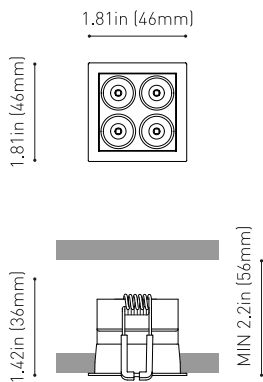




DIMENSIONS



| | |
|------------------|--|
| Name | BLACK FOSTER MICRO RECESSED 2X2 UL 2700K W |
| Reference | U4143010W |
| Color | Matt white |
| Category | Ceiling Recessed |

PRODUCT

| | |
|------------------------------|--------------------------------------|
| Type | LED |
| Gross luminous flux | Depending on Mounting Accessories Lm |
| Color temperature | 2700 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 |

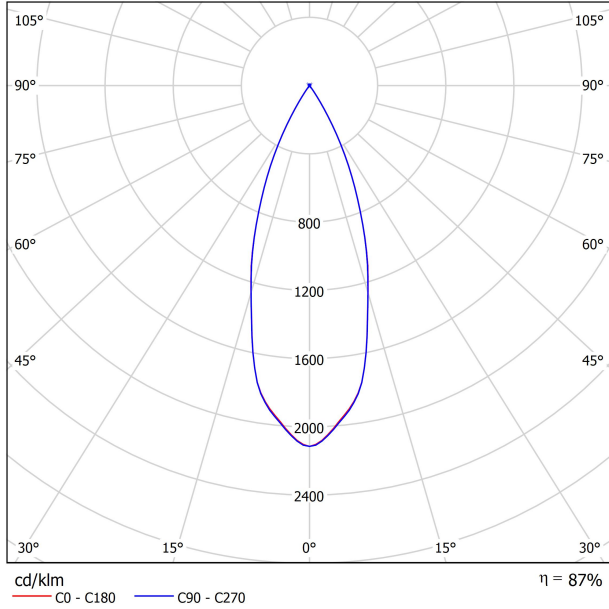
OTHER DATA

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

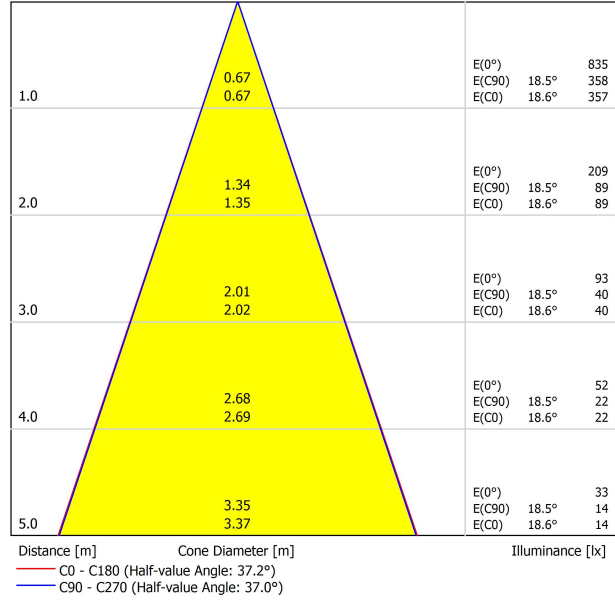


Black Foster Micro is a feat of engineering which brings the acclaimed "The Invisible Black" effect to a hyper-reduced light. Its tiny size and thin trim offer a "trimless visual" aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro 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 | -6.6 | -6.0 | -6.4 | -5.8 | -5.6 | -7.3 | -6.6 | -7.0 | -6.5 | -6.3 |
| | 3H | -3.5 | -2.9 | -3.2 | -2.7 | -2.4 | -3.4 | -2.8 | -3.1 | -2.6 | -2.4 |
| | 4H | -1.8 | -1.3 | -1.5 | -1.0 | -0.8 | -1.4 | -0.9 | -1.1 | -0.6 | -0.4 |
| | 6H | 0.5 | 1.0 | 0.8 | 1.2 | 1.5 | 0.7 | 1.2 | 1.0 | 1.5 | 1.8 |
| | 8H | 1.7 | 2.1 | 2.0 | 2.4 | 2.7 | 1.7 | 2.2 | 2.1 | 2.5 | 2.8 |
| 4H | 12H | 2.8 | 3.2 | 3.1 | 3.5 | 3.9 | 2.8 | 3.3 | 3.2 | 3.6 | 3.9 |
| | 2H | -5.8 | -5.2 | -5.5 | -5.0 | -4.7 | -6.2 | -5.7 | -5.9 | -5.4 | -5.2 |
| | 3H | -2.3 | -1.8 | -2.0 | -1.6 | -1.2 | -2.3 | -1.8 | -1.9 | -1.5 | -1.2 |
| | 4H | -0.4 | -0.0 | -0.1 | 0.3 | 0.6 | -0.0 | 0.3 | 0.3 | 0.7 | 1.0 |
| | 6H | 2.1 | 2.4 | 2.5 | 2.8 | 3.1 | 2.3 | 2.6 | 2.7 | 3.0 | 3.4 |
| 8H | 8H | 3.4 | 3.7 | 3.8 | 4.0 | 4.4 | 3.4 | 3.7 | 3.8 | 4.1 | 4.5 |
| | 12H | 4.6 | 4.9 | 5.0 | 5.3 | 5.7 | 4.6 | 4.9 | 5.1 | 5.3 | 5.7 |
| | 4H | 0.4 | 0.7 | 0.8 | 1.1 | 1.5 | 0.7 | 1.0 | 1.1 | 1.4 | 1.8 |
| 12H | 6H | 3.1 | 3.3 | 3.6 | 3.7 | 4.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.4 |
| | 8H | 4.6 | 4.8 | 5.1 | 5.2 | 5.7 | 4.6 | 4.8 | 5.1 | 5.2 | 5.7 |
| | 12H | 6.0 | 6.2 | 6.5 | 6.6 | 7.1 | 6.0 | 6.2 | 6.5 | 6.6 | 7.1 |
| 12H | 4H | 0.7 | 0.9 | 1.1 | 1.3 | 1.8 | 1.0 | 1.2 | 1.4 | 1.6 | 2.0 |
| | 6H | 3.4 | 3.6 | 3.9 | 4.1 | 4.5 | 3.6 | 3.8 | 4.1 | 4.3 | 4.7 |
| | 8H | 5.0 | 5.1 | 5.5 | 5.6 | 6.1 | 5.0 | 5.1 | 5.5 | 5.6 | 6.1 |
| 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 395lm Total Luminous Flux | | | | | | | | | | | |