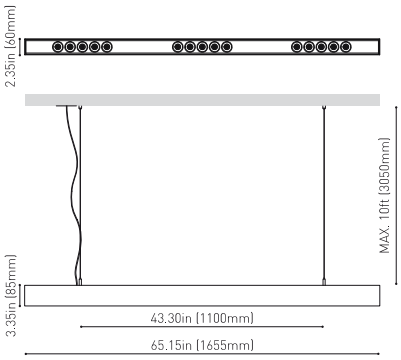
BLACK FOSTER SUSPENSION

JOKERLIGHT®

DIMENSIONS



PRODUCT

Name	BLACK FOSTER SUSP 1600 UL SPOT 3000K NTMG
Reference	U3212111NTMG
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
LED lifespan	L80B10 >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	90%
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	0-10V / TRIAC/ELV dimming only at 120V

OTHER DATA

Environmental location	DAMP
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	Ø6.10x68.31 in	Ø155x1735 mm
Units per package	1
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

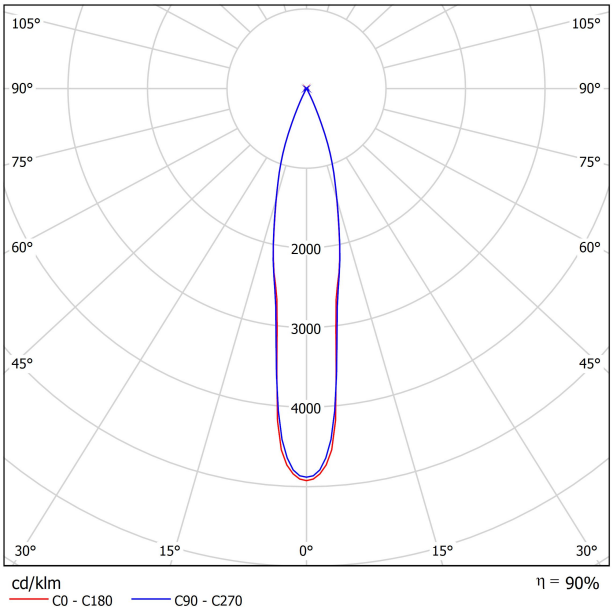
AWARDS

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.

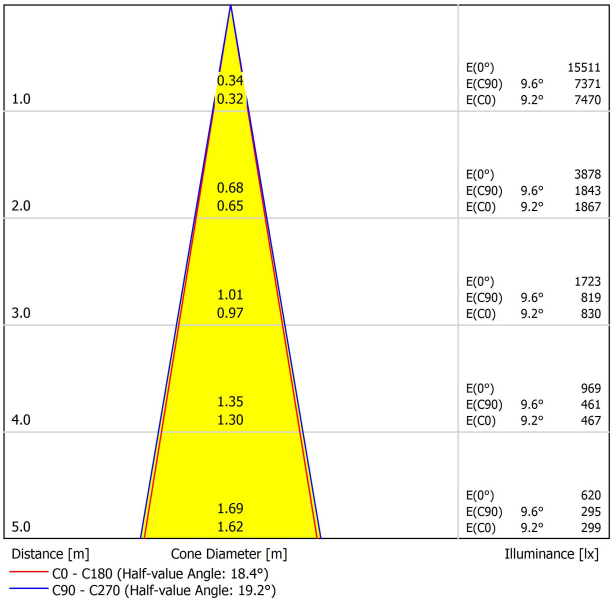
JOKERLIGHT LLC
2750 NW 84th Ave · Doral · FL 33122 (USA)
info@jokerlight.com · www.jokerlight.com

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	-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