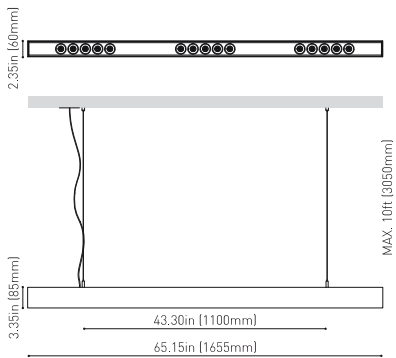




## DIMENSIONS



|                  |  |
|------------------|--|
| <b>Name</b>      | BLACK FOSTER SUSP 1600 UL SPOT DIM ON BOARD 4000K WT |
| <b>Reference</b> | U3212152WT   |
| <b>Color</b>     | Textured white                                       |
| <b>Category</b>  | SUSPENSION   |

|                              |                 |
|------------------------------|-----------------|
| <b>Type</b>                  | LED             |
| <b>Gross luminous flux</b>   | 3750 Lm         |
| <b>Color temperature</b>     | 4000 K          |
| <b>Chromatic stability</b>   | MacAdam Step 3  |
| <b>Color Rendering Index</b> | CRI>90          |
| <b>Power</b>                 | 31.5 W          |
| <b>Current</b>               | 700 mA          |
| <b>LED lifespan</b>          | L80B10 >60.000h |

|                                |         |
|--------------------------------|---------|
| <b>Lighting efficiency</b>     | 90%     |
| <b>Delivered luminous flux</b> | 3375 Lm |
| <b>Light beam angle</b>        | 19°     |

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| <b>Driver</b>                     | Included: ERP-PSB series or similar |
| <b>Power values of the system</b> | 37,00 W                             |
| <b>Frequency</b>                  | 50/60 Hz                            |
| <b>Dimming</b>                    | DIM on Board                        |

|                                  |   |
|----------------------------------|---|
| <b>Environmental location</b>    | DAMP  |
| <b>Cord Length</b>               | MAX. 3.05 m   |
| <b>Fast adjustment tensioner</b> | Yes   |
| <b>Weight</b>                    | 9.42 lb   4275 gr   |
| <b>Packaged weight</b>           | 13.01 lb   5900 gr  |
| <b>Packaging dimensions</b>      | Ø6.10x68.31 in   Ø155x1735 mm                               |
| <b>Materials</b>                 | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

## PRODUCT

## LIGHT SOURCE

## LIGHTING FIXTURE | PHOTOMETRIC DATA

## LIGHTING FIXTURE | ELECTRICAL DATA

## OTHER DATA



## AWARDS

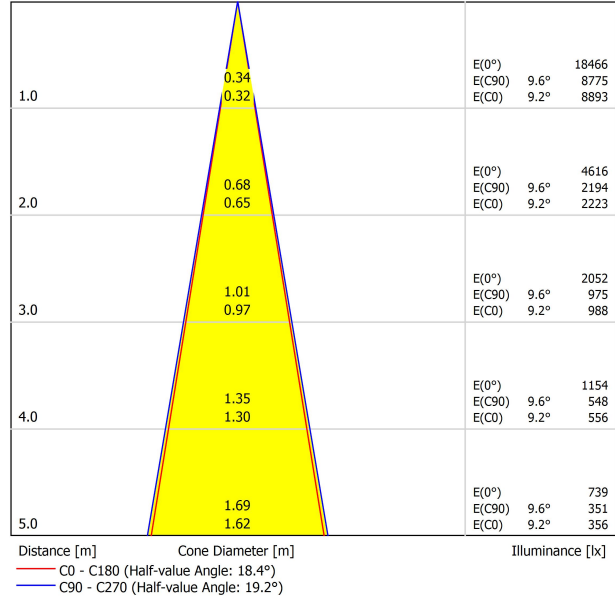


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a perfect dark line.

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 X Y  |             | Viewing direction at right angles to lamp axis |      |      |      |             | Viewing direction parallel to lamp axis |      |      |      |      |
| 2H   | 2H          | -0.8   | -0.2 | -0.6 | 0.0  | 0.2         | 0.0                                     | 0.7  | 0.3  | 0.9  | 1.1  |
|  | 3H          | 2.7  | 3.3  | 2.9  | 3.5  | 3.7         | 3.9                                     | 4.5  | 4.2  | 4.8  | 5.0  |
|  | 4H          | 4.6  | 5.2  | 4.9  | 5.5  | 5.7         | 5.8                                     | 6.3  | 6.1  | 6.6  | 6.8  |
|  | 6H          | 6.9  | 7.4  | 7.2  | 7.7  | 8.0         | 8.0                                     | 8.6  | 8.4  | 8.9  | 9.1  |
|  | 8H          | 8.0  | 8.5  | 8.3  | 8.8  | 9.1         | 9.3                                     | 9.8  | 9.6  | 10.1 | 10.4 |
| 4H   | 2H          | 0.5  | 1.1  | 0.8  | 1.4  | 1.6         | 1.1                                     | 1.7  | 1.4  | 1.9  | 2.2  |
|  | 3H          | 4.3  | 4.7  | 4.6  | 5.0  | 5.4         | 5.1                                     | 5.6  | 5.5  | 5.9  | 6.2  |
|  | 4H          | 6.3  | 6.8  | 6.7  | 7.1  | 7.4         | 7.2                                     | 7.6  | 7.5  | 7.9  | 8.3  |
|  | 6H          | 8.6  | 9.0  | 9.0  | 9.4  | 9.7         | 9.6                                     | 9.9  | 10.0 | 10.3 | 10.7 |
|  | 8H          | 9.9  | 10.2 | 10.3 | 10.5 | 10.9        | 10.9                                    | 11.2 | 11.3 | 11.6 | 12.0 |
| 8H   | 2H          | 11.3   | 11.6 | 11.8 | 12.0 | 12.4        | 12.5                                    | 12.7 | 12.9 | 13.1 | 13.6 |
|  | 4H          | 7.3  | 7.6  | 7.7  | 8.0  | 8.4         | 7.9                                     | 8.2  | 8.3  | 8.6  | 9.0  |
|  | 6H          | 9.8  | 10.0 | 10.2 | 10.4 | 10.9        | 10.5                                    | 10.8 | 11.0 | 11.2 | 11.6 |
|  | 8H          | 11.2   | 11.4 | 11.7 | 11.8 | 12.3        | 12.1                                    | 12.3 | 12.5 | 12.7 | 13.2 |
|  | 12H         | 12.8   | 13.0 | 13.3 | 13.5 | 14.0        | 13.8                                    | 14.0 | 14.3 | 14.5 | 14.9 |
| 12H  | 4H          | 7.6  | 7.9  | 8.0  | 8.3  | 8.7         | 8.1                                     | 8.4  | 8.5  | 8.8  | 9.2  |
|  | 6H          | 10.1   | 10.3 | 10.6 | 10.8 | 11.2        | 10.8                                    | 11.0 | 11.3 | 11.5 | 11.9 |
|  | 8H          | 11.7   | 11.8 | 12.2 | 12.3 | 12.8        | 12.5                                    | 12.6 | 13.0 | 13.1 | 13.6 |
| 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 3750lm Total Luminous Flux  |             |  |      |      |      |             |   |      |      |      |      |