

Black Foster Suspension

ARKOSLIGHT



DIMENSIONS



AWARDS



PRODUCT

| | |
|-----------|--|
| Name | BLACK FOSTER SUSP 1600 UL SPOT DIM ON BOARD 3500K WT |
| Reference | U3212153WT |
| Color | Textured white |
| Category | Suspension |

LIGHT SOURCE

| | |
|-----------------------|-----------------|
| Type | LED |
| Gross luminous flux | 3450 Lm |
| Color temperature | 3500 K |
| Chromatic stability | MacAdam Step 3 |
| Color Rendering Index | CRI>90 |
| Power | 31.5 W |
| Current | 700 mA |
| Efficacy | 109 Lm/W |
| LED lifespan | L90B10>102.000h |

LIGHTING FIXTURE | PHOTOMETRIC DATA

| | |
|-------------------------|---------|
| Lighting efficiency | 90% |
| Delivered luminous flux | 3105 Lm |
| Light beam angle | 19° |

LIGHTING FIXTURE | ELECTRICAL DATA

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

OTHER 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 | Ø5.51 in Ø140 mm |
| Cord Length | MAX. 3.05 m |
| Fast adjustment tensioner | Yes |
| Weight | 9.42 lb 4275 gr |
| Packaged weight | 13.01 lb 5900 gr |
| Packaging dimensions | Ø6.10x68.31 in Ø155x1735 mm |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

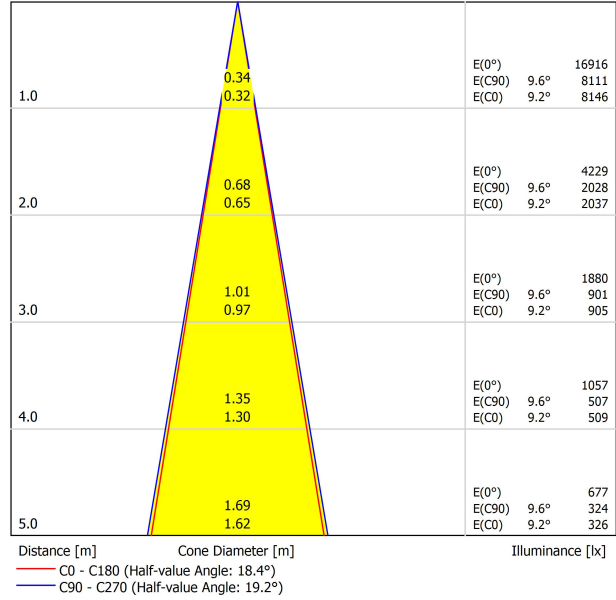


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, wether if it is On or Off, Black Foster always preserves the aesthetic of 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 |
| 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 | -0.4 | 0.2 | -0.2 | 0.4 | 0.6 | 0.1 | 0.8 | 0.3 | 0.9 | 1.1 |
| | 3H | 2.8 | 3.4 | 3.0 | 3.6 | 3.8 | 3.6 | 4.2 | 3.8 | 4.4 | 4.6 |
| | 4H | 4.6 | 5.2 | 4.9 | 5.4 | 5.7 | 5.5 | 6.1 | 5.8 | 6.3 | 6.6 |
| | 6H | 6.7 | 7.2 | 7.0 | 7.5 | 7.8 | 7.8 | 8.3 | 8.1 | 8.6 | 8.8 |
| | 8H | 7.8 | 8.3 | 8.1 | 8.6 | 8.9 | 9.0 | 9.5 | 9.3 | 9.8 | 10.1 |
| 4H | 12H | 9.1 | 9.6 | 9.5 | 9.9 | 10.2 | 10.4 | 10.9 | 10.8 | 11.2 | 11.5 |
| | 2H | 0.8 | 1.4 | 1.1 | 1.7 | 1.9 | 1.2 | 1.8 | 1.5 | 2.0 | 2.3 |
| | 3H | 4.2 | 4.7 | 4.6 | 5.0 | 5.3 | 4.9 | 5.4 | 5.2 | 5.7 | 6.0 |
| | 4H | 6.2 | 6.6 | 6.6 | 7.0 | 7.3 | 7.0 | 7.4 | 7.3 | 7.7 | 8.1 |
| | 6H | 8.4 | 8.8 | 8.8 | 9.1 | 9.5 | 9.4 | 9.7 | 9.8 | 10.1 | 10.4 |
| 8H | 8H | 9.6 | 9.9 | 10.0 | 10.3 | 10.7 | 10.7 | 11.0 | 11.1 | 11.4 | 11.8 |
| | 12H | 11.0 | 11.3 | 11.5 | 11.7 | 12.1 | 12.2 | 12.5 | 12.6 | 12.9 | 13.3 |
| | 4H | 7.1 | 7.5 | 7.6 | 7.8 | 8.2 | 7.7 | 8.0 | 8.1 | 8.4 | 8.8 |
| | 6H | 9.5 | 9.8 | 10.0 | 10.2 | 10.6 | 10.3 | 10.5 | 10.7 | 11.0 | 11.4 |
| | 8H | 10.9 | 11.1 | 11.4 | 11.6 | 12.0 | 11.8 | 12.0 | 12.3 | 12.5 | 12.9 |
| 12H | 12H | 12.5 | 12.7 | 13.0 | 13.2 | 13.7 | 13.6 | 13.7 | 14.1 | 14.2 | 14.7 |
| | 4H | 7.4 | 7.7 | 7.8 | 8.1 | 8.5 | 7.9 | 8.2 | 8.3 | 8.6 | 9.0 |
| | 6H | 9.9 | 10.1 | 10.4 | 10.5 | 11.0 | 10.6 | 10.8 | 11.0 | 11.2 | 11.7 |
| | 8H | 11.4 | 11.6 | 11.9 | 12.0 | 12.5 | 12.2 | 12.4 | 12.7 | 12.8 | 13.3 |
| | 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 3450lm Total Luminous Flux | | | | | | | | | | | |