced light. Its tiny size and thin trim offer a “trimless visual” aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro 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 | 30 |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | 30 |
| p 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 | -6.5 | -5.9 | -6.3 | -5.7 | -5.5 | -6.2 | -5.5 | -5.9 | -5.3 | -5.1 | -5.1 |
| | 3H | -3.6 | -3.0 | -3.3 | -2.8 | -2.6 | -3.2 | -2.6 | -2.9 | -2.4 | -2.1 | -2.1 |
| | 4H | -1.7 | -1.1 | -1.4 | -0.9 | -0.6 | -1.4 | -0.8 | -1.1 | -0.6 | -0.3 | -0.3 |
| | 6H | 0.1 | 0.6 | 0.4 | 0.9 | 1.2 | 0.5 | 1.0 | 0.8 | 1.3 | 1.6 | 1.6 |
| | 8H | 1.4 | 1.9 | 1.7 | 2.1 | 2.4 | 1.7 | 2.2 | 2.1 | 2.5 | 2.8 | 2.8 |
| | 12H | 2.7 | 3.1 | 3.0 | 3.4 | 3.7 | 3.2 | 3.6 | 3.5 | 3.9 | 4.2 | 4.2 |
| 4H | 2H | -5.7 | -5.1 | -5.4 | -4.9 | -4.6 | -5.4 | -4.9 | -5.1 | -4.6 | -4.4 | -4.4 |
| | 3H | -2.4 | -1.9 | -2.0 | -1.6 | -1.3 | -2.1 | -1.7 | -1.8 | -1.4 | -1.1 | -1.1 |
| | 4H | -0.1 | 0.3 | 0.3 | 0.6 | 1.0 | 0.0 | 0.4 | 0.4 | 0.8 | 1.1 | 1.1 |
| | 6H | 1.8 | 2.2 | 2.2 | 2.5 | 2.9 | 2.1 | 2.5 | 2.5 | 2.8 | 3.2 | 3.2 |
| | 8H | 3.2 | 3.5 | 3.6 | 3.8 | 4.2 | 3.5 | 3.7 | 3.9 | 4.1 | 4.5 | 4.5 |
| | 12H | 4.6 | 4.8 | 5.0 | 5.2 | 5.6 | 5.0 | 5.3 | 5.5 | 5.7 | 6.1 | 6.1 |
| 8H | 4H | 0.7 | 1.0 | 1.1 | 1.4 | 1.8 | 0.8 | 1.1 | 1.2 | 1.4 | 1.8 | 1.8 |
| | 6H | 2.9 | 3.1 | 3.4 | 3.6 | 4.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.3 | 4.3 |
| | 8H | 4.4 | 4.6 | 4.9 | 5.1 | 5.5 | 4.7 | 4.8 | 5.1 | 5.3 | 5.7 | 5.7 |
| | 12H | 6.1 | 6.2 | 6.6 | 6.7 | 7.2 | 6.5 | 6.6 | 7.0 | 7.1 | 7.6 | 7.6 |
| 12H | 4H | 0.9 | 1.2 | 1.3 | 1.6 | 2.0 | 1.0 | 1.2 | 1.4 | 1.6 | 2.1 | 2.1 |
| | 6H | 3.3 | 3.5 | 3.8 | 3.9 | 4.4 | 3.5 | 3.7 | 4.0 | 4.1 | 4.6 | 4.6 |
| | 8H | 4.9 | 5.1 | 5.4 | 5.5 | 6.0 | 5.1 | 5.2 | 5.6 | 5.7 | 6.2 | 6.2 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | | |
| S = 1.0H S = 1.5H S = 2.0H | | +5.5 / -3.3 +8.2 / -3.6 +10.3 / -4.1 | | | | | +5.4 / -3.1 +8.1 / -3.5 +10.2 / -3.9 | | | | | |
| Standard table | | BK02 | | | | | BK02 | | | | | |
| Correction Summand | | -8.0 | | | | | -7.9 | | | | | |
| Corrected Glare Indices referring to 620lm Total Luminous Flux | | | | | | | | | | | | |