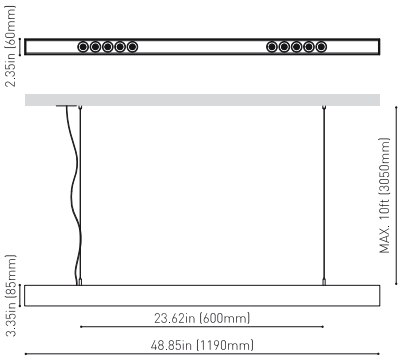
# BLACK FOSTER SUSPENSION

JOKERLIGHT®

## DIMENSIONS




## AWARDS

DESIGN AWARD 2019

BESTofyear HONOREE 2019 INTERIOR DESIGN

| PRODUCT | |
|---|---|
| Name | BLACK FOSTER SUSP 1200 UL FLOOD 3000K WT |
| Reference | U3211011WT |
| Color | Textured white |
| Category | SUSPENSION |

| LIGHT SOURCE | |
|---|---|
| Type | LED |
| Gross luminous flux | 2100 Lm |
| Color temperature | 3000 K |
| Chromatic stability | MacAdam Step 3 |
| Color Rendering Index | CRI>90 |
| Power | 21 W |
| Current | 700 mA |
| Efficacy | 100 Lm/W |
| LED lifespan | L80B10 >60.000h |

| LIGHTING FIXTURE \| PHOTOMETRIC DATA | |
|---|---|
| Lighting efficiency | 92% |
| Delivered luminous flux | 1932 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 | 0-10V / TRIAC/ELV dimming only at 120V |

| 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 |
| 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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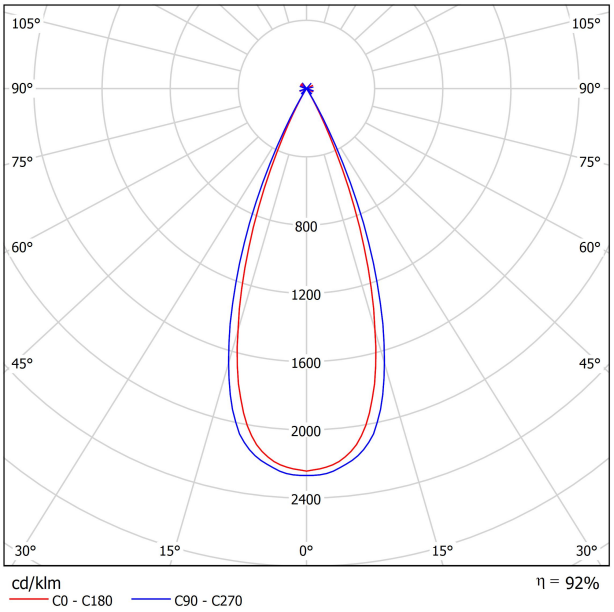
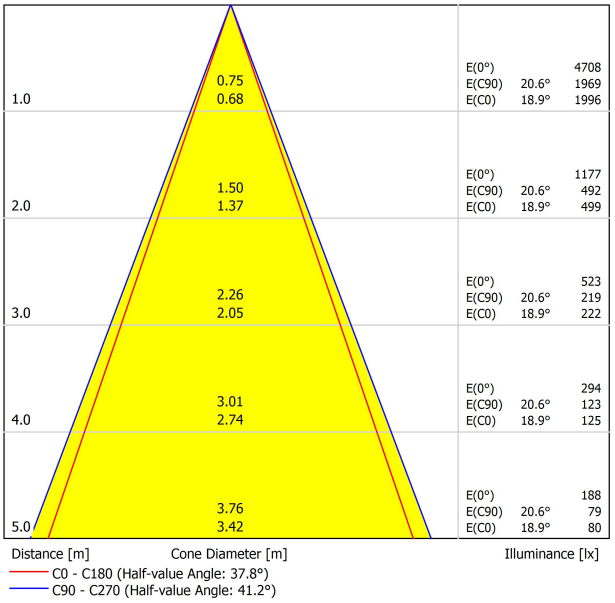
15-05-25 / 02:35

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 | -24.3 | -23.7 | -24.1 | -23.5 | -23.3 | -21.4 | -20.7 | -21.1 | -20.5 | -20.3 |
| | 3H | -12.6 | -12.0 | -12.3 | -11.8 | -11.6 | -15.6 | -15.0 | -15.3 | -14.8 | -14.6 |
| | 4H | -12.1 | -11.6 | -11.8 | -11.3 | -11.1 | -13.9 | -13.4 | -13.6 | -13.1 | -12.8 |
| | 6H | -9.1 | -8.6 | -8.7 | -8.3 | -8.0 | -10.6 | -10.1 | -10.3 | -9.8 | -9.6 |
| | 8H | -9.0 | -8.5 | -8.7 | -8.2 | -7.9 | -8.7 | -8.2 | -8.3 | -7.9 | -7.6 |
| | 12H | -7.6 | -7.2 | -7.3 | -6.9 | -6.6 | -7.0 | -6.5 | -6.6 | -6.2 | -5.9 |
| 4H | 2H | -17.0 | -16.5 | -16.7 | -16.2 | -16.0 | -16.5 | -16.0 | -16.2 | -15.7 | -15.5 |
| | 3H | -11.9 | -11.5 | -11.6 | -11.2 | -10.9 | -13.2 | -12.7 | -12.8 | -12.4 | -12.1 |
| | 4H | -9.2 | -8.8 | -8.8 | -8.5 | -8.2 | -12.2 | -11.8 | -11.8 | -11.4 | -11.1 |
| | 6H | -6.8 | -6.4 | -6.4 | -6.1 | -5.7 | -7.6 | -7.3 | -7.2 | -6.9 | -6.6 |
| | 8H | -6.6 | -6.4 | -6.2 | -6.0 | -5.6 | -6.4 | -6.1 | -6.0 | -5.7 | -5.3 |
| | 12H | -5.5 | -5.3 | -5.1 | -4.9 | -4.4 | -5.0 | -4.8 | -4.6 | -4.4 | -4.0 |
| 8H | 4H | -9.1 | -8.8 | -8.7 | -8.5 | -8.1 | -11.3 | -11.1 | -10.9 | -10.7 | -10.3 |
| | 6H | -5.4 | -5.2 | -5.0 | -4.8 | -4.3 | -6.6 | -6.4 | -6.2 | -6.0 | -5.6 |
| | 8H | -5.1 | -4.9 | -4.6 | -4.5 | -4.0 | -5.5 | -5.4 | -5.1 | -4.9 | -4.5 |
| | 12H | -4.1 | -4.0 | -3.6 | -3.5 | -3.0 | -4.3 | -4.2 | -3.8 | -3.7 | -3.2 |
| 12H | 4H | -8.8 | -8.6 | -8.4 | -8.2 | -7.7 | -10.4 | -10.2 | -10.0 | -9.8 | -9.3 |
| | 6H | -5.2 | -5.1 | -4.8 | -4.6 | -4.2 | -6.3 | -6.1 | -5.8 | -5.7 | -5.2 |
| | 8H | -4.9 | -4.8 | -4.4 | -4.3 | -3.8 | -5.3 | -5.1 | -4.8 | -4.7 | -4.2 |

| 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 | -24.4 | --- |
| Corrected Glare Indices referring to 2100lm Total Luminous Flux | | |