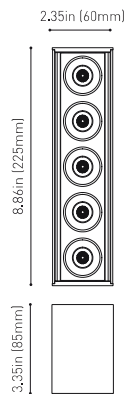




## DIMENSIONS



## AWARDS



|           |   |
|-----------|---|
| Name      | BLACK FOSTER SURF 5 UL FLOOD 2700K NTMG |
| Reference | U3204010NTMG                            |
| Color     | Textured black-Metallized gold          |
| Category  | SURFACE                                 |

## PRODUCT

|                       |                 |
|-----------------------|-----------------|
| Type                  | LED             |
| Gross luminous flux   | 950 Lm          |
| Color temperature     | 2700 K          |
| Chromatic stability   | MacAdam Step 3  |
| Color Rendering Index | CRI>90          |
| Power                 | 10.5 W          |
| Current               | 700 mA          |
| Efficacy              | 90 Lm/W         |
| LED lifespan          | L80B10 >60.000h |

## LIGHT SOURCE

|                         |        |
|-------------------------|--------|
| Lighting efficiency     | 92%    |
| Delivered luminous flux | 874 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

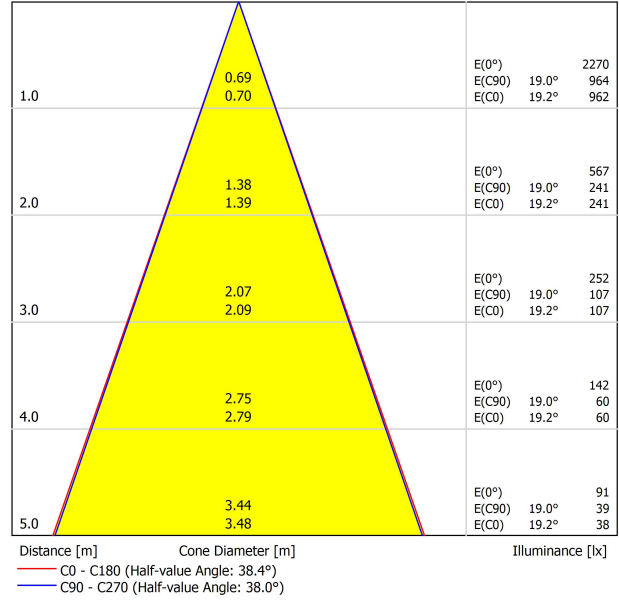


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

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   | -13.7 | -13.1 | -13.5 | -12.9 | -12.7                                   | -14.6 | -14.0 | -14.4 | -13.8 | -13.6 |
|  | 3H   | -7.4  | -6.9  | -7.2  | -6.6  | -6.4                                    | -7.3  | -6.7  | -7.0  | -6.5  | -6.3  |
|  | 4H   | -3.9  | -3.4  | -3.6  | -3.1  | -2.9                                    | -3.4  | -2.8  | -3.1  | -2.6  | -2.3  |
|  | 6H   | -0.3  | 0.2   | 0.0   | 0.5   | 0.8                                     | 0.1   | 0.6   | 0.4   | 0.9   | 1.1   |
|  | 8H   | 1.6   | 2.0   | 1.9   | 2.3   | 2.6                                     | 1.9   | 2.4   | 2.2   | 2.7   | 2.9   |
| 4H   | 12H  | 3.6   | 4.0   | 3.9   | 4.3   | 4.6                                     | 3.9   | 4.4   | 4.3   | 4.7   | 5.0   |
|  | 2H   | -11.2 | -10.6 | -10.9 | -10.4 | -10.1                                   | -11.5 | -11.0 | -11.2 | -10.7 | -10.5 |
|  | 3H   | -5.2  | -4.7  | -4.9  | -4.4  | -4.1                                    | -5.0  | -4.6  | -4.7  | -4.3  | -4.0  |
|  | 4H   | -1.8  | -1.4  | -1.4  | -1.1  | -0.7                                    | -1.3  | -0.9  | -1.0  | -0.6  | -0.3  |
|  | 6H   | 1.8   | 2.1   | 2.2   | 2.5   | 2.8                                     | 2.1   | 2.4   | 2.5   | 2.8   | 3.1   |
| 8H   | 8H   | 3.6   | 3.9   | 4.1   | 4.3   | 4.7                                     | 3.9   | 4.2   | 4.3   | 4.6   | 5.0   |
|  | 12H  | 5.7   | 5.9   | 6.1   | 6.3   | 6.8                                     | 6.0   | 6.2   | 6.4   | 6.6   | 7.1   |
|  | 4H   | -0.2  | 0.0   | 0.2   | 0.4   | 0.8                                     | 0.0   | 0.3   | 0.4   | 0.7   | 1.1   |
|  | 6H   | 3.4   | 3.6   | 3.8   | 4.0   | 4.5                                     | 3.6   | 3.8   | 4.0   | 4.2   | 4.7   |
|  | 8H   | 5.4   | 5.5   | 5.8   | 6.0   | 6.5                                     | 5.6   | 5.7   | 6.0   | 6.2   | 6.7   |
| 12H  | 12H  | 7.5   | 7.7   | 8.0   | 8.1   | 8.6                                     | 7.8   | 7.9   | 8.3   | 8.4   | 8.9   |
|  | 4H   | 0.3   | 0.5   | 0.7   | 0.9   | 1.3                                     | 0.5   | 0.8   | 0.9   | 1.2   | 1.6   |
|  | 6H   | 4.0   | 4.2   | 4.5   | 4.6   | 5.1                                     | 4.2   | 4.3   | 4.6   | 4.8   | 5.2   |
| 8H   | 6.1  | 6.2   | 6.6   | 6.7   | 7.2   | 6.2                                     | 6.4   | 6.7   | 6.8   | 7.3   |       |
| 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 950lm Total Luminous Flux   |  |       |       |       |       |   |       |       |       |       |       |