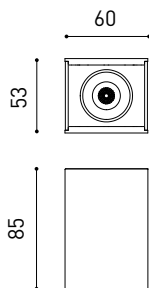




## DIMENSIONS



## AWARDS



|           |                                    |
|-----------|------------------------------------|
| Name      | BLACK FOSTER SURF 1 FLOOD 2700K NT |
| Reference | A3201010NT                         |
| Color     | Textured black                     |
| RAL       | 9005                               |
| Category  | SURFACE                            |

## PRODUCT

|                             |                           |
|-----------------------------|---------------------------|
| Light source                | LED                       |
| Gross luminous flux         | 190 Lm                    |
| Power                       | 2,1 W                     |
| Power values of the system  | 3,00 W                    |
| Colour temperature          | 2700 K                    |
| Colour Rendering Index      | CRI>90                    |
| Chromatic stability         | MacAdam Step 3            |
| Light beam angle            | 38°                       |
| Lighting efficiency         | 92%                       |
| Efficacy                    | 90 Lm/W                   |
| Current intensity           | 700 mA                    |
| Control through bluetooth   | Please Consult            |
| Driver                      | Included                  |
| Electrical insulation class | □                         |
| Voltage                     | 220 V/240 V               |
| Frequency                   | 50/60 Hz                  |
| Energy efficiency           | A++                       |
| LED lifespan                | L80B10 (Tc=85°C) >60.000h |

## LIGHTING INFORMATION

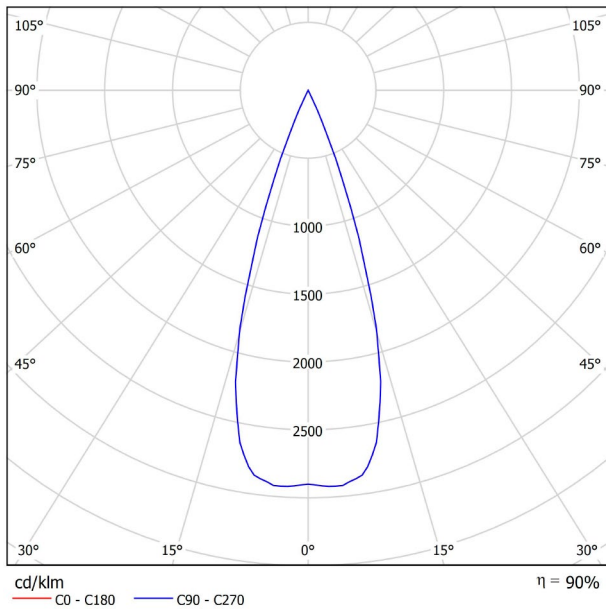
|                      |                                                             |
|----------------------|-------------------------------------------------------------|
| Ingress Protection   | IP20                                                        |
| Weight               | 260 g.                                                      |
| Packaged weight      | 310 g.                                                      |
| Packaging dimensions | 254 × 93 × 70 mm                                            |
| Units per package    | 1                                                           |
| Materials            | Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate |

## OTHER DATA

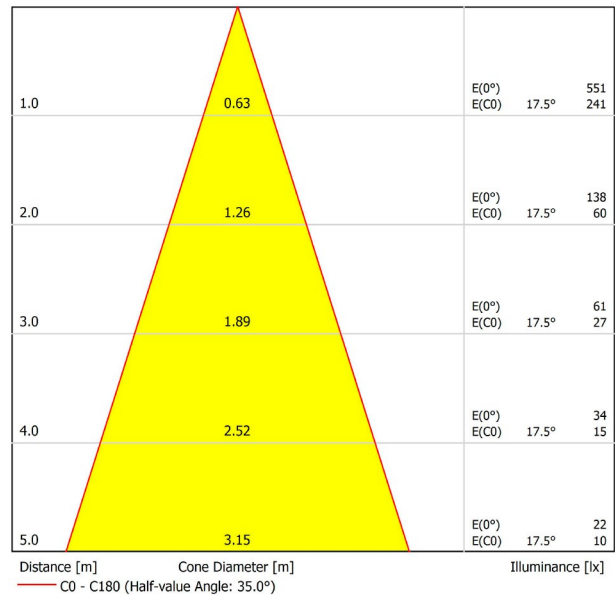


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                              |                                                                  |                                                   |      |      |      |      |                                            |      |      |      |      |  |
|----------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------|------|------|------|------|--------------------------------------------|------|------|------|------|--|
| p Ceiling                                                      |                                                                  | 70                                                | 70   | 50   | 50   | 30   | 70                                         | 70   | 50   | 50   | 30   |  |
| p Walls                                                        |                                                                  | 50                                                | 30   | 50   | 30   | 30   | 50                                         | 30   | 50   | 30   | 30   |  |
| p Floor                                                        |                                                                  | 20                                                | 20   | 20   | 20   | 20   | 20                                         | 20   | 20   | 20   | 20   |  |
| Room Size<br>X Y                                               |                                                                  | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |  |
| 2H                                                             | 2H                                                               | -6.7                                              | -6.1 | -6.4 | -5.9 | -5.7 | -6.7                                       | -6.1 | -6.4 | -5.9 | -5.7 |  |
|                                                                | 3H                                                               | -6.8                                              | -6.2 | -6.5 | -6.0 | -5.8 | -6.8                                       | -6.2 | -6.5 | -6.0 | -5.8 |  |
|                                                                | 4H                                                               | -6.9                                              | -6.4 | -6.6 | -6.1 | -5.8 | -6.9                                       | -6.4 | -6.6 | -6.1 | -5.8 |  |
|                                                                | 6H                                                               | -7.0                                              | -6.5 | -6.6 | -6.2 | -5.9 | -7.0                                       | -6.5 | -6.6 | -6.2 | -5.9 |  |
|                                                                | 8H                                                               | -7.0                                              | -6.5 | -6.7 | -6.2 | -5.9 | -7.0                                       | -6.5 | -6.7 | -6.2 | -5.9 |  |
| 4H                                                             | 12H                                                              | -7.0                                              | -6.6 | -6.7 | -6.3 | -6.0 | -7.0                                       | -6.6 | -6.7 | -6.3 | -6.0 |  |
|                                                                | 2H                                                               | -6.9                                              | -6.4 | -6.6 | -6.1 | -5.8 | -6.9                                       | -6.4 | -6.6 | -6.1 | -5.8 |  |
|                                                                | 3H                                                               | -7.0                                              | -6.6 | -6.7 | -6.3 | -6.0 | -7.0                                       | -6.6 | -6.7 | -6.3 | -6.0 |  |
|                                                                | 4H                                                               | -7.1                                              | -6.7 | -6.7 | -6.4 | -6.1 | -7.1                                       | -6.7 | -6.7 | -6.4 | -6.1 |  |
|                                                                | 6H                                                               | -7.2                                              | -6.9 | -6.8 | -6.5 | -6.1 | -7.2                                       | -6.9 | -6.8 | -6.5 | -6.1 |  |
| 8H                                                             | 8H                                                               | -7.2                                              | -6.9 | -6.8 | -6.6 | -6.2 | -7.2                                       | -6.9 | -6.8 | -6.6 | -6.2 |  |
|                                                                | 12H                                                              | -7.3                                              | -7.0 | -6.8 | -6.6 | -6.2 | -7.3                                       | -7.0 | -6.8 | -6.6 | -6.2 |  |
|                                                                | 4H                                                               | -7.2                                              | -6.9 | -6.8 | -6.6 | -6.2 | -7.2                                       | -6.9 | -6.8 | -6.6 | -6.2 |  |
|                                                                | 6H                                                               | -7.3                                              | -7.1 | -6.9 | -6.7 | -6.2 | -7.3                                       | -7.1 | -6.9 | -6.7 | -6.2 |  |
|                                                                | 8H                                                               | -7.4                                              | -7.2 | -6.9 | -6.8 | -6.3 | -7.4                                       | -7.2 | -6.9 | -6.8 | -6.3 |  |
| 12H                                                            | 12H                                                              | -7.4                                              | -7.3 | -6.9 | -6.8 | -6.3 | -7.4                                       | -7.3 | -6.9 | -6.8 | -6.3 |  |
|                                                                | 4H                                                               | -7.3                                              | -7.0 | -6.8 | -6.6 | -6.2 | -7.3                                       | -7.0 | -6.8 | -6.6 | -6.2 |  |
|                                                                | 6H                                                               | -7.4                                              | -7.2 | -6.9 | -6.8 | -6.3 | -7.4                                       | -7.2 | -6.9 | -6.8 | -6.3 |  |
|                                                                | 8H                                                               | -7.4                                              | -7.3 | -6.9 | -6.8 | -6.3 | -7.4                                       | -7.3 | -6.9 | -6.8 | -6.3 |  |
|                                                                | Variation of the observer position for the luminaire distances S |                                                   |      |      |      |      |                                            |      |      |      |      |  |
| S = 1.0H                                                       |                                                                  | +0.0 / 0.0                                        |      |      |      |      | +0.0 / 0.0                                 |      |      |      |      |  |
| S = 1.5H                                                       |                                                                  | +0.0 / 0.0                                        |      |      |      |      | +0.0 / 0.0                                 |      |      |      |      |  |
| S = 2.0H                                                       |                                                                  | +0.0 / 0.0                                        |      |      |      |      | +0.0 / 0.0                                 |      |      |      |      |  |
| Standard table                                                 |                                                                  | BK00                                              |      |      |      |      | BK00                                       |      |      |      |      |  |
| Correction<br>Summand                                          |                                                                  | -20.0                                             |      |      |      |      | -20.0                                      |      |      |      |      |  |
| Corrected Glare Indices referring to 190lm Total Luminous Flux |                                                                  |                                                   |      |      |      |      |                                            |      |      |      |      |  |