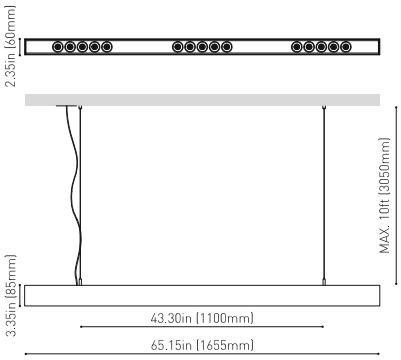
Black Foster Suspension

ARKOSLIGHT

DIMENSIONS



AWARDS

Name	BLACK FOSTER SUSP 1600 UL SPOT 3000K NTMG
Reference	U3212111NTMG
Color	Textured black-Metallized gold
Category	Suspension

PRODUCT

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

LIGHT SOURCE

Lighting efficiency	90%
Delivered luminous flux	2835 Lm
Light beam angle	19°

LIGHTING FIXTURE | PHOTOMETRIC DATA

Driver	Included: ERP-PSB series or similar
Power values of the system	37,00 W
Frequency	50/60 Hz
Dimming	0-10V / TRIAC/ELV dimming only at 120V

LIGHTING FIXTURE | ELECTRICAL 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	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

OTHER DATA

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.

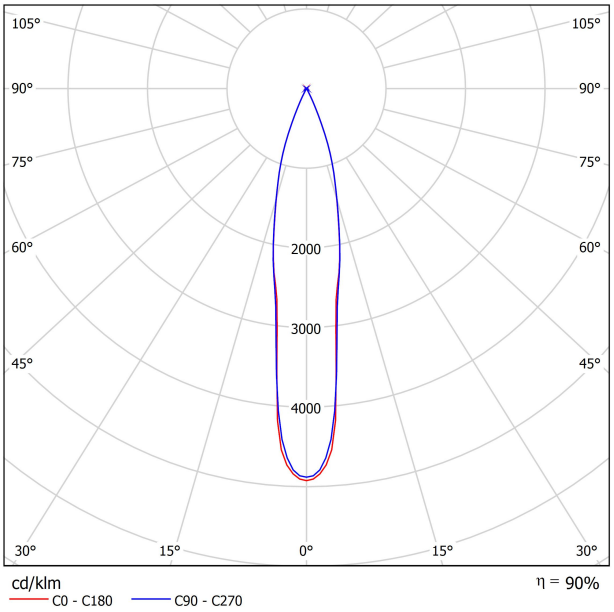
Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com · www.arkoslight.com

5 Year GUARANTEE*

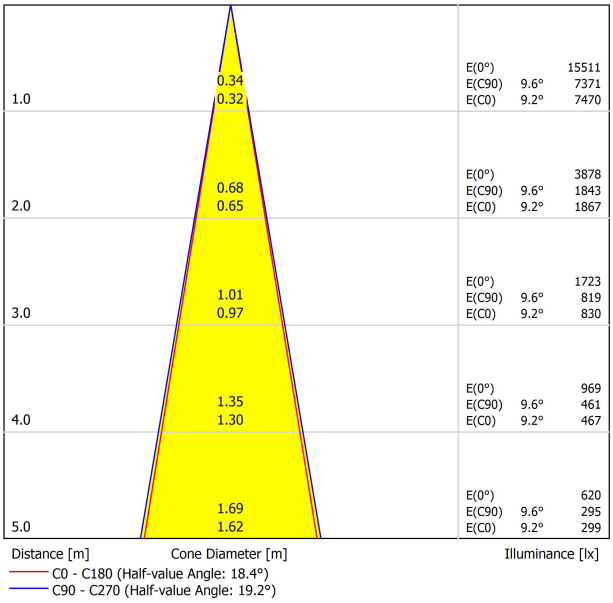
Lighting Technical Data

ARKOSLIGHT

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
	12H	8.8	9.3	9.1	9.6	9.9	10.1	10.6	10.4	10.9	11.2
4H	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	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
8H	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	12.2	12.4	12.7	12.9	13.3	13.2	13.4	13.7	13.8	14.3
12H	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											