

Black Foster Suspension

ARKOSLIGHT



DIMENSIONS



AWARDS



PRODUCT

Name BLACK FOSTER SUSP 1600 UL SPOT DIM ON BOARD 3000K NTMG

Reference U3212151NTMG

Color Textured black-Metallized gold

Category Suspension

LIGHT SOURCE

Type LED

Gross luminous flux 3150 Lm

Color temperature 3000 K

Chromatic stability MacAdam Step 3

Color Rendering Index CRI>90

Power 31.5 W

Current 700 mA

Efficacy 100 Lm/W

LED lifespan L90B10>102.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency 90%

Delivered luminous flux 2835 Lm

Light beam angle 19°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver Included: ERP-PSB series or similar

Power values of the system 37,00 W

Frequency 50/60 Hz

Dimming DIM on Board

OTHER DATA

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. 3.05 m

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

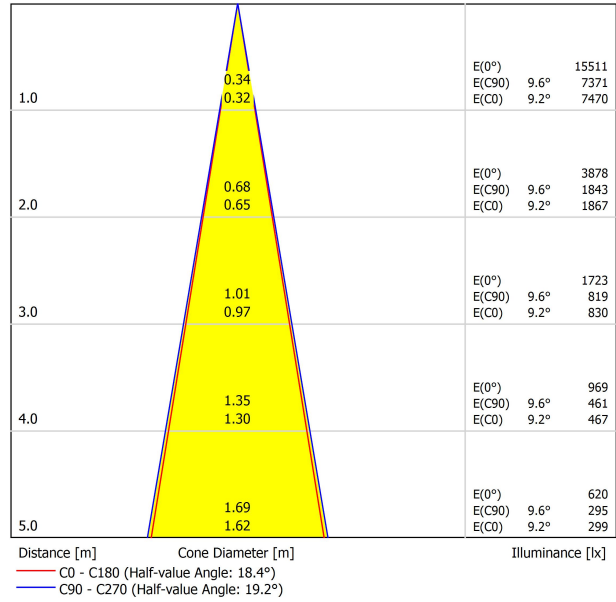


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, wether if it is On or Off, Black Foster always preserves the aesthetic of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

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR | | | | | | | | | | | |
|---|--|--|------|------|------|------|---|------|------|------|------|
| 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 | -1.4 | -0.8 | -1.2 | -0.6 | -0.4 | -0.6 | 0.1 | -0.3 | 0.3 | 0.5 |
| | 3H | 2.1 | 2.7 | 2.3 | 2.9 | 3.1 | 3.3 | 3.9 | 3.6 | 4.2 | 4.4 |
| | 4H | 4.0 | 4.6 | 4.3 | 4.9 | 5.1 | 5.2 | 5.7 | 5.5 | 6.0 | 6.2 |
| | 6H | 6.3 | 6.8 | 6.6 | 7.1 | 7.4 | 7.4 | 8.0 | 7.8 | 8.2 | 8.5 |
| | 8H | 7.4 | 7.9 | 7.7 | 8.2 | 8.5 | 8.7 | 9.2 | 9.0 | 9.5 | 9.8 |
| 4H | 12H | 8.8 | 9.3 | 9.1 | 9.6 | 9.9 | 10.1 | 10.6 | 10.4 | 10.9 | 11.2 |
| | 2H | -0.1 | 0.5 | 0.2 | 0.8 | 1.0 | 0.5 | 1.1 | 0.8 | 1.3 | 1.6 |
| | 3H | 3.7 | 4.1 | 4.0 | 4.4 | 4.8 | 4.5 | 5.0 | 4.9 | 5.3 | 5.6 |
| | 4H | 5.7 | 6.2 | 6.1 | 6.5 | 6.8 | 6.6 | 7.0 | 6.9 | 7.3 | 7.6 |
| | 6H | 8.0 | 8.4 | 8.4 | 8.7 | 9.1 | 9.0 | 9.3 | 9.4 | 9.7 | 10.1 |
| 8H | 8H | 9.2 | 9.6 | 9.7 | 9.9 | 10.3 | 10.3 | 10.6 | 10.7 | 11.0 | 11.4 |
| | 12H | 10.7 | 11.0 | 11.2 | 11.4 | 11.8 | 11.9 | 12.1 | 12.3 | 12.5 | 13.0 |
| | 4H | 6.7 | 7.0 | 7.1 | 7.4 | 7.8 | 7.3 | 7.6 | 7.7 | 8.0 | 8.4 |
| | 6H | 9.2 | 9.4 | 9.6 | 9.8 | 10.3 | 9.9 | 10.2 | 10.4 | 10.6 | 11.0 |
| | 8H | 10.6 | 10.8 | 11.0 | 11.2 | 11.7 | 11.5 | 11.7 | 11.9 | 12.1 | 12.6 |
| 12H | 12H | 12.2 | 12.4 | 12.7 | 12.9 | 13.3 | 13.2 | 13.4 | 13.7 | 13.8 | 14.3 |
| | 4H | 7.0 | 7.2 | 7.4 | 7.6 | 8.1 | 7.5 | 7.8 | 7.9 | 8.2 | 8.6 |
| | 6H | 9.5 | 9.7 | 10.0 | 10.2 | 10.6 | 10.2 | 10.4 | 10.7 | 10.9 | 11.3 |
| | 8H | 11.1 | 11.2 | 11.6 | 11.7 | 12.2 | 11.9 | 12.0 | 12.3 | 12.5 | 13.0 |
| | 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 3150lm Total Luminous Flux | | | | | | | | | | | |