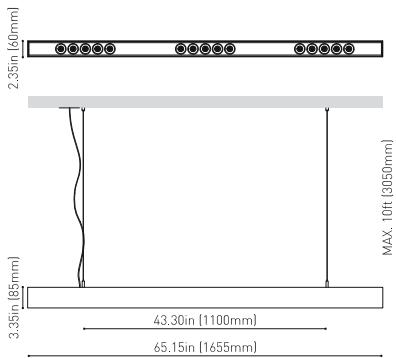


Black Foster Suspension

ARKOSLIGHT



DIMENSIONS



AWARDS



PRODUCT

| | |
|-----------|--|
| Name | BLACK FOSTER SUSP 1600 UL FLOOD 2700K WTMG |
| Reference | U3212010WTMG |
| Color | Textured white-Metallized gold |
| Category | Suspension |

LIGHT SOURCE

| | |
|-----------------------|-----------------|
| Type | LED |
| Gross luminous flux | 2850 Lm |
| Color temperature | 2700 K |
| Chromatic stability | MacAdam Step 3 |
| Color Rendering Index | CRI>90 |
| Power | 31.5 W |
| Current | 700 mA |
| Efficacy | 90 Lm/W |
| LED lifespan | L90B10>102.000h |

LIGHTING FIXTURE | PHOTOMETRIC DATA

| | |
|-------------------------|---------|
| Lighting efficiency | 92% |
| Delivered luminous flux | 2622 Lm |
| Light beam angle | 38° |

LIGHTING FIXTURE | ELECTRICAL DATA

| | |
|----------------------------|--|
| Driver | Included: ERP-PSB series or similar |
| Power values of the system | 37,00 W |
| Frequency | 50/60 Hz |
| Dimming | 0-10V / TRIAC/ELV dimming only at 120V |

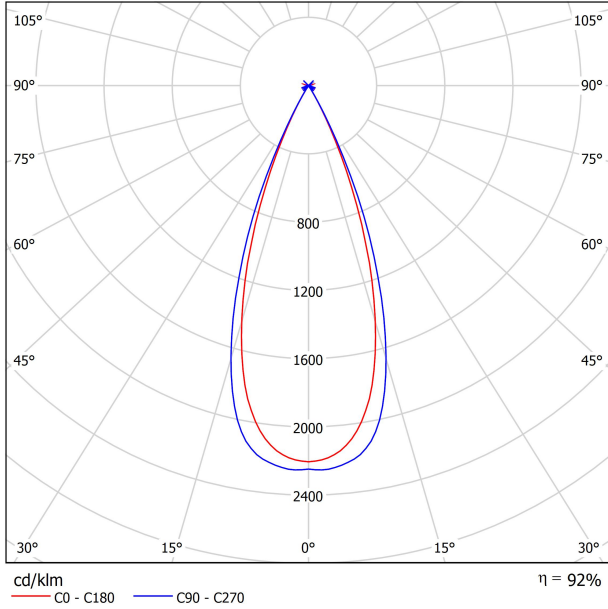
OTHER DATA

| | |
|---------------------------------|---|
| 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. 10 ft MAX. 3.05 m |
| Fast adjustment tensioner | Yes |
| Weight | 9.42 lb 4275 gr |
| Packaged weight | 13.01 lb 5900 gr |
| Packaging dimensions | Ø6.10 x 68.31 in Ø155 x 1735 mm |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

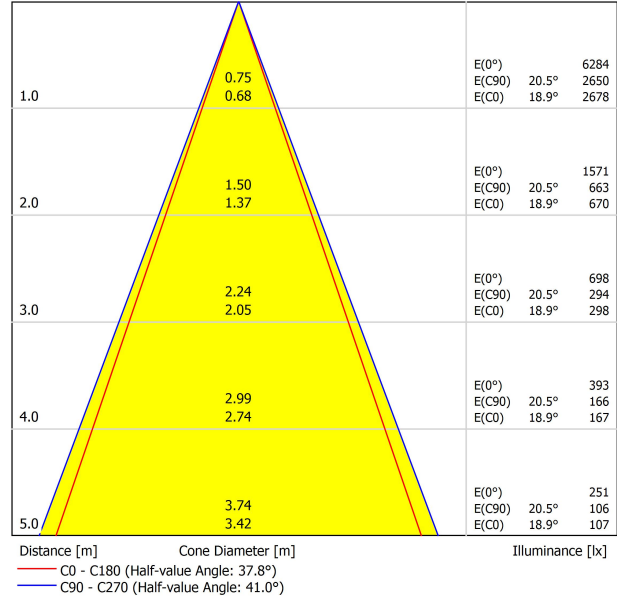


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, wether if it is On or Off, Black Foster always preserves the aesthetic of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

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR | | | | | | | | | | | |
|--|-----|--|-------|-------|-------|-------|---|-------|-------|-------|-------|
| Room Size | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| X | Y | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| 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 |
| 2H | 2H | -15.9 | -15.3 | -15.7 | -15.1 | -14.9 | -16.2 | -15.6 | -16.0 | -15.4 | -15.2 |
| | 3H | -11.8 | -11.2 | -11.5 | -11.0 | -10.8 | -14.4 | -13.8 | -14.1 | -13.6 | -13.3 |
| | 4H | -11.8 | -11.2 | -11.5 | -11.0 | -10.7 | -9.8 | -9.3 | -9.5 | -9.0 | -8.8 |
| | 6H | -10.5 | -10.0 | -10.2 | -9.7 | -9.4 | -6.8 | -6.3 | -6.5 | -6.0 | -5.7 |
| | 8H | -9.3 | -8.8 | -9.0 | -8.5 | -8.2 | -6.2 | -5.8 | -5.9 | -5.5 | -5.2 |
| | 12H | -8.7 | -8.3 | -8.4 | -8.0 | -7.7 | -6.0 | -5.5 | -5.6 | -5.2 | -4.9 |
| 4H | 2H | -13.8 | -13.2 | -13.5 | -13.0 | -12.7 | -13.9 | -13.4 | -13.6 | -13.1 | -12.9 |
| | 3H | -10.7 | -10.2 | -10.3 | -9.9 | -9.6 | -12.1 | -11.6 | -11.7 | -11.3 | -11.0 |
| | 4H | -10.3 | -9.9 | -9.9 | -9.6 | -9.2 | -8.0 | -7.6 | -7.6 | -7.2 | -6.9 |
| | 6H | -8.8 | -8.5 | -8.4 | -8.2 | -7.8 | -4.4 | -4.1 | -4.0 | -3.7 | -3.3 |
| | 8H | -7.2 | -6.9 | -6.8 | -6.5 | -6.1 | -3.8 | -3.5 | -3.4 | -3.2 | -2.8 |
| | 12H | -6.7 | -6.4 | -6.3 | -6.0 | -5.6 | -3.5 | -3.3 | -3.1 | -2.9 | -2.4 |
| 8H | 4H | -8.1 | -7.8 | -7.7 | -7.4 | -7.0 | -6.8 | -6.6 | -6.4 | -6.2 | -5.8 |
| | 6H | -6.5 | -6.3 | -6.0 | -5.8 | -5.4 | -3.1 | -2.9 | -2.6 | -2.4 | -2.0 |
| | 8H | -4.7 | -4.6 | -4.3 | -4.1 | -3.7 | -2.5 | -2.3 | -2.0 | -1.9 | -1.4 |
| | 12H | -4.4 | -4.3 | -3.9 | -3.8 | -3.3 | -1.8 | -1.7 | -1.3 | -1.2 | -0.7 |
| 12H | 4H | -7.5 | -7.3 | -7.1 | -6.9 | -6.5 | -6.8 | -6.5 | -6.3 | -6.1 | -5.7 |
| | 6H | -5.8 | -5.6 | -5.3 | -5.1 | -4.7 | -2.9 | -2.7 | -2.4 | -2.3 | -1.8 |
| | 8H | -4.2 | -4.0 | -3.7 | -3.6 | -3.1 | -2.3 | -2.1 | -1.8 | -1.7 | -1.2 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +4.3 / -1.8 | | | | | +2.3 / -0.6 | | | | |
| S = 1.5H | | +6.8 / -2.0 | | | | | +4.2 / -1.0 | | | | |
| S = 2.0H | | +8.8 / -2.6 | | | | | +5.9 / -2.3 | | | | |
| Standard table Correction Summand | | --- | | | | | --- | | | | |
| Corrected Glare Indices referring to 2850lm Total Luminous Flux | | | | | | | | | | | |