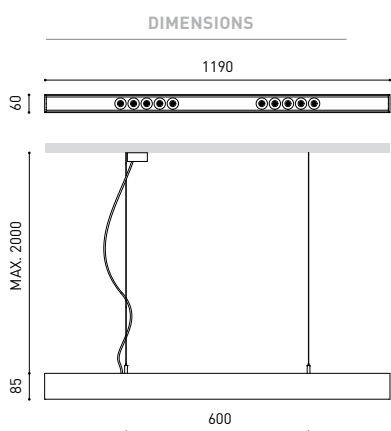


BLACK FOSTER SUSPENSION

ARKOSLIGHT®



AWARDS



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Name	BLACK FOSTER SUSP 1200 38° DIM PUSH 3000K NT
Reference	A3211031NT
Color	Textured black
RAL	9005
Category	SUSPENSION

PRODUCT

Light source	LED
Gross luminous flux	2100 Lm
Power	21 W
Power values of the system	23,08 W
Colour temperature	3000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
Lighting efficiency	90%
Efficacy	100 Lm/W
Current intensity	700 mA
Dimming	Push
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

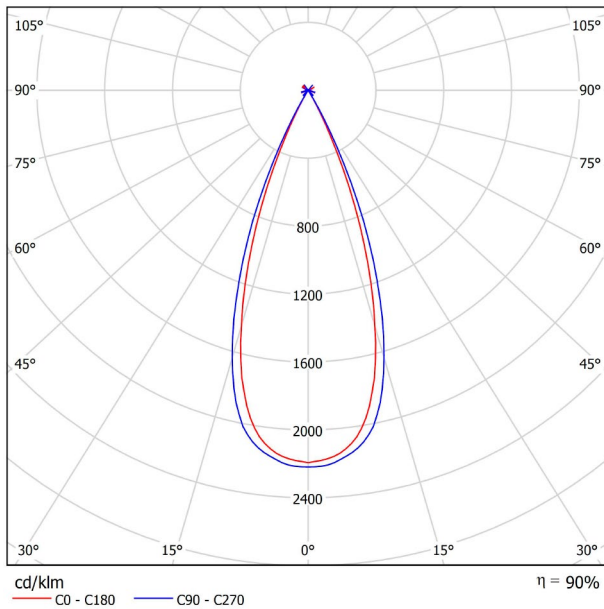


Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emissions with dark segments. Nevertheless, whether it is On or Off, Black Foster always preserves the aesthetic of a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

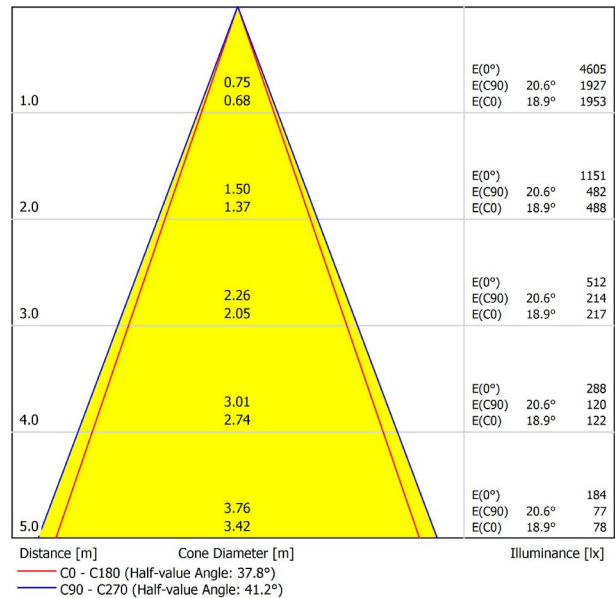
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POLAR DIAGRAM



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	-24.4	-23.8	-24.2	-23.6	-23.4	-21.4	-20.8	-21.1	-20.6	-20.4
	3H	-12.7	-12.1	-12.4	-11.9	-11.6	-15.7	-15.1	-15.4	-14.9	-14.6
	4H	-12.2	-11.6	-11.9	-11.4	-11.1	-14.0	-13.4	-13.7	-13.2	-12.9
	6H	-9.1	-8.6	-8.8	-8.3	-8.1	-10.7	-10.2	-10.4	-9.9	-9.6
	8H	-9.1	-8.6	-8.7	-8.3	-8.0	-8.7	-8.2	-8.4	-8.0	-7.7
4H	12H	-7.7	-7.2	-7.4	-6.9	-6.6	-7.0	-6.6	-6.7	-6.3	-5.9
	2H	-17.1	-16.6	-16.8	-16.3	-16.0	-16.6	-16.0	-16.3	-15.8	-15.5
	3H	-12.0	-11.5	-11.7	-11.2	-10.9	-13.3	-12.8	-12.9	-12.5	-12.2
	4H	-9.3	-8.9	-8.9	-8.6	-8.2	-12.2	-11.8	-11.9	-11.5	-11.2
	6H	-6.8	-6.5	-6.4	-6.2	-5.8	-7.7	-7.4	-7.3	-7.0	-6.6
8H	8H	-6.7	-6.4	-6.3	-6.1	-5.7	-6.4	-6.2	-6.0	-5.8	-5.4
	12H	-5.6	-5.3	-5.2	-4.9	-4.5	-5.1	-4.9	-4.7	-4.5	-4.0
	4H	-9.2	-8.9	-8.8	-8.5	-8.1	-11.4	-11.1	-11.0	-10.8	-10.4
	6H	-5.5	-5.3	-5.0	-4.9	-4.4	-6.7	-6.5	-6.3	-6.1	-5.6
	8H	-5.2	-5.0	-4.7	-4.6	-4.1	-5.6	-5.4	-5.1	-5.0	-4.5
12H	12H	-4.2	-4.1	-3.7	-3.6	-3.1	-4.4	-4.2	-3.9	-3.8	-3.3
	4H	-8.9	-8.6	-8.4	-8.2	-7.8	-10.5	-10.2	-10.0	-9.8	-9.4
	6H	-5.3	-5.2	-4.9	-4.7	-4.3	-6.4	-6.2	-5.9	-5.8	-5.3
	8H	-5.0	-4.9	-4.5	-4.4	-3.9	-5.3	-5.2	-4.9	-4.7	-4.3
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 2100lm Total Luminous Flux											