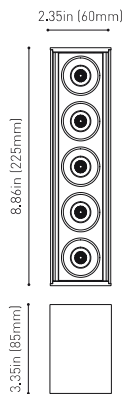




## DIMENSIONS



## AWARDS



|           |                                       |
|-----------|---------------------------------------|
| Name      | BLACK FOSTER SURF 5 UL FLOOD 4000K WT |
| Reference | U3204012WT                            |
| Color     | Textured white                        |
| Category  | SURFACE                               |

## PRODUCT

|                       |                 |
|-----------------------|-----------------|
| Type                  | LED             |
| Gross luminous flux   | 1250 Lm         |
| Color temperature     | 4000 K          |
| Chromatic stability   | MacAdam Step 3  |
| Color Rendering Index | CRI>90          |
| Power                 | 10.5 W          |
| Current               | 700 mA          |
| Efficacy              | 119 Lm/W        |
| LED lifespan          | L80B10 >60.000h |

## LIGHT SOURCE

|                         |         |
|-------------------------|---------|
| Lighting efficiency     | 92%     |
| Delivered luminous flux | 1150 Lm |
| Light beam angle        | 38°     |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                            |                            |
|----------------------------|----------------------------|
| Driver                     | Included: APS L9WCD series |
| Power values of the system | 13,00 W                    |
| Frequency                  | 50/60 Hz                   |
| Dimming                    | 0-10V / TRIAC              |

## 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                          | 2.37 lb   1077 gr   |
| Packaged weight                 | 2.63 lb   1192 gr   |
| Packaging dimensions            | 11.61x6.10x2.87 in   295x155x73 mm                          |
| Materials                       | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

## OTHER DATA

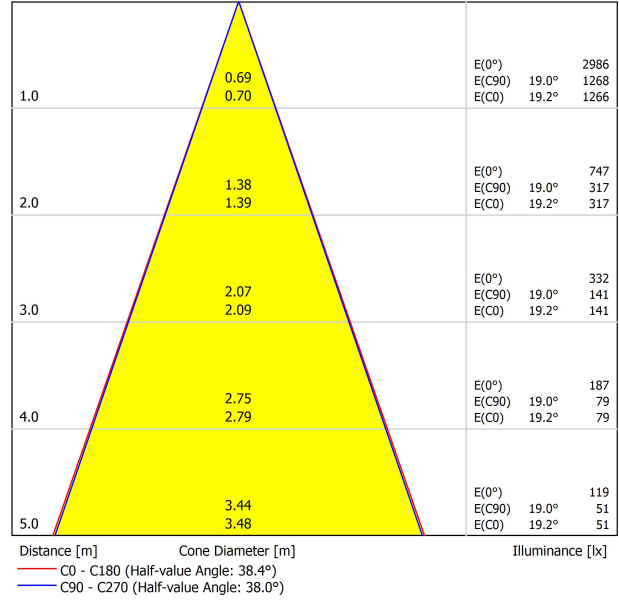


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

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   | -12.8  | -12.2 | -12.5 | -12.0 | -11.8       | -13.7                                   | -13.0 | -13.4 | -12.8 | -12.7 |
|   | 3H   | -6.5   | -5.9  | -6.2  | -5.7  | -5.4        | -6.4                                    | -5.8  | -6.1  | -5.6  | -5.3  |
|   | 4H   | -3.0   | -2.4  | -2.7  | -2.2  | -1.9        | -2.4                                    | -1.9  | -2.1  | -1.6  | -1.4  |
|   | 6H   | 0.7  | 1.2   | 1.0   | 1.4   | 1.7         | 1.0                                     | 1.5   | 1.4   | 1.8   | 2.1   |
|   | 8H   | 2.5  | 3.0   | 2.8   | 3.3   | 3.6         | 2.8                                     | 3.3   | 3.2   | 3.6   | 3.9   |
| 4H  | 12H  | 4.5  | 5.0   | 4.9   | 5.3   | 5.6         | 4.9                                     | 5.3   | 5.2   | 5.6   | 5.9   |
|   | 2H   | -10.2  | -9.7  | -9.9  | -9.4  | -9.2        | -10.6                                   | -10.0 | -10.3 | -9.8  | -9.5  |
|   | 3H   | -4.2   | -3.8  | -3.9  | -3.5  | -3.2        | -4.1                                    | -3.6  | -3.7  | -3.3  | -3.0  |
|   | 4H   | -0.8   | -0.4  | -0.5  | -0.1  | 0.2         | -0.4                                    | 0.0   | -0.0  | 0.3   | 0.7   |
|   | 6H   | 2.7  | 3.1   | 3.1   | 3.4   | 3.8         | 3.0                                     | 3.4   | 3.4   | 3.7   | 4.1   |
| 8H  | 8H   | 4.6  | 4.9   | 5.0   | 5.3   | 5.7         | 4.9                                     | 5.2   | 5.3   | 5.5   | 5.9   |
|   | 12H  | 6.6  | 6.9   | 7.1   | 7.3   | 7.7         | 7.0                                     | 7.2   | 7.4   | 7.6   | 8.0   |
|   | 4H   | 0.7  | 1.0   | 1.1   | 1.4   | 1.8         | 1.0                                     | 1.3   | 1.4   | 1.7   | 2.1   |
|   | 6H   | 4.4  | 4.6   | 4.8   | 5.0   | 5.4         | 4.6                                     | 4.8   | 5.0   | 5.2   | 5.6   |
|   | 8H   | 6.3  | 6.5   | 6.8   | 6.9   | 7.4         | 6.5                                     | 6.7   | 7.0   | 7.1   | 7.6   |
| 12H   | 12H  | 8.5  | 8.6   | 9.0   | 9.1   | 9.6         | 8.7                                     | 8.9   | 9.2   | 9.4   | 9.8   |
|   | 4H   | 1.2  | 1.5   | 1.7   | 1.9   | 2.3         | 1.5                                     | 1.7   | 1.9   | 2.1   | 2.5   |
|   | 6H   | 4.9  | 5.1   | 5.4   | 5.6   | 6.0         | 5.1                                     | 5.3   | 5.6   | 5.7   | 6.2   |
|   | 8H   | 7.0  | 7.2   | 7.5   | 7.6   | 8.1         | 7.2                                     | 7.3   | 7.7   | 7.8   | 8.3   |
|   | 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 Summand                               | ---  |  |       |       |       | ---         |   |       |       |       |       |
| Corrected Glare Indices referring to 1250lm Total Luminous Flux |  |  |       |       |       |             |   |       |       |       |       |