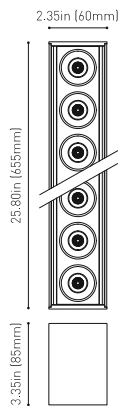




DIMENSIONS



AWARDS



PRODUCT

| | |
|-----------|--|
| Name | BLACK FOSTER SURF 15 UL FLOOD 3000K WT |
| Reference | U3206011WT |
| Color | Textured white |
| Category | SURFACE |

LIGHT SOURCE

| | |
|-----------------------|-----------------|
| Type | LED |
| Gross luminous flux | 3150 Lm |
| Color temperature | 3000 K |
| Chromatic stability | MacAdam Step 3 |
| Color Rendering Index | CRI>90 |
| Power | 31.5 W |
| Current | 700 mA |
| Efficacy | 100 Lm/W |
| LED lifespan | L80B10 >60,000h |

LIGHTING FIXTURE | PHOTOMETRIC DATA

| | |
|-------------------------|---------|
| Lighting efficiency | 92% |
| Delivered luminous flux | 2898 Lm |
| Light beam angle | 38° |

LIGHTING FIXTURE | ELECTRICAL DATA

| | |
|----------------------------|--|
| Driver | Included: ERP-PSB series or similar |
| Power values of the system | 37,00 W |
| Frequency | 50/60 Hz |
| Dimming | 0-10V / TRIAC/ELV dimming only at 120V |

OTHER DATA

| | |
|---------------------------------|---|
| Environmental location | DAMP |
| Junction box cover | Included. For octagonal Junction box |
| Junction box cover color | Textured white. Other finishing, please consult |
| Junction box cover measurements | Ø4.33 in Ø110 mm |
| Weight | 4.52 lb 2050 gr |
| Packaged weight | 6.48 lb 2940 gr |
| Packaging dimensions | Ø5.04x28.74 in Ø128x730 mm |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

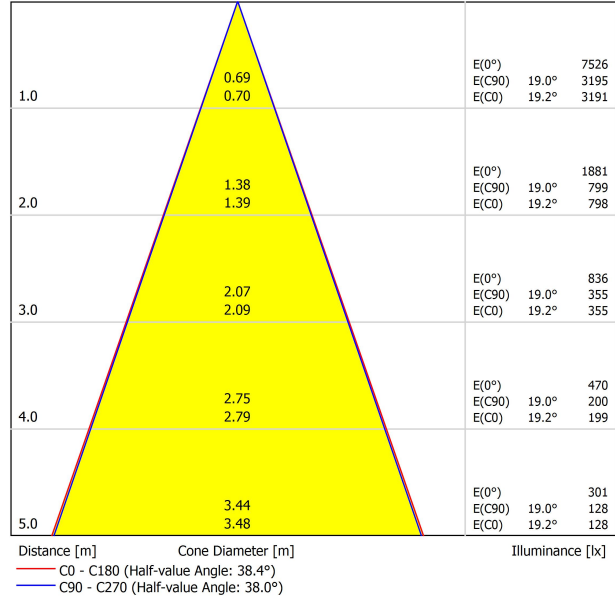


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

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 | -13.5 | -12.9 | -13.3 | -12.7 | -12.5 | -14.4 | -13.7 | -14.1 | -13.6 | -13.4 |
| | 3H | -7.2 | -6.6 | -6.9 | -6.4 | -6.1 | -7.1 | -6.5 | -6.8 | -6.3 | -6.0 |
| | 4H | -3.7 | -3.1 | -3.4 | -2.9 | -2.6 | -3.1 | -2.6 | -2.8 | -2.3 | -2.1 |
| | 6H | -0.0 | 0.5 | 0.3 | 0.7 | 1.0 | 0.3 | 0.8 | 0.7 | 1.1 | 1.4 |
| | 8H | 1.8 | 2.3 | 2.1 | 2.6 | 2.9 | 2.1 | 2.6 | 2.5 | 2.9 | 3.2 |
| 4H | 12H | 3.8 | 4.3 | 4.2 | 4.6 | 4.9 | 4.2 | 4.6 | 4.5 | 4.9 | 5.2 |
| | 2H | -10.9 | -10.4 | -10.6 | -10.1 | -9.9 | -11.3 | -10.8 | -11.0 | -10.5 | -10.2 |
| | 3H | -5.0 | -4.5 | -4.6 | -4.2 | -3.9 | -4.8 | -4.3 | -4.4 | -4.0 | -3.7 |
| | 4H | -1.5 | -1.1 | -1.2 | -0.8 | -0.5 | -1.1 | -0.7 | -0.7 | -0.4 | -0.0 |
| | 6H | 2.0 | 2.3 | 2.4 | 2.7 | 3.1 | 2.3 | 2.6 | 2.7 | 3.0 | 3.4 |
| 8H | 8H | 3.9 | 4.2 | 4.3 | 4.6 | 5.0 | 4.2 | 4.5 | 4.6 | 4.8 | 5.2 |
| | 12H | 5.9 | 6.2 | 6.4 | 6.6 | 7.0 | 6.3 | 6.5 | 6.7 | 6.9 | 7.3 |
| | 4H | 0.0 | 0.3 | 0.4 | 0.7 | 1.1 | 0.3 | 0.6 | 0.7 | 1.0 | 1.4 |
| | 6H | 3.6 | 3.9 | 4.1 | 4.3 | 4.7 | 3.8 | 4.1 | 4.3 | 4.5 | 4.9 |
| | 8H | 5.6 | 5.8 | 6.1 | 6.2 | 6.7 | 5.8 | 6.0 | 6.3 | 6.4 | 6.9 |
| 12H | 12H | 7.8 | 7.9 | 8.3 | 8.4 | 8.9 | 8.0 | 8.2 | 8.5 | 8.6 | 9.1 |
| | 4H | 0.5 | 0.8 | 1.0 | 1.2 | 1.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.8 |
| | 6H | 4.2 | 4.4 | 4.7 | 4.9 | 5.3 | 4.4 | 4.6 | 4.9 | 5.0 | 5.5 |
| | 8H | 6.3 | 6.5 | 6.8 | 6.9 | 7.4 | 6.5 | 6.6 | 7.0 | 7.1 | 7.6 |
| | Variation of the observer position for the luminaire distances S | | | | | | | | | | |
| S = 1.0H | +0.9 / -0.3 | | | | | +1.3 / -0.4 | | | | | |
| S = 1.5H | +1.9 / -0.6 | | | | | +2.7 / -0.7 | | | | | |
| S = 2.0H | +3.1 / -0.8 | | | | | +4.2 / -1.0 | | | | | |
| Standard table Correction Summand | --- | | | | | --- | | | | | |
| Corrected Glare Indices referring to 3150lm Total Luminous Flux | | | | | | | | | | | |