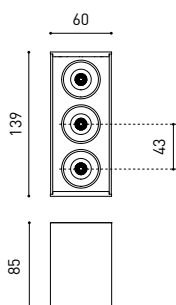




DIMENSIONS



AWARDS



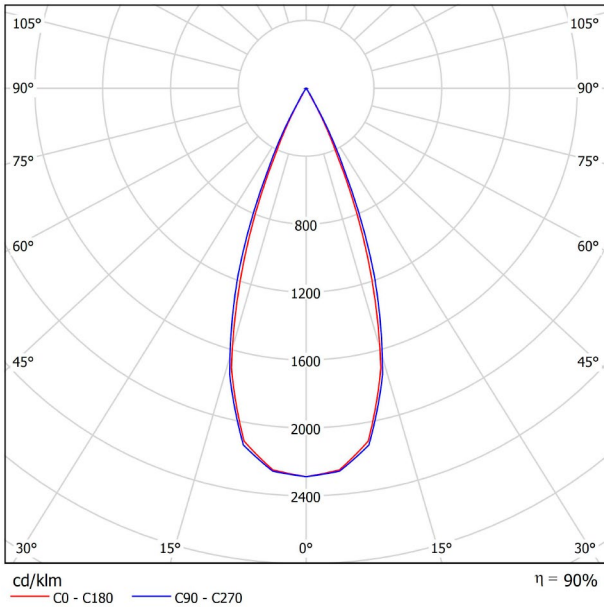
INTERIOR DESIGN

| | |
|-----------------------------|---|
| PRODUCT | |
| Name | BLACK FOSTER SURF 3 38° 3000K NT |
| Reference | A3203011NT |
| Color | Textured black |
| RAL | 9005 |
| Category | SURFACE |
| LIGHTING INFORMATION | |
| Light source | LED |
| Gross luminous flux | 630 Lm |
| Power | 6,3 W |
| Power values of the system | 8,40 W |
| Colour temperature | 3000 K |
| Colour Rendering Index | CRI>90 |
| Chromatic stability | MacAdam Step 3 |
| Light beam angle | 38° |
| Lighting efficiency | 90% |
| Efficacy | 100 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 |
| OTHER DATA | |
| 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 |

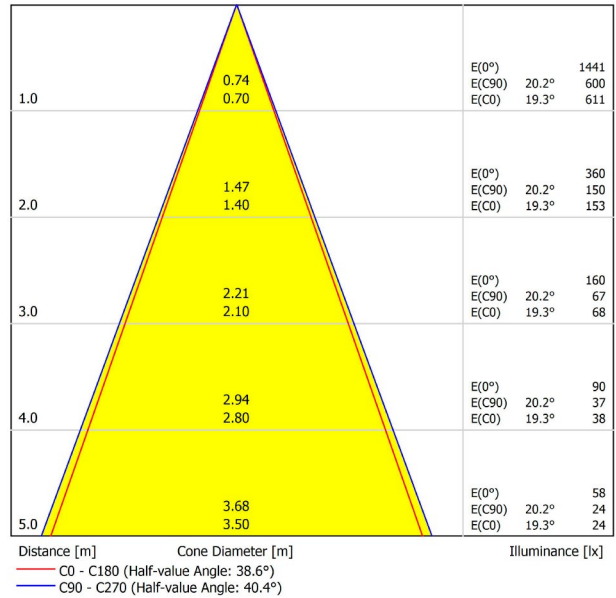


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR | | | | | | | | | | | | | |
|--|-----|---|-------|-------|-------|-------|--|-------|-------|-------|-------|----|----|
| ρ Ceiling | | 70 | 70 | 50 | 50 | 30 | ρ Walls | | 50 | 30 | 50 | 30 | 30 |
| ρ Floor | | 20 | 20 | 20 | 20 | 20 | ρ Floor | | 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 | -11.4 | -10.8 | -11.2 | -10.6 | -10.4 | -11.5 | -10.9 | -11.3 | -10.7 | -10.5 | | |
| | 3H | -6.4 | -5.9 | -6.2 | -5.6 | -5.4 | -5.6 | -5.0 | -5.3 | -4.7 | -4.5 | | |
| | 4H | -3.4 | -2.9 | -3.1 | -2.6 | -2.4 | -2.2 | -1.6 | -1.9 | -1.4 | -1.1 | | |
| | 6H | -0.0 | 0.5 | 0.3 | 0.7 | 1.0 | 1.4 | 1.9 | 1.7 | 2.2 | 2.5 | | |
| | 8H | 1.7 | 2.2 | 2.1 | 2.5 | 2.8 | 3.2 | 3.7 | 3.5 | 4.0 | 4.3 | | |
| 4H | 12H | 3.7 | 4.1 | 4.0 | 4.4 | 4.7 | 5.1 | 5.6 | 5.5 | 5.9 | 6.2 | | |
| | 2H | -9.8 | -9.2 | -9.5 | -9.0 | -8.7 | -9.8 | -9.3 | -9.5 | -9.0 | -8.8 | | |
| | 3H | -4.7 | -4.2 | -4.3 | -3.9 | -3.6 | -4.0 | -3.5 | -3.6 | -3.2 | -2.9 | | |
| | 4H | -1.6 | -1.3 | -1.3 | -0.9 | -0.6 | -0.6 | -0.2 | -0.2 | 0.1 | 0.5 | | |
| | 6H | 1.8 | 2.2 | 2.2 | 2.5 | 2.9 | 3.1 | 3.4 | 3.5 | 3.8 | 4.1 | | |
| 8H | 8H | 3.7 | 4.0 | 4.1 | 4.3 | 4.7 | 5.0 | 5.3 | 5.4 | 5.6 | 6.0 | | |
| | 12H | 5.7 | 5.9 | 6.1 | 6.3 | 6.7 | 7.0 | 7.3 | 7.5 | 7.7 | 8.1 | | |
| | 4H | -0.4 | -0.1 | 0.0 | 0.3 | 0.7 | 0.3 | 0.6 | 0.8 | 1.0 | 1.4 | | |
| | 6H | 3.2 | 3.5 | 3.7 | 3.9 | 4.3 | 4.2 | 4.4 | 4.7 | 4.9 | 5.3 | | |
| | 8H | 5.2 | 5.4 | 5.7 | 5.8 | 6.3 | 6.3 | 6.5 | 6.7 | 6.9 | 7.4 | | |
| 12H | 12H | 7.4 | 7.5 | 7.9 | 8.0 | 8.5 | 8.5 | 8.7 | 9.0 | 9.1 | 9.6 | | |
| | 4H | 0.2 | 0.4 | 0.6 | 0.8 | 1.2 | 0.7 | 1.0 | 1.1 | 1.4 | 1.8 | | |
| | 6H | 3.8 | 4.0 | 4.3 | 4.4 | 4.9 | 4.6 | 4.8 | 5.1 | 5.2 | 5.7 | | |
| 8H | 5.8 | 6.0 | 6.3 | 6.4 | 6.9 | 6.8 | 6.9 | 7.3 | 7.4 | 7.9 | | | |
| 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 630lm Total Luminous Flux | | | | | | | | | | | | | |