

Black Foster Suspension

ARKOSLIGHT



DIMENSIONS



AWARDS



PRODUCT

| | |
|-----------|---|
| Name | BLACK FOSTER SUSP 1200 UL FLOOD DIM ON BOARD 4000K NT |
| Reference | U3211052NT |
| Color | Textured black |
| Category | Suspension |

LIGHT SOURCE

| | |
|-----------------------|-----------------|
| Type | LED |
| Gross luminous flux | 2500 Lm |
| Color temperature | 4000 K |
| Chromatic stability | MacAdam Step 3 |
| Color Rendering Index | CRI>90 |
| Power | 21 W |
| Current | 700 mA |
| Efficacy | 119 Lm/W |
| LED lifespan | L90B10>102.000h |

LIGHTING FIXTURE | PHOTOMETRIC DATA

| | |
|-------------------------|---------|
| Lighting efficiency | 92% |
| Delivered luminous flux | 2300 Lm |
| Light beam angle | 38° |

LIGHTING FIXTURE | ELECTRICAL DATA

| | |
|----------------------------|-------------------------------------|
| Driver | Included: ERP-PSB series or similar |
| Power values of the system | 24,00 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 black. 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 | 7.18 lb 3255 gr |
| Packaged weight | 9.85 lb 4470 gr |
| Packaging dimensions | Ø6.10 x 50.00 in Ø155 x 1270 mm |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |



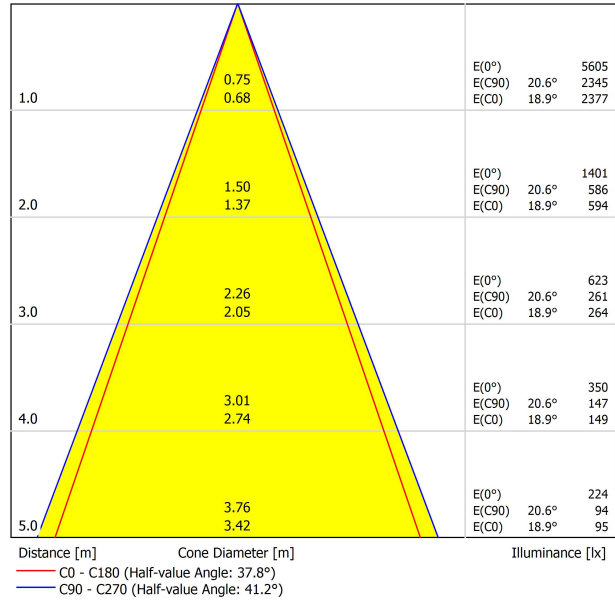
Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a 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 | -23.7 | -23.1 | -23.5 | -22.9 | -22.7 | -20.8 | -20.1 | -20.5 | -19.9 | -19.7 |
| | 3H | -12.0 | -11.4 | -11.7 | -11.2 | -11.0 | -15.0 | -14.4 | -14.7 | -14.2 | -13.9 |
| | 4H | -11.5 | -11.0 | -11.2 | -10.7 | -10.5 | -13.3 | -12.7 | -13.0 | -12.5 | -12.2 |
| | 6H | -8.4 | -7.9 | -8.1 | -7.7 | -7.4 | -10.0 | -9.5 | -9.7 | -9.2 | -9.0 |
| | 8H | -8.4 | -7.9 | -8.1 | -7.6 | -7.3 | -8.1 | -7.6 | -7.7 | -7.3 | -7.0 |
| 4H | 12H | -7.0 | -6.6 | -6.7 | -6.3 | -6.0 | -6.4 | -5.9 | -6.0 | -5.6 | -5.3 |
| | 2H | -16.4 | -15.9 | -16.1 | -15.6 | -15.4 | -15.9 | -15.4 | -15.6 | -15.1 | -14.9 |
| | 3H | -11.3 | -10.9 | -11.0 | -10.6 | -10.3 | -12.6 | -12.1 | -12.2 | -11.8 | -11.5 |
| | 4H | -8.6 | -8.2 | -8.2 | -7.9 | -7.5 | -11.6 | -11.2 | -11.2 | -10.8 | -10.5 |
| | 6H | -6.2 | -5.8 | -5.8 | -5.5 | -5.1 | -7.0 | -6.7 | -6.6 | -6.3 | -6.0 |
| 8H | 8H | -6.0 | -5.8 | -5.6 | -5.4 | -5.0 | -5.8 | -5.5 | -5.4 | -5.1 | -4.7 |
| | 12H | -4.9 | -4.7 | -4.5 | -4.3 | -3.8 | -4.4 | -4.2 | -4.0 | -3.8 | -3.4 |
| | 4H | -8.5 | -8.2 | -8.1 | -7.8 | -7.4 | -10.7 | -10.5 | -10.3 | -10.1 | -9.7 |
| 12H | 6H | -4.8 | -4.6 | -4.4 | -4.2 | -3.7 | -6.0 | -5.8 | -5.6 | -5.4 | -4.9 |
| | 8H | -4.5 | -4.3 | -4.0 | -3.9 | -3.4 | -4.9 | -4.8 | -4.5 | -4.3 | -3.8 |
| | 8H | -3.5 | -3.3 | -3.0 | -2.9 | -2.4 | -3.7 | -3.6 | -3.2 | -3.1 | -2.6 |
| 12H | 4H | -8.2 | -7.9 | -7.8 | -7.5 | -7.1 | -9.8 | -9.5 | -9.4 | -9.2 | -8.7 |
| | 6H | -4.6 | -4.5 | -4.2 | -4.0 | -3.6 | -5.7 | -5.5 | -5.2 | -5.1 | -4.6 |
| | 8H | -4.3 | -4.2 | -3.8 | -3.7 | -3.2 | -4.7 | -4.5 | -4.2 | -4.1 | -3.6 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +2.4 / -1.3 | | | | | +3.7 / -1.4 | | | | |
| S = 1.5H | | +4.3 / -1.5 | | | | | +6.0 / -1.8 | | | | |
| S = 2.0H | | +6.3 / -4.1 | | | | | +8.0 / -2.2 | | | | |
| Standard table | | BK07 | | | | | --- | | | | |
| Correction Summand | | -24.4 | | | | | --- | | | | |
| Corrected Glare Indices referring to 2500lm Total Luminous Flux | | | | | | | | | | | |