

Black Foster Suspension

ARKOSLIGHT



DIMENSIONS



AWARDS



PRODUCT

Name	BLACK FOSTER SUSP 1200 UL FLOOD DIM ON BOARD 3000K WT
Reference	U3211051WT
Color	Textured white
Category	Suspension

LIGHT SOURCE

Type	LED
Gross luminous flux	2100 Lm
Color temperature	3000 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	21 W
Current	700 mA
Efficacy	100 Lm/W
LED lifespan	L90B10>102.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	92%
Delivered luminous flux	1932 Lm
Light beam angle	38°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included: ERP-PSB series or similar
Power values of the system	24,00 W
Frequency	50/60 Hz
Dimming	DIM on Board

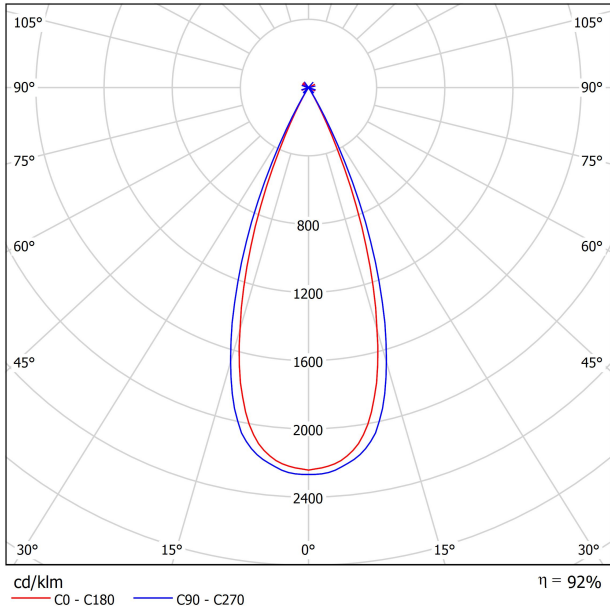
OTHER DATA

Environmental location	DAMP
Junction box cover	Included. For octagonal Junction box
Junction box cover color	Textured white. Other finishing, please consult
Junction box cover measurements	Ø5.51 in Ø140 mm
Cord Length	MAX. 10 ft MAX. 3.05 m
Fast adjustment tensioner	Yes
Weight	7.18 lb 3255 gr
Packaged weight	9.85 lb 4470 gr
Packaging dimensions	Ø6.10 x 50.00 in Ø155 x 1270 mm
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

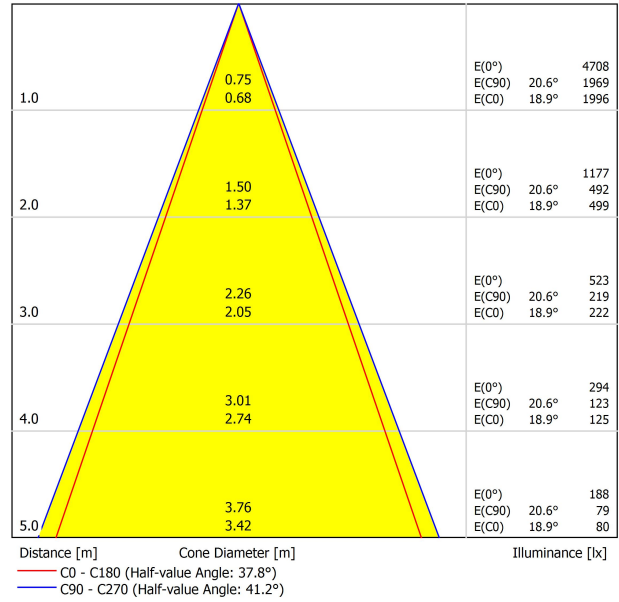


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, wether if it is On or Off, Black Foster always preserves the aesthetic of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

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
Room Size		70	70	50	50	30	70	70	50	50	30
X Y		50	30	50	30	30	50	30	50	30	30
ρ Ceiling		20	20	20	20	20	20	20	20	20	20
ρ Walls		20	20	20	20	20	20	20	20	20	20
ρ Floor		20	20	20	20	20	20	20	20	20	20
		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	-24.3	-23.7	-24.1	-23.5	-23.3	-21.4	-20.7	-21.1	-20.5	-20.3
	3H	-12.6	-12.0	-12.3	-11.8	-11.6	-15.6	-15.0	-15.3	-14.8	-14.6
	4H	-12.1	-11.6	-11.8	-11.3	-11.1	-13.9	-13.4	-13.6	-13.1	-12.8
	6H	-9.1	-8.6	-8.7	-8.3	-8.0	-10.6	-10.1	-10.3	-9.8	-9.6
	8H	-9.0	-8.5	-8.7	-8.2	-7.9	-8.7	-8.2	-8.3	-7.9	-7.6
	12H	-7.6	-7.2	-7.3	-6.9	-6.6	-7.0	-6.5	-6.6	-6.2	-5.9
4H	2H	-17.0	-16.5	-16.7	-16.2	-16.0	-16.5	-16.0	-16.2	-15.7	-15.5
	3H	-11.9	-11.5	-11.6	-11.2	-10.9	-13.2	-12.7	-12.8	-12.4	-12.1
	4H	-9.2	-8.8	-8.8	-8.5	-8.2	-12.2	-11.8	-11.8	-11.4	-11.1
	6H	-6.8	-6.4	-6.4	-6.1	-5.7	-7.6	-7.3	-7.2	-6.9	-6.6
	8H	-6.6	-6.4	-6.2	-6.0	-5.6	-6.4	-6.1	-6.0	-5.7	-5.3
	12H	-5.5	-5.3	-5.1	-4.9	-4.4	-5.0	-4.8	-4.6	-4.4	-4.0
8H	4H	-9.1	-8.8	-8.7	-8.5	-8.1	-11.3	-11.1	-10.9	-10.7	-10.3
	6H	-5.4	-5.2	-5.0	-4.8	-4.3	-6.6	-6.4	-6.2	-6.0	-5.6
	8H	-5.1	-4.9	-4.6	-4.5	-4.0	-5.5	-5.4	-5.1	-4.9	-4.5
	12H	-4.1	-4.0	-3.6	-3.5	-3.0	-4.3	-4.2	-3.8	-3.7	-3.2
12H	4H	-8.8	-8.6	-8.4	-8.2	-7.7	-10.4	-10.2	-10.0	-9.8	-9.3
	6H	-5.2	-5.1	-4.8	-4.6	-4.2	-6.3	-6.1	-5.8	-5.7	-5.2
	8H	-4.9	-4.8	-4.4	-4.3	-3.8	-5.3	-5.1	-4.8	-4.7	-4.2
Variation of the observer position for the luminaire distances S											
S = 1.0H		+2.4 / -1.3					+3.7 / -1.4				
S = 1.5H		+4.3 / -1.5					+6.0 / -1.8				
S = 2.0H		+6.3 / -4.1					+8.0 / -2.2				
Standard table		BK07					---				
Correction Summand		-24.4					---				
Corrected Glare Indices referring to 2100lm Total Luminous Flux											