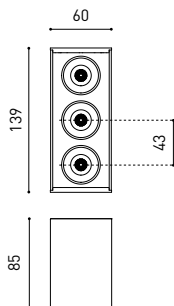




DIMENSIONS



AWARDS



| | |
|-----------|----------------------------------|
| Name | BLACK FOSTER SURF 3 38° 2700K NT |
| Reference | A3203010NT |
| Color | Textured black |
| RAL | 9005 |
| Category | SURFACE |

PRODUCT

| | |
|-----------------------------|---------------------------|
| Light source | LED |
| Gross luminous flux | 570 Lm |
| Power | 6,3 W |
| Power values of the system | 8,40 W |
| Colour temperature | 2700 K |
| Colour Rendering Index | CRI>90 |
| Chromatic stability | MacAdam Step 3 |
| Light beam angle | 38° |
| Lighting efficiency | 90% |
| Efficacy | 90 Lm/W |
| Current intensity | 700 mA |
| Control through bluetooth | Please Consult |
| Driver | Included |
| Electrical insulation class | <input type="checkbox"/> |
| Voltage | 220 V/240 V |
| Frequency | 50/60 Hz |
| Energy efficiency | A+ |
| LED lifespan | L80B10 (Tc=85°C) >60.000h |

LIGHTING INFORMATION

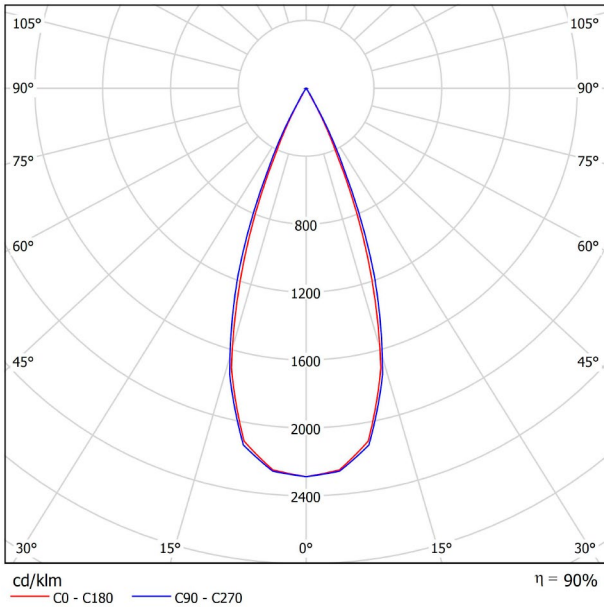
| | |
|----------------------|---|
| Ingress Protection | IP20 |
| Weight | 490 g. |
| Packaged weight | 530 g. |
| Packaging dimensions | 175 × 93 × 70 mm |
| Units per package | 1 |
| Materials | Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate |

OTHER DATA

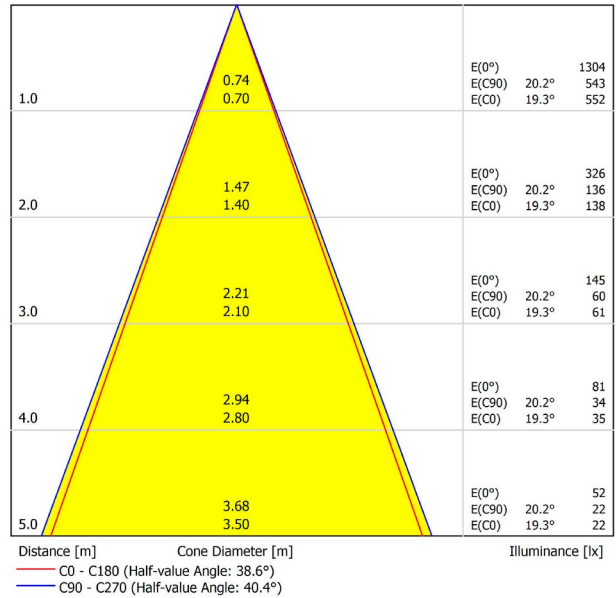


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR | | | | | | | | | | | |
|--|-------------|--|-------|-------|-------|-------------|---|-------|-------|-------|-------|
| ρ Ceiling | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
| 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 | -11.8 | -11.1 | -11.5 | -11.0 | -10.8 | -11.9 | -11.2 | -11.6 | -11.0 | -10.8 |
| | 3H | -6.8 | -6.2 | -6.5 | -6.0 | -5.8 | -5.9 | -5.3 | -5.6 | -5.1 | -4.9 |
| | 4H | -3.8 | -3.2 | -3.5 | -3.0 | -2.7 | -2.5 | -2.0 | -2.2 | -1.7 | -1.5 |
| | 6H | -0.4 | 0.1 | -0.1 | 0.4 | 0.7 | 1.1 | 1.6 | 1.4 | 1.8 | 2.1 |
| | 8H | 1.4 | 1.9 | 1.7 | 2.2 | 2.5 | 2.9 | 3.3 | 3.2 | 3.6 | 3.9 |
| 4H | 12H | 3.3 | 3.8 | 3.7 | 4.1 | 4.4 | 4.8 | 5.3 | 5.1 | 5.6 | 5.9 |
| | 2H | -10.1 | -9.6 | -9.8 | -9.3 | -9.1 | -10.2 | -9.6 | -9.9 | -9.4 | -9.1 |
| | 3H | -5.0 | -4.6 | -4.7 | -4.3 | -4.0 | -4.3 | -3.9 | -4.0 | -3.6 | -3.2 |
| | 4H | -2.0 | -1.6 | -1.6 | -1.3 | -0.9 | -1.0 | -0.6 | -0.6 | -0.2 | 0.1 |
| | 6H | 1.5 | 1.8 | 1.9 | 2.2 | 2.5 | 2.7 | 3.0 | 3.1 | 3.4 | 3.8 |
| 8H | 8H | 3.3 | 3.6 | 3.7 | 4.0 | 4.4 | 4.6 | 4.9 | 5.0 | 5.3 | 5.7 |
| | 12H | 5.3 | 5.6 | 5.8 | 6.0 | 6.4 | 6.7 | 6.9 | 7.1 | 7.3 | 7.7 |
| | 4H | -0.7 | -0.5 | -0.3 | -0.1 | 0.3 | -0.0 | 0.3 | 0.4 | 0.7 | 1.1 |
| | 6H | 2.9 | 3.1 | 3.3 | 3.5 | 4.0 | 3.9 | 4.1 | 4.3 | 4.5 | 4.9 |
| | 8H | 4.9 | 5.0 | 5.3 | 5.5 | 6.0 | 5.9 | 6.1 | 6.4 | 6.6 | 7.0 |
| 12H | 12H | 7.0 | 7.2 | 7.5 | 7.6 | 8.1 | 8.2 | 8.3 | 8.7 | 8.8 | 9.3 |
| | 4H | -0.2 | 0.1 | 0.2 | 0.5 | 0.9 | 0.4 | 0.6 | 0.8 | 1.0 | 1.4 |
| | 6H | 3.4 | 3.6 | 3.9 | 4.1 | 4.5 | 4.3 | 4.4 | 4.7 | 4.9 | 5.4 |
| 8H | 5.5 | 5.6 | 6.0 | 6.1 | 6.6 | 6.4 | 6.6 | 6.9 | 7.0 | 7.5 | |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +0.7 / -0.3 | | | | | +1.3 / -0.4 | | | | | |
| S = 1.5H | +1.4 / -0.5 | | | | | +2.7 / -0.7 | | | | | |
| S = 2.0H | +2.4 / -0.8 | | | | | +4.2 / -0.9 | | | | | |
| Standard table | --- | | | | | --- | | | | | |
| Correction Summand | --- | | | | | --- | | | | | |
| Corrected Glare Indices referring to 570lm Total Luminous Flux | | | | | | | | | | | |