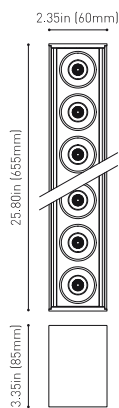




## DIMENSIONS



## AWARDS



|           |                                       |
|-----------|---------------------------------------|
| Name      | BLACK FOSTER SURF 15 UL SPOT 2700K WT |
| Reference | U3206110WT                            |
| Color     | Textured white                        |
| Category  | SURFACE                               |

## PRODUCT

|                       |                 |
|-----------------------|-----------------|
| Type                  | LED             |
| Gross luminous flux   | 2850 Lm         |
| Color temperature     | 2700 K          |
| Chromatic stability   | MacAdam Step 3  |
| Color Rendering Index | CRI>90          |
| Power                 | 31.5 W          |
| Current               | 700 mA          |
| LED lifespan          | L80B10 >60.000h |

## LIGHT SOURCE

|                         |         |
|-------------------------|---------|
| Lighting efficiency     | 90%     |
| Delivered luminous flux | 2565 Lm |
| Light beam angle        | 19°     |

## LIGHTING FIXTURE | PHOTOMETRIC 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 |

## LIGHTING FIXTURE | ELECTRICAL 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 |

## OTHER DATA

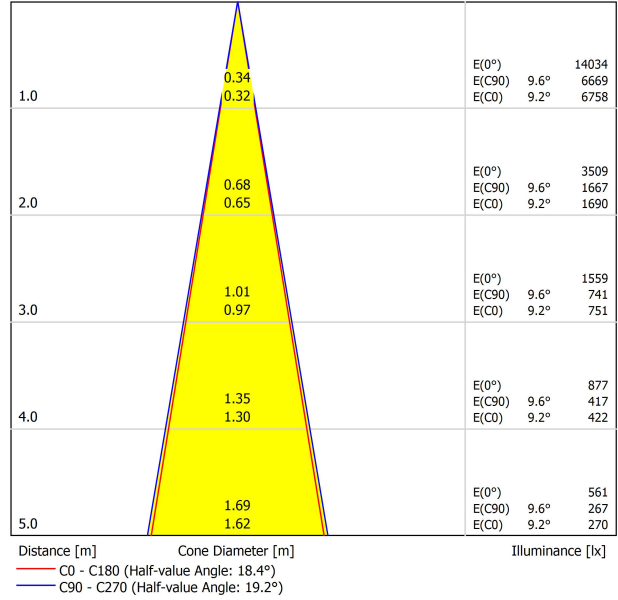


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                |             |  |      |      |      |             |   |      |      |      |      |
|--|-------------|--|------|------|------|-------------|---|------|------|------|------|
| ρ Ceiling  | 70          | 70   | 50   | 50   | 30   | 70          | 70                                      | 50   | 50   | 30   | 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          | 1.8  | 2.5  | 2.0  | 2.7  | 2.9         | 2.6                                     | 3.3  | 2.9  | 3.5  | 3.7  |
|  | 3H          | 5.3  | 5.9  | 5.6  | 6.1  | 6.4         | 6.5                                     | 7.2  | 6.8  | 7.4  | 7.6  |
|  | 4H          | 7.3  | 7.8  | 7.6  | 8.1  | 8.3         | 8.4                                     | 9.0  | 8.7  | 9.2  | 9.5  |
|  | 6H          | 9.5  | 10.0 | 9.8  | 10.3 | 10.6        | 10.7                                    | 11.2 | 11.0 | 11.5 | 11.8 |
|  | 8H          | 10.6   | 11.1 | 11.0 | 11.4 | 11.7        | 11.9                                    | 12.4 | 12.2 | 12.7 | 13.0 |
| 4H   | 2H          | 3.2  | 3.7  | 3.5  | 4.0  | 4.3         | 3.7                                     | 4.3  | 4.0  | 4.5  | 4.8  |
|  | 3H          | 6.9  | 7.4  | 7.2  | 7.7  | 8.0         | 7.8                                     | 8.2  | 8.1  | 8.5  | 8.9  |
|  | 4H          | 9.0  | 9.4  | 9.3  | 9.7  | 10.1        | 9.8                                     | 10.2 | 10.2 | 10.5 | 10.9 |
|  | 6H          | 11.3   | 11.6 | 11.7 | 12.0 | 12.4        | 12.2                                    | 12.6 | 12.6 | 12.9 | 13.3 |
|  | 8H          | 12.5   | 12.8 | 12.9 | 13.2 | 13.6        | 13.5                                    | 13.9 | 14.0 | 14.2 | 14.6 |
| 8H   | 2H          | 14.0   | 14.2 | 14.4 | 14.6 | 15.0        | 15.1                                    | 15.4 | 15.5 | 15.8 | 16.2 |
|  | 4H          | 9.9  | 10.2 | 10.3 | 10.6 | 11.0        | 10.6                                    | 10.9 | 11.0 | 11.2 | 11.6 |
|  | 6H          | 12.4   | 12.6 | 12.8 | 13.0 | 13.5        | 13.2                                    | 13.4 | 13.6 | 13.8 | 14.3 |
|  | 8H          | 13.8   | 14.0 | 14.3 | 14.5 | 14.9        | 14.7                                    | 14.9 | 15.2 | 15.3 | 15.8 |
|  | 12H         | 15.5   | 15.6 | 15.9 | 16.1 | 16.6        | 16.5                                    | 16.6 | 16.9 | 17.1 | 17.6 |
| 12H  | 4H          | 10.2   | 10.5 | 10.6 | 10.9 | 11.3        | 10.7                                    | 11.0 | 11.2 | 11.4 | 11.8 |
|  | 6H          | 12.8   | 13.0 | 13.2 | 13.4 | 13.9        | 13.4                                    | 13.6 | 13.9 | 14.1 | 14.6 |
|  | 8H          | 14.3   | 14.5 | 14.8 | 14.9 | 15.4        | 15.1                                    | 15.3 | 15.6 | 15.7 | 16.2 |
| Variation of the observer position for the luminaire distances S |             |  |      |      |      |             |   |      |      |      |      |
| S = 1.0H   | +0.2 / -0.1 |  |      |      |      | +0.2 / -0.1 |   |      |      |      |      |
| S = 1.5H   | +0.3 / -0.3 |  |      |      |      | +0.3 / -0.3 |   |      |      |      |      |
| S = 2.0H   | +0.5 / -0.5 |  |      |      |      | +0.5 / -0.5 |   |      |      |      |      |
| Standard table Correction Summand                                | ---         |  |      |      |      | ---         |   |      |      |      |      |
| Corrected Glare Indices referring to 2850lm Total Luminous Flux  |             |  |      |      |      |             |   |      |      |      |      |