



## DIMENSIONS



<b>Name</b>	BLACK FOSTER SUSP 1600 UL SPOT DIM ON BOARD 3000K WT
<b>Reference</b>	U3212151WT
<b>Color</b>	Textured white
<b>Category</b>	SUSPENSION

<b>Type</b>	LED
<b>Gross luminous flux</b>	3150 Lm
<b>Color temperature</b>	3000 K
<b>Chromatic stability</b>	MacAdam Step 3
<b>Color Rendering Index</b>	CRI>90
<b>Power</b>	31.5 W
<b>Current</b>	700 mA
<b>LED lifespan</b>	L80B10 >60.000h

<b>Lighting efficiency</b>	90%
<b>Delivered luminous flux</b>	2835 Lm
<b>Light beam angle</b>	19°

<b>Driver</b>	Included: ERP-PSB series or similar
<b>Power values of the system</b>	37,00 W
<b>Frequency</b>	50/60 Hz
<b>Dimming</b>	DIM on Board

<b>Environmental location</b>	DAMP
<b>Cord Length</b>	MAX. 3.05 m
<b>Fast adjustment tensioner</b>	Yes
<b>Weight</b>	9.42 lb   4275 gr
<b>Packaged weight</b>	13.01 lb   5900 gr
<b>Packaging dimensions</b>	Ø6.10x68.31 in   Ø155x1735 mm
<b>Materials</b>	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

## PRODUCT

## LIGHT SOURCE

## LIGHTING FIXTURE | PHOTOMETRIC DATA

## LIGHTING FIXTURE | ELECTRICAL DATA

## OTHER DATA



## AWARDS

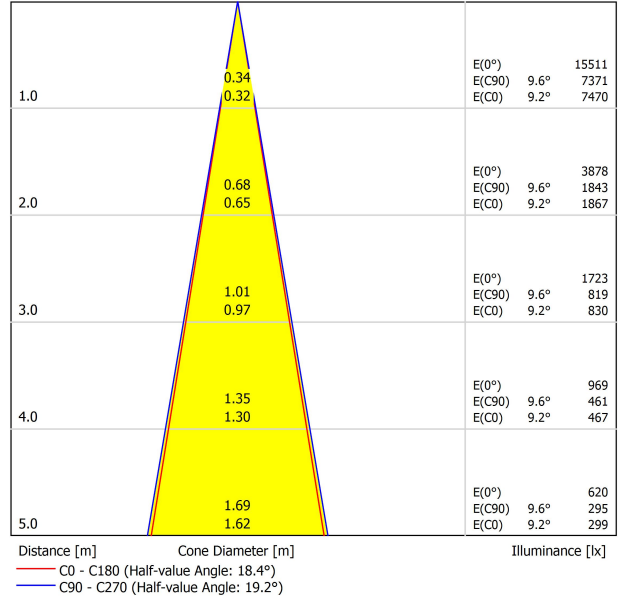


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, wether if it is On or Off, Black Foster always preserves the aesthetic of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