



## DIMENSIONS



|                  |   |
|------------------|---|
| <b>Name</b>      | BLACK FOSTER SUSP 1600 UL SPOT 2700K NTMG |
| <b>Reference</b> | U3212110NTMG                              |
| <b>Color</b>     | Textured black-Metallized gold            |
| <b>Category</b>  | SUSPENSION                                |

|                              |                 |
|------------------------------|-----------------|
| <b>Type</b>                  | LED             |
| <b>Gross luminous flux</b>   | 2850 Lm         |
| <b>Color temperature</b>     | 2700 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> | 2565 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>                    | 0-10V / TRIAC/ELV dimming only at 120V |

|                                  |   |
|----------------------------------|---|
| <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

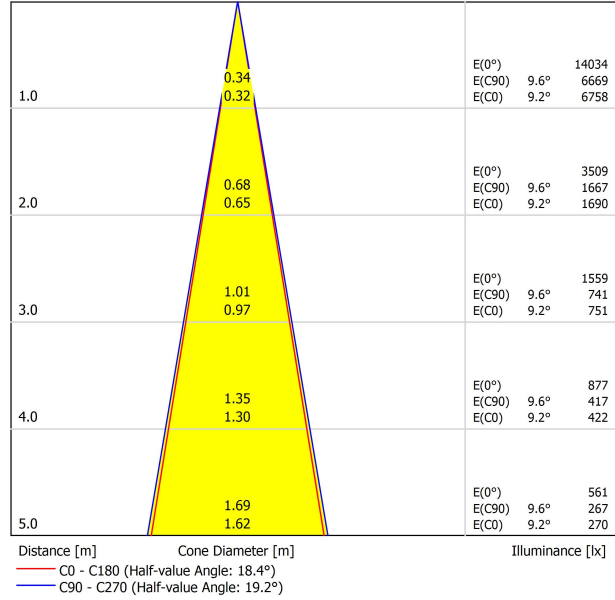


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a 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   | -1.8   | -1.1 | -1.5 | -0.9 | -0.7 | -0.9                                    | -0.3 | -0.7 | -0.1 | 0.1  |
|  | 3H   | 1.7  | 2.3  | 2.0  | 2.6  | 2.8  | 3.0                                     | 3.6  | 3.2  | 3.8  | 4.0  |
|  | 4H   | 3.7  | 4.3  | 4.0  | 4.5  | 4.8  | 4.8                                     | 5.4  | 5.1  | 5.6  | 5.9  |
|  | 6H   | 5.9  | 6.5  | 6.2  | 6.7  | 7.0  | 7.1                                     | 7.6  | 7.4  | 7.9  | 8.2  |
|  | 8H   | 7.1  | 7.6  | 7.4  | 7.9  | 8.2  | 8.3                                     | 8.8  | 8.7  | 9.1  | 9.4  |
| 12H  | 8.4  | 8.9  | 8.8  | 9.2  | 9.5  | 9.7  | 10.2                                    | 10.1 | 10.5 | 10.8 |      |
| 4H   | 2H   | -0.4   | 0.2  | -0.1 | 0.4  | 0.7  | 0.1                                     | 0.7  | 0.4  | 1.0  | 1.2  |
|  | 3H   | 3.3  | 3.8  | 3.7  | 4.1  | 4.4  | 4.2                                     | 4.7  | 4.5  | 5.0  | 5.3  |
|  | 4H   | 5.4  | 5.8  | 5.8  | 6.1  | 6.5  | 6.2                                     | 6.6  | 6.6  | 7.0  | 7.3  |
|  | 6H   | 7.7  | 8.0  | 8.1  | 8.4  | 8.8  | 8.6                                     | 9.0  | 9.0  | 9.3  | 9.7  |
|  | 8H   | 8.9  | 9.2  | 9.3  | 9.6  | 10.0 | 10.0                                    | 10.3 | 10.4 | 10.7 | 11.1 |
| 12H  | 10.4 | 10.6   | 10.8 | 11.0 | 11.5 | 11.5 | 11.8                                    | 11.9 | 12.2 | 12.6 |      |
| 8H   | 4H   | 6.4  | 6.7  | 6.8  | 7.1  | 7.5  | 7.0                                     | 7.3  | 7.4  | 7.7  | 8.1  |
|  | 6H   | 8.8  | 9.1  | 9.3  | 9.5  | 9.9  | 9.6                                     | 9.8  | 10.0 | 10.2 | 10.7 |
|  | 8H   | 10.2   | 10.4 | 10.7 | 10.9 | 11.3 | 11.1                                    | 11.3 | 11.6 | 11.8 | 12.2 |
|  | 12H  | 11.9   | 12.0 | 12.4 | 12.5 | 13.0 | 12.9                                    | 13.0 | 13.4 | 13.5 | 14.0 |
| 12H  | 4H   | 6.6  | 6.9  | 7.1  | 7.3  | 7.7  | 7.2                                     | 7.4  | 7.6  | 7.8  | 8.3  |
|  | 6H   | 9.2  | 9.4  | 9.7  | 9.8  | 10.3 | 9.9                                     | 10.1 | 10.3 | 10.5 | 11.0 |
|  | 8H   | 10.7   | 10.9 | 11.2 | 11.4 | 11.8 | 11.5                                    | 11.7 | 12.0 | 12.1 | 12.6 |
| 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 2850lm Total Luminous Flux  |      |  |      |      |      |      |   |      |      |      |      |