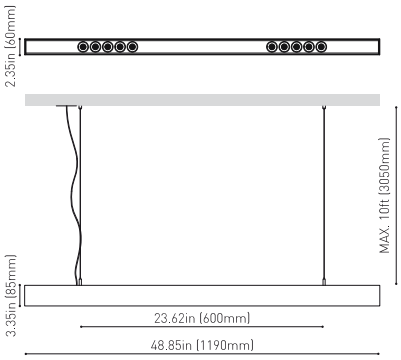
# BLACK FOSTER SUSPENSION

JOKERLIGHT®

## DIMENSIONS




## AWARDS

DESIGN AWARD 2019

BESTofyear HONOREE 2019 INTERIOR DESIGN

| PRODUCT | |
|---|---|
| Name | BLACK FOSTER SUSP 1200 UL SPOT DIM ON BOARD 4000K NT |
| Reference | U3211152NT |
| 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 | L80B10 >60.000h |

| LIGHTING FIXTURE \| PHOTOMETRIC DATA | |
|---|---|
| Lighting efficiency | 90% |
| Delivered luminous flux | 2250 Lm |
| Light beam angle | 19° |

| 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 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. 3.05 m |
| 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 |

c ETL us Intertek

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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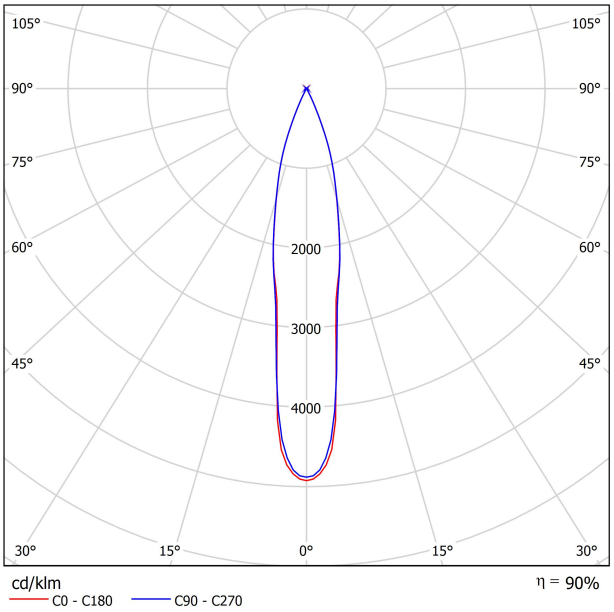
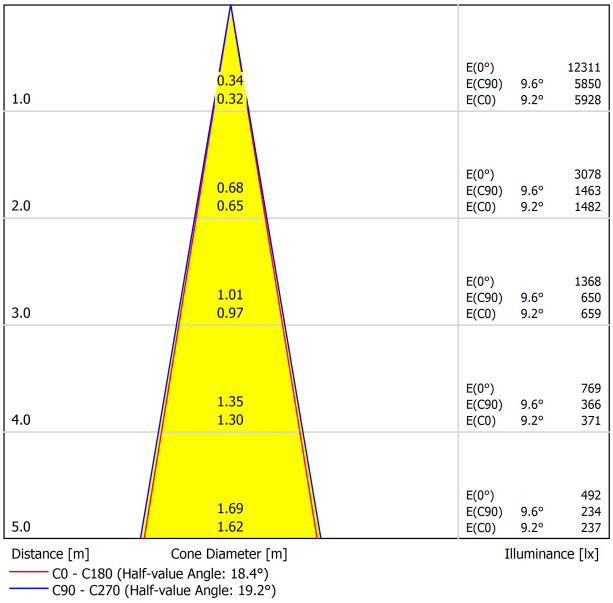
5 Year WARRANTY*

## 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 | -0.5 | 0.2 | -0.2 | 0.4 | 0.6 | 0.4 | 1.0 | 0.6 | 1.2 | 1.4 |
| | 3H | 3.0 | 3.6 | 3.3 | 3.9 | 4.1 | 4.3 | 4.9 | 4.6 | 5.1 | 5.4 |
| | 4H | 5.0 | 5.6 | 5.3 | 5.8 | 6.1 | 6.1 | 6.7 | 6.4 | 7.0 | 7.2 |
| | 6H | 7.2 | 7.8 | 7.6 | 8.0 | 8.3 | 8.4 | 8.9 | 8.7 | 9.2 | 9.5 |
| | 8H | 8.4 | 8.9 | 8.7 | 9.2 | 9.5 | 9.6 | 10.2 | 10.0 | 10.4 | 10.7 |
| | 12H | 9.8 | 10.3 | 10.1 | 10.6 | 10.9 | 11.1 | 11.5 | 11.4 | 11.8 | 12.2 |
| 4H | 2H | 0.9 | 1.5 | 1.2 | 1.7 | 2.0 | 1.5 | 2.0 | 1.8 | 2.3 | 2.5 |
| | 3H | 4.6 | 5.1 | 5.0 | 5.4 | 5.7 | 5.5 | 6.0 | 5.8 | 6.3 | 6.6 |
| | 4H | 6.7 | 7.1 | 7.1 | 7.5 | 7.8 | 7.5 | 7.9 | 7.9 | 8.3 | 8.6 |
| | 6H | 9.0 | 9.4 | 9.4 | 9.7 | 10.1 | 9.9 | 10.3 | 10.3 | 10.7 | 11.0 |
| | 8H | 10.2 | 10.5 | 10.6 | 10.9 | 11.3 | 11.3 | 11.6 | 11.7 | 12.0 | 12.4 |
| | 12H | 11.7 | 12.0 | 12.1 | 12.4 | 12.8 | 12.8 | 13.1 | 13.3 | 13.5 | 13.9 |
| 8H | 4H | 7.7 | 8.0 | 8.1 | 8.4 | 8.8 | 8.3 | 8.6 | 8.7 | 9.0 | 9.4 |
| | 6H | 10.1 | 10.4 | 10.6 | 10.8 | 11.2 | 10.9 | 11.1 | 11.4 | 11.6 | 12.0 |
| | 8H | 11.6 | 11.8 | 12.0 | 12.2 | 12.7 | 12.4 | 12.6 | 12.9 | 13.1 | 13.6 |
| | 12H | 13.2 | 13.4 | 13.7 | 13.8 | 14.3 | 14.2 | 14.4 | 14.7 | 14.8 | 15.3 |
| 12H | 4H | 8.0 | 8.2 | 8.4 | 8.6 | 9.0 | 8.5 | 8.8 | 8.9 | 9.2 | 9.6 |
| | 6H | 10.5 | 10.7 | 11.0 | 11.1 | 11.6 | 11.2 | 11.4 | 11.7 | 11.8 | 12.3 |
| | 8H | 12.0 | 12.2 | 12.5 | 12.7 | 13.2 | 12.8 | 13.0 | 13.3 | 13.5 | 14.0 |

| 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 2500lm Total Luminous Flux