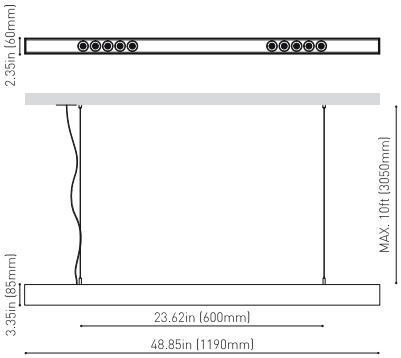
# Black Foster Suspension

ARKOSLIGHT



## Dimensions




| | |
|---|---|
| | **PRODUCT** |
| **Name** | BLACK FOSTER SUSP 1200 UL FLOOD DIM ON BOARD 3500K NT |
| **Reference** | U3211053NT |
| **Color** | Textured black |
| **RAL** | 9005 |
| **Category** | SUSPENSION |

| | |
|---|---|
| | **LIGHT SOURCE** |
| **Type** | LED |
| **Gross luminous flux** | 2300 Lm |
| **Color temperature** | 3500 K |
| **Chromatic stability** | MacAdam Step 3 |
| **Color Rendering Index** | CRI>90 |
| **Power** | 21 W |
| **Current** | 700 mA |
| **Efficacy** | 109 Lm/W |
| **LED lifespan** | L90B10>102.000h |

| | |
|---|---|
| | **LIGHTING FIXTURE \| PHOTOMETRIC DATA** |
| **Lighting efficiency** | 92% |
| **Delivered luminous flux** | 2116 Lm |
| **Light beam angle** | 38° |

| | |
|---|---|
| | **LIGHTING FIXTURE \| ELECTRICAL DATA** |
| **Driver** | Included: ERP-PSB series or similar |
| **Power values of the system** | 24 W |
| **Frequency** | 50/60 Hz |
| **Dimming** | DIM on Board |

| | |
|---|---|
| | **OTHER DATA** |
| **Environmental location** | DAMP |
| **Junction box cover** | Included. For octogonal 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 |

## 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 emisions with dark segments. Nevertheless, wether if it is On or Off, Black Foster always preserves the aesthetic of a perfect dark line.

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5 Year GUARANTEE

# Black Foster Suspension

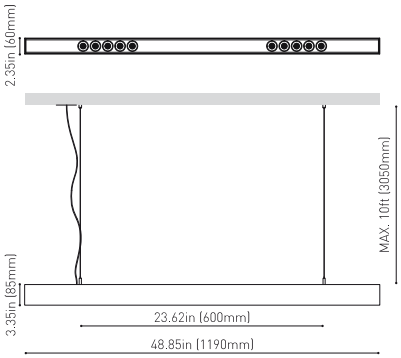
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| | |
|---|---|
| **Fast adjustment tensioner** | Yes |
| **Weight** | 7.18 lb \| 3255 gr |
| **Packaged weight** | 9.85 lb \| 4470 gr |
| **Packaging dimensions** | Ø6.10x50.00 in \| Ø155x1270 mm |
| **Materials** | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |

OTHER DATA

## Dimensions




## Awards

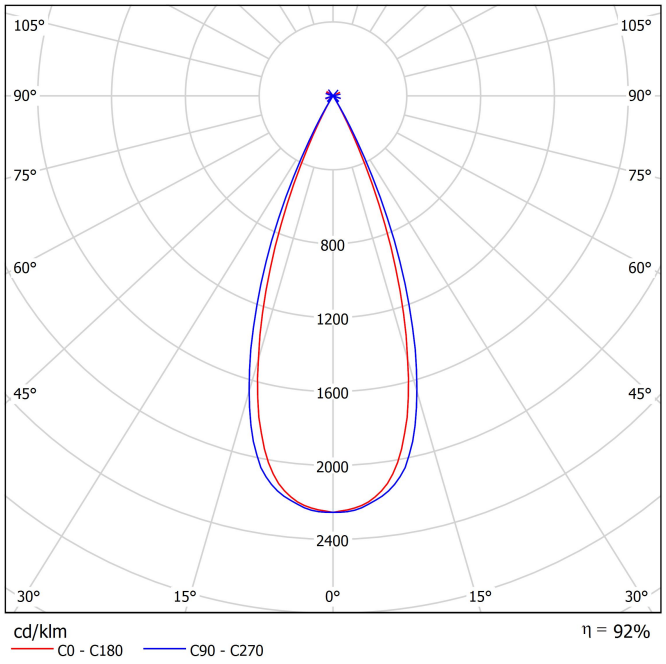
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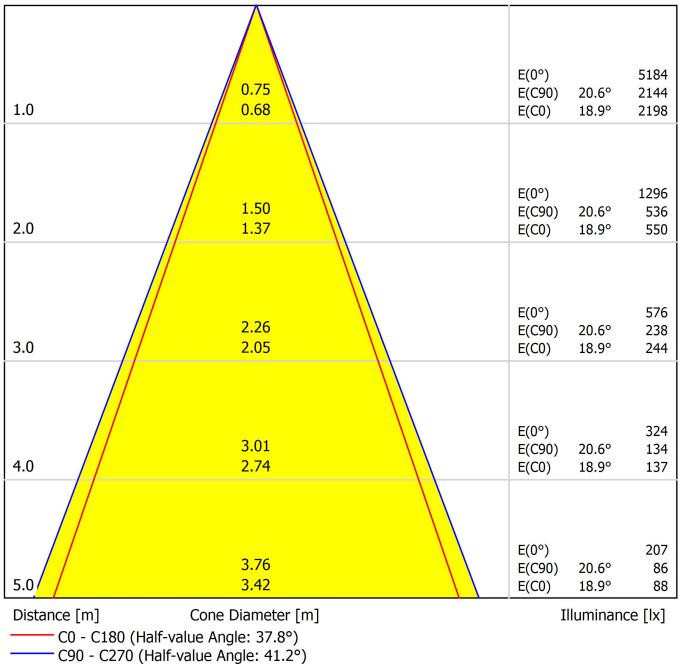
# Lighting Technical Data

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## 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 | -8.8 | -8.2 | -8.6 | -8.0 | -7.8 | -6.1 | -5.5 | -5.9 | -5.3 | -5.1 |
| | 3H | -7.1 | -6.5 | -6.8 | -6.3 | -6.1 | -5.7 | -5.2 | -5.5 | -4.9 | -4.7 |
| | 4H | -6.9 | -6.3 | -6.6 | -6.1 | -5.8 | -5.7 | -5.2 | -5.4 | -4.9 | -4.7 |
| | 6H | -5.8 | -5.3 | -5.5 | -5.0 | -4.8 | -5.3 | -4.8 | -5.0 | -4.5 | -4.2 |
| | 8H | -5.8 | -5.3 | -5.5 | -5.0 | -4.7 | -4.8 | -4.3 | -4.4 | -4.0 | -3.7 |
| | 12H | -5.1 | -4.7 | -4.8 | -4.4 | -4.1 | -4.2 | -3.7 | -3.8 | -3.4 | -3.1 |
| 4H | 2H | -8.7 | -8.2 | -8.4 | -7.9 | -7.6 | -6.2 | -5.7 | -5.9 | -5.4 | -5.2 |
| | 3H | -7.0 | -6.6 | -6.7 | -6.3 | -6.0 | -5.8 | -5.3 | -5.4 | -5.0 | -4.7 |
| | 4H | -6.2 | -5.8 | -5.8 | -5.5 | -5.1 | -5.6 | -5.2 | -5.3 | -4.9 | -4.6 |
| | 6H | -4.3 | -4.0 | -3.9 | -3.6 | -3.3 | -4.5 | -4.1 | -4.1 | -3.8 | -3.4 |
| | 8H | -4.2 | -4.0 | -3.8 | -3.6 | -3.2 | -3.9 | -3.6 | -3.5 | -3.2 | -2.8 |
| | 12H | -3.6 | -3.3 | -3.1 | -2.9 | -2.5 | -3.2 | -3.0 | -2.8 | -2.6 | -2.1 |
| 8H | 4H | -5.9 | -5.6 | -5.5 | -5.2 | -4.8 | -5.4 | -5.1 | -5.0 | -4.7 | -4.3 |
| | 6H | -3.7 | -3.5 | -3.2 | -3.1 | -2.6 | -3.9 | -3.7 | -3.5 | -3.3 | -2.8 |
| | 8H | -3.5 | -3.3 | -3.0 | -2.9 | -2.4 | -3.3 | -3.2 | -2.9 | -2.7 | -2.3 |
| | 12H | -2.8 | -2.6 | -2.3 | -2.2 | -1.7 | -2.7 | -2.5 | -2.2 | -2.1 | -1.6 |
| 12H | 4H | -5.8 | -5.5 | -5.3 | -5.1 | -4.7 | -5.3 | -5.0 | -4.8 | -4.6 | -4.2 |
| | 6H | -3.6 | -3.4 | -3.2 | -3.0 | -2.5 | -3.8 | -3.6 | -3.4 | -3.2 | -2.7 |
| | 8H | -3.4 | -3.2 | -2.9 | -2.8 | -2.3 | -3.3 | -3.1 | -2.8 | -2.7 | -2.2 |

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 | -21.5 | --- |

Corrected Glare Indices referring to 2300lm Total Luminous Flux


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