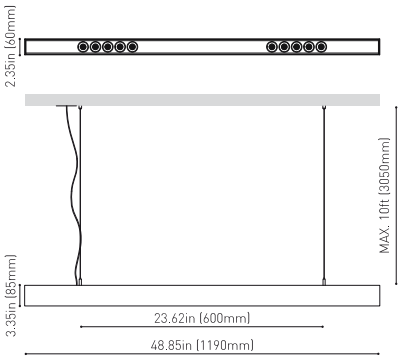
Black Foster Suspension

ARKOSLIGHT

DIMENSIONS



AWARDS

PRODUCT	
Name	BLACK FOSTER SUSP 1200 UL SPOT 3500K WT
Reference	U3211113WT
Color	Textured white
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	90%
Delivered luminous flux	2070 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	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. 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

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*

Lighting Technical Data

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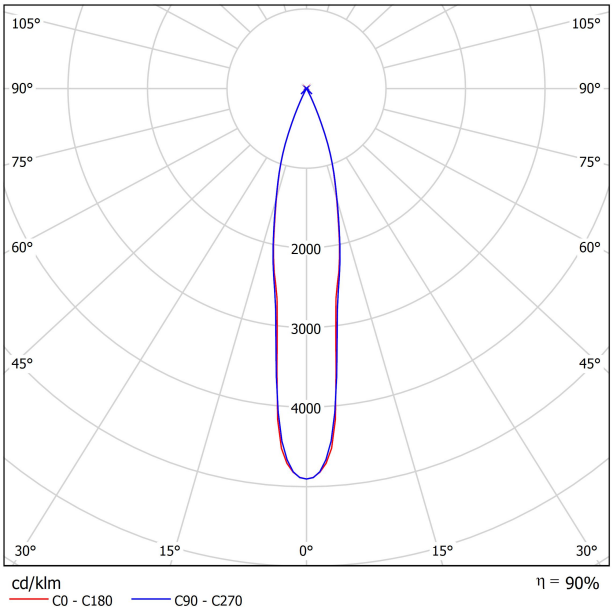
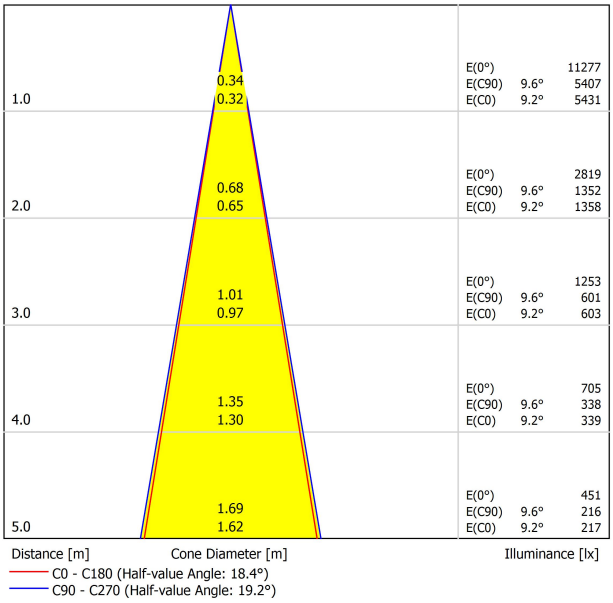
POLAR DIAGRAM



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	-0.1	0.6	0.2	0.8	1.0	0.5	1.1	0.7	1.3	1.5
	3H	3.1	3.7	3.4	4.0	4.2	3.9	4.5	4.2	4.8	5.0
	4H	5.0	5.5	5.3	5.8	6.0	5.9	6.5	6.2	6.7	7.0
	6H	7.0	7.6	7.4	7.8	8.1	8.1	8.7	8.4	8.9	9.2
	8H	8.1	8.6	8.5	8.9	9.2	9.4	9.9	9.7	10.2	10.5
	12H	9.5	10.0	9.8	10.3	10.6	10.8	11.3	11.1	11.6	11.9
4H	2H	1.2	1.8	1.5	2.0	2.3	1.6	2.1	1.9	2.4	2.6
	3H	4.6	5.1	4.9	5.4	5.7	5.2	5.7	5.6	6.0	6.3
	4H	6.6	7.0	7.0	7.3	7.7	7.3	7.8	7.7	8.1	8.4
	6H	8.8	9.1	9.2	9.5	9.9	9.7	10.1	10.1	10.4	10.8
	8H	10.0	10.3	10.4	10.7	11.1	11.0	11.4	11.5	11.7	12.1
	12H	11.4	11.7	11.8	12.1	12.5	12.6	12.9	13.0	13.3	13.7
8H	4H	7.5	7.8	7.9	8.2	8.6	8.1	8.4	8.5	8.8	9.2
	6H	9.9	10.1	10.3	10.5	11.0	10.7	10.9	11.1	11.3	11.8
	8H	11.3	11.5	11.7	11.9	12.4	12.2	12.4	12.7	12.8	13.3
	12H	12.9	13.1	13.4	13.5	14.0	13.9	14.1	14.4	14.6	15.0
12H	4H	7.8	8.0	8.2	8.4	8.9	8.3	8.5	8.7	8.9	9.4
	6H	10.3	10.5	10.7	10.9	11.4	10.9	11.1	11.4	11.6	12.1
	8H	11.8	11.9	12.3	12.4	12.9	12.6	12.7	13.1	13.2	13.7

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 2300lm Total Luminous Flux

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