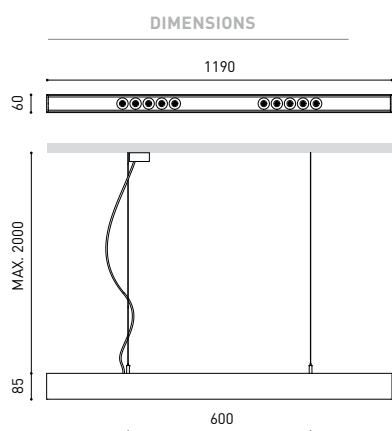


BLACK FOSTER SUSPENSION

ARKOSLIGHT®



AWARDS



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Name	BLACK FOSTER SUSP 1200 38° DIM 1/10V 4000K WT
Reference	A3211042WT
Color	Textured white
RAL	9016
Category	SUSPENSION

PRODUCT

Light source	LED
Gross luminous flux	2500 Lm
Power	21 W
Power values of the system	23,33 W
Colour temperature	4000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
Lighting efficiency	90%
Efficacy	119 Lm/W
Current intensity	700 mA
Dimming	1-10V
Control through bluetooth	Please Consult
Driver	Included
Electrical insulation class	☐
Voltage	220 V/240 V
Frequency	50/60 Hz
Energy efficiency	A+
LED lifespan	L80B10 (Tc=85°C) >60.000h

LIGHTING INFORMATION

Ingress Protection	IP20
Cord length	2 m
Fast adjustment tensioner	Yes
Weight	3400 g.
Packaged weight	4470 g.
Packaging dimensions	D145 × 1270 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

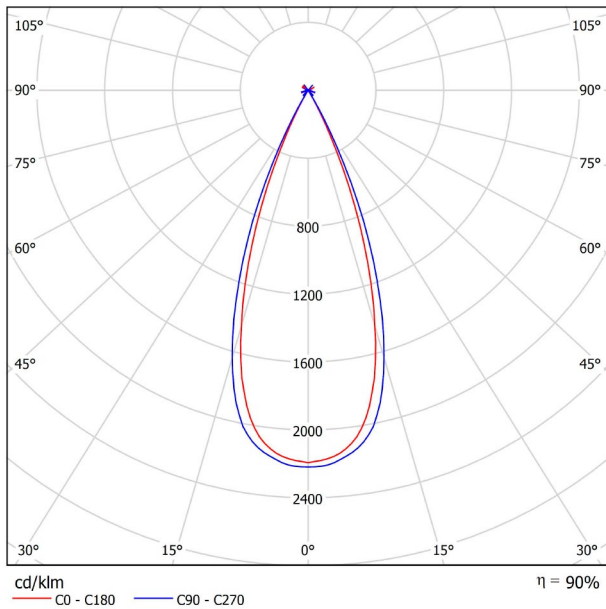


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a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

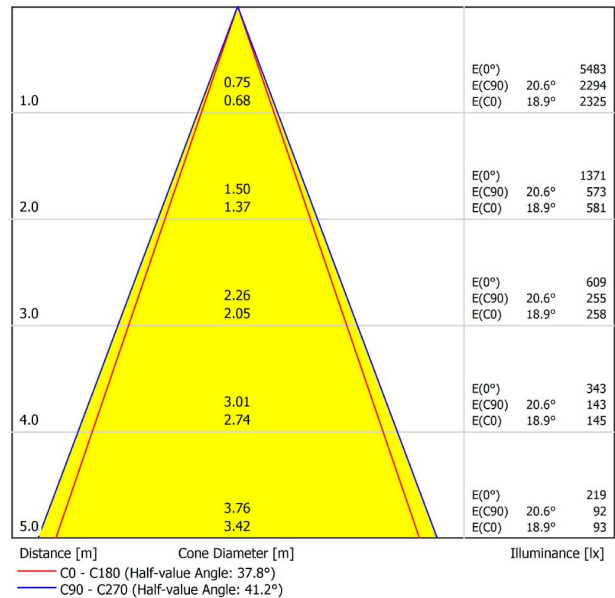
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POLAR DIAGRAM



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	-23.8	-23.2	-23.6	-23.0	-22.8	-20.8	-20.1	-20.5	-20.0	-19.8	
	3H	-12.1	-11.5	-11.8	-11.3	-11.0	-15.1	-14.5	-14.8	-14.3	-14.0	
	4H	-11.6	-11.0	-11.3	-10.8	-10.5	-13.4	-12.8	-13.1	-12.6	-12.3	
	6H	-8.5	-8.0	-8.2	-7.7	-7.5	-10.1	-9.6	-9.8	-9.3	-9.0	
	8H	-8.5	-8.0	-8.1	-7.7	-7.4	-8.1	-7.6	-7.8	-7.3	-7.1	
4H	12H	-7.1	-6.6	-6.8	-6.3	-6.0	-6.4	-6.0	-6.1	-5.7	-5.3	
	2H	-16.5	-15.9	-16.2	-15.7	-15.4	-16.0	-15.4	-15.7	-15.2	-14.9	
	3H	-11.4	-10.9	-11.0	-10.6	-10.3	-12.7	-12.2	-12.3	-11.9	-11.6	
	4H	-8.7	-8.3	-8.3	-8.0	-7.6	-11.6	-11.2	-11.3	-10.9	-10.6	
	6H	-6.2	-5.9	-5.8	-5.5	-5.2	-7.1	-6.8	-6.7	-6.4	-6.0	
8H	8H	-6.1	-5.8	-5.7	-5.5	-5.1	-5.8	-5.6	-5.4	-5.2	-4.8	
	12H	-5.0	-4.7	-4.6	-4.3	-3.9	-4.5	-4.2	-4.1	-3.8	-3.4	
	4H	-8.6	-8.3	-8.2	-7.9	-7.5	-10.8	-10.5	-10.4	-10.2	-9.8	
	6H	-4.9	-4.7	-4.4	-4.3	-3.8	-6.1	-5.9	-5.6	-5.5	-5.0	
	8H	-4.6	-4.4	-4.1	-4.0	-3.5	-5.0	-4.8	-4.5	-4.4	-3.9	
12H	12H	-3.6	-3.4	-3.1	-3.0	-2.5	-3.8	-3.6	-3.3	-3.2	-2.7	
	4H	-8.3	-8.0	-7.8	-7.6	-7.2	-9.9	-9.6	-9.4	-9.2	-8.8	
	6H	-4.7	-4.6	-4.3	-4.1	-3.6	-5.8	-5.6	-5.3	-5.2	-4.7	
	8H	-4.4	-4.3	-3.9	-3.8	-3.3	-4.7	-4.6	-4.3	-4.1	-3.6	
	Variation of the observer position for the luminaire distances S											
S = 1.0H	+2.4 / -1.3					+3.7 / -1.4						
S = 1.5H	+4.4 / -1.5					+6.0 / -1.8						
S = 2.0H	+6.3 / -4.1					+8.0 / -2.2						
Standard table	BK07					---						
Correction Summand	-24.6					---						
Corrected Glare Indices referring to 2500lm Total Luminous Flux												