



## DIMENSIONS



<b>Name</b>	BLACK FOSTER SUSP 1600 UL SPOT 4000K WT
<b>Reference</b>	U3212112WT
<b>Color</b>	Textured white
<b>Category</b>	SUSPENSION

<b>Type</b>	LED
<b>Gross luminous flux</b>	3750 Lm
<b>Color temperature</b>	4000 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>	3375 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>	0-10V / TRIAC/ELV dimming only at 120V

<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

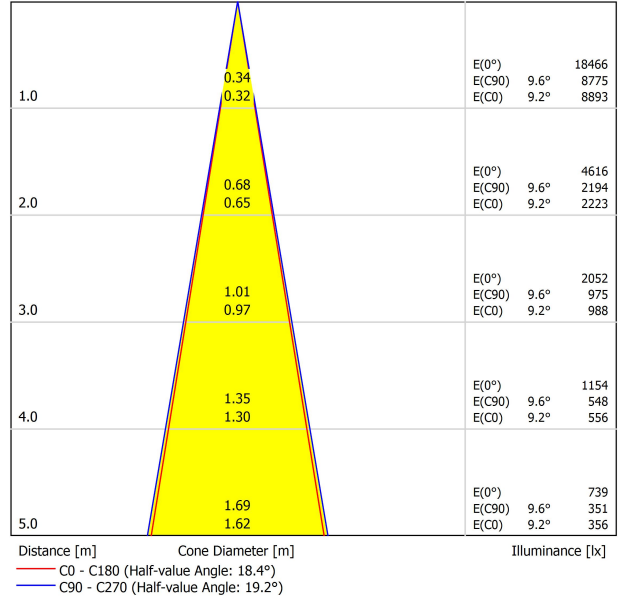


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a 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	-0.8	-0.2	-0.6	0.0	0.2	0.0	0.7	0.3	0.9	1.1
	3H	2.7	3.3	2.9	3.5	3.7	3.9	4.5	4.2	4.8	5.0
	4H	4.6	5.2	4.9	5.5	5.7	5.8	6.3	6.1	6.6	6.8
	6H	6.9	7.4	7.2	7.7	8.0	8.0	8.6	8.4	8.9	9.1
	8H	8.0	8.5	8.3	8.8	9.1	9.3	9.8	9.6	10.1	10.4
4H	2H	0.5	1.1	0.8	1.4	1.6	1.1	1.7	1.4	1.9	2.2
	3H	4.3	4.7	4.6	5.0	5.4	5.1	5.6	5.5	5.9	6.2
	4H	6.3	6.8	6.7	7.1	7.4	7.2	7.6	7.5	7.9	8.3
	6H	8.6	9.0	9.0	9.4	9.7	9.6	9.9	10.0	10.3	10.7
	8H	9.9	10.2	10.3	10.5	10.9	10.9	11.2	11.3	11.6	12.0
8H	2H	11.3	11.6	11.8	12.0	12.4	12.5	12.7	12.9	13.1	13.6
	4H	7.3	7.6	7.7	8.0	8.4	7.9	8.2	8.3	8.6	9.0
	6H	9.8	10.0	10.2	10.4	10.9	10.5	10.8	11.0	11.2	11.6
	8H	11.2	11.4	11.7	11.8	12.3	12.1	12.3	12.5	12.7	13.2
	12H	12.8	13.0	13.3	13.5	14.0	13.8	14.0	14.3	14.5	14.9
12H	4H	7.6	7.9	8.0	8.3	8.7	8.1	8.4	8.5	8.8	9.2
	6H	10.1	10.3	10.6	10.8	11.2	10.8	11.0	11.3	11.5	11.9
	8H	11.7	11.8	12.2	12.3	12.8	12.5	12.6	13.0	13.1	13.6
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 3750lm Total Luminous Flux											