



## DIMENSIONS



|                  |   |
|------------------|---|
| <b>Name</b>      | BLACK FOSTER SUSP 1200 UL SPOT 2700K WT |
| <b>Reference</b> | U3211110WT                              |
| <b>Color</b>     | Textured white                          |
| <b>Category</b>  | SUSPENSION                              |

|                              |                 |
|------------------------------|-----------------|
| <b>Type</b>                  | LED             |
| <b>Gross luminous flux</b>   | 1900 Lm         |
| <b>Color temperature</b>     | 2700 K          |
| <b>Chromatic stability</b>   | MacAdam Step 3  |
| <b>Color Rendering Index</b> | CRI>90          |
| <b>Power</b>                 | 21 W            |
| <b>Current</b>               | 700 mA          |
| <b>LED lifespan</b>          | L80B10 >60.000h |

|                                |         |
|--------------------------------|---------|
| <b>Lighting efficiency</b>     | 90%     |
| <b>Delivered luminous flux</b> | 1710 Lm |
| <b>Light beam angle</b>        | 19°     |

|                                   |  |
|-----------------------------------|--|
| <b>Driver</b>                     | Included: ERP-PSB series or similar    |
| <b>Power values of the system</b> | 24,00 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>                    | 7.18 lb   3255 gr   |
| <b>Packaged weight</b>           | 9.85 lb   4470 gr   |
| <b>Packaging dimensions</b>      | Ø6.10x50.00 in   Ø155x1270 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, wether if 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   | 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   | -1.4   | -0.7 | -1.2 | -0.6 | -0.4        | -0.6                                    | 0.1  | -0.3 | 0.3  | 0.5  |
|   | 3H   | 2.1  | 2.7  | 2.4  | 2.9  | 3.2         | 3.3                                     | 3.9  | 3.6  | 4.2  | 4.4  |
|   | 4H   | 4.0  | 4.6  | 4.3  | 4.9  | 5.1         | 5.2                                     | 5.8  | 5.5  | 6.0  | 6.3  |
|   | 6H   | 6.3  | 6.8  | 6.6  | 7.1  | 7.4         | 7.5                                     | 8.0  | 7.8  | 8.3  | 8.5  |
|   | 8H   | 7.4  | 7.9  | 7.8  | 8.2  | 8.5         | 8.7                                     | 9.2  | 9.0  | 9.5  | 9.8  |
| 4H  | 12H  | 8.8  | 9.3  | 9.2  | 9.6  | 9.9         | 10.1                                    | 10.6 | 10.5 | 10.9 | 11.2 |
|   | 2H   | -0.0   | 0.5  | 0.3  | 0.8  | 1.0         | 0.5                                     | 1.1  | 0.8  | 1.3  | 1.6  |
|   | 3H   | 3.7  | 4.2  | 4.0  | 4.5  | 4.8         | 4.5                                     | 5.0  | 4.9  | 5.3  | 5.6  |
|   | 4H   | 5.8  | 6.2  | 6.1  | 6.5  | 6.9         | 6.6                                     | 7.0  | 6.9  | 7.3  | 7.7  |
|   | 6H   | 8.1  | 8.4  | 8.5  | 8.8  | 9.1         | 9.0                                     | 9.3  | 9.4  | 9.7  | 10.1 |
| 8H  | 8H   | 9.3  | 9.6  | 9.7  | 10.0 | 10.4        | 10.3                                    | 10.6 | 10.8 | 11.0 | 11.4 |
|   | 12H  | 10.7   | 11.0 | 11.2 | 11.4 | 11.8        | 11.9                                    | 12.2 | 12.3 | 12.6 | 13.0 |
|   | 4H   | 6.7  | 7.0  | 7.1  | 7.4  | 7.8         | 7.3                                     | 7.7  | 7.8  | 8.0  | 8.4  |
|   | 6H   | 9.2  | 9.4  | 9.6  | 9.8  | 10.3        | 10.0                                    | 10.2 | 10.4 | 10.6 | 11.1 |
|   | 8H   | 10.6   | 10.8 | 11.1 | 11.2 | 11.7        | 11.5                                    | 11.7 | 12.0 | 12.1 | 12.6 |
| 12H   | 12H  | 12.2   | 12.4 | 12.7 | 12.9 | 13.4        | 13.2                                    | 13.4 | 13.7 | 13.9 | 14.4 |
|   | 4H   | 7.0  | 7.3  | 7.4  | 7.7  | 8.1         | 7.5                                     | 7.8  | 8.0  | 8.2  | 8.6  |
|   | 6H   | 9.6  | 9.7  | 10.0 | 10.2 | 10.7        | 10.2                                    | 10.4 | 10.7 | 10.9 | 11.3 |
|   | 8H   | 11.1   | 11.3 | 11.6 | 11.7 | 12.2        | 11.9                                    | 12.0 | 12.4 | 12.5 | 13.0 |
|   | 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 1900lm Total Luminous Flux |  |  |      |      |      |             |   |      |      |      |      |