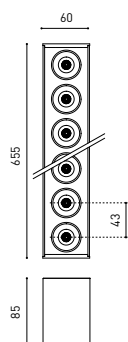




## DIMENSIONS



## AWARDS



|           |                                   |
|-----------|-----------------------------------|
| Name      | BLACK FOSTER SURF 15 38° 3000K WT |
| Reference | A3206011WT                        |
| Color     | Textured white                    |
| RAL       | 9016                              |
| Category  | SURFACE                           |

## PRODUCT

|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| Light source                | LED                                                                                  |
| Gross luminous flux         | 3150 Lm                                                                              |
| Power                       | 31,5 W                                                                               |
| Power values of the system  | 35,80 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 |  |
| Voltage                     | 220 V/240 V                                                                          |
| Frequency                   | 50/60 Hz                                                                             |
| Energy efficiency           | A+                                                                                   |
| LED lifespan                | L80B10 (Tc=85°C) >60.000h                                                            |

## LIGHTING INFORMATION

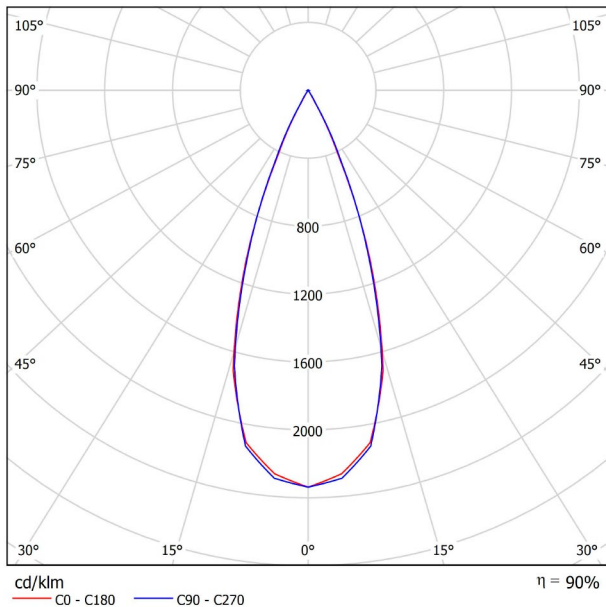
|                      |                                                             |
|----------------------|-------------------------------------------------------------|
| Ingress Protection   | IP20                                                        |
| Weight               | 1900 g.                                                     |
| Packaged weight      | 2750 g.                                                     |
| Packaging dimensions | D128 x 480 mm                                               |
| Units per package    | 1                                                           |
| Materials            | Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate |

## OTHER DATA

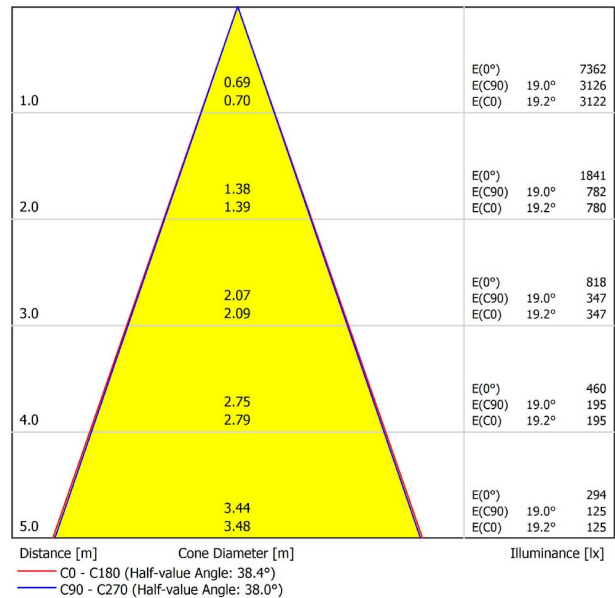


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

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<br>X Y                                                 |     | Viewing direction at right angles<br>to lamp axis |       |       |       |       | Viewing direction parallel<br>to lamp axis |       |       |       |       |  |
| 2H                                                               | 2H  | -13.6                                             | -12.9 | -13.3 | -12.8 | -12.6 | -14.4                                      | -13.8 | -14.2 | -13.6 | -13.4 |  |
|                                                                  | 3H  | -7.3                                              | -6.7  | -7.0  | -6.5  | -6.2  | -7.1                                       | -6.6  | -6.9  | -6.3  | -6.1  |  |
|                                                                  | 4H  | -3.8                                              | -3.2  | -3.5  | -3.0  | -2.7  | -3.2                                       | -2.6  | -2.9  | -2.4  | -2.1  |  |
|                                                                  | 6H  | -0.1                                              | 0.4   | 0.2   | 0.7   | 0.9   | 0.3                                        | 0.8   | 0.6   | 1.0   | 1.3   |  |
|                                                                  | 8H  | 1.7                                               | 2.2   | 2.1   | 2.5   | 2.8   | 2.1                                        | 2.5   | 2.4   | 2.8   | 3.1   |  |
| 4H                                                               | 12H | 3.7                                               | 4.2   | 4.1   | 4.5   | 4.8   | 4.1                                        | 4.5   | 4.4   | 4.9   | 5.2   |  |
|                                                                  | 2H  | -11.0                                             | -10.5 | -10.7 | -10.2 | -10.0 | -11.4                                      | -10.8 | -11.1 | -10.6 | -10.3 |  |
|                                                                  | 3H  | -5.0                                              | -4.6  | -4.7  | -4.3  | -4.0  | -4.9                                       | -4.4  | -4.5  | -4.1  | -3.8  |  |
|                                                                  | 4H  | -1.6                                              | -1.2  | -1.2  | -0.9  | -0.5  | -1.2                                       | -0.8  | -0.8  | -0.4  | -0.1  |  |
|                                                                  | 6H  | 1.9                                               | 2.3   | 2.3   | 2.6   | 3.0   | 2.3                                        | 2.6   | 2.7   | 2.9   | 3.3   |  |
| 8H                                                               | 12H | 5.9                                               | 6.1   | 6.3   | 6.5   | 6.9   | 6.2                                        | 6.4   | 6.6   | 6.8   | 7.2   |  |
|                                                                  | 4H  | -0.1                                              | 0.2   | 0.3   | 0.6   | 1.0   | 0.2                                        | 0.5   | 0.6   | 0.9   | 1.3   |  |
|                                                                  | 6H  | 3.6                                               | 3.8   | 4.0   | 4.2   | 4.6   | 3.8                                        | 4.0   | 4.2   | 4.4   | 4.9   |  |
|                                                                  | 8H  | 5.5                                               | 5.7   | 6.0   | 6.2   | 6.6   | 5.7                                        | 5.9   | 6.2   | 6.4   | 6.8   |  |
|                                                                  | 12H | 7.7                                               | 7.8   | 8.2   | 8.3   | 8.8   | 8.0                                        | 8.1   | 8.5   | 8.6   | 9.1   |  |
| 12H                                                              | 4H  | 0.4                                               | 0.7   | 0.9   | 1.1   | 1.5   | 0.7                                        | 0.9   | 1.1   | 1.3   | 1.8   |  |
|                                                                  | 6H  | 4.2                                               | 4.3   | 4.6   | 4.8   | 5.2   | 4.3                                        | 4.5   | 4.8   | 4.9   | 5.4   |  |
|                                                                  | 8H  | 6.2                                               | 6.4   | 6.7   | 6.8   | 7.3   | 6.4                                        | 6.5   | 6.9   | 7.0   | 7.5   |  |
| 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<br>Summand                                            |     | ---                                               |       |       |       |       | ---                                        |       |       |       |       |  |
| Corrected Glare Indices referring to 3150lm Total Luminous Flux  |     |                                                   |       |       |       |       |                                            |       |       |       |       |  |