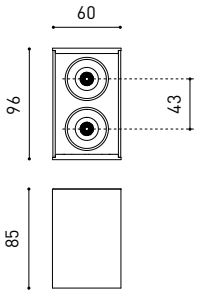
BLACK FOSTER

ARKOSLIGHT®

DIMENSIONS



	PRODUCT
Name	BLACK FOSTER SURF 2 2700K WT
Reference	A3202010WT
Color	Textured white
Power of the system	9016
Category	SURFACE

	LIGHTING INFORMATION
Light source	LED
Gross luminous flux	380 Lm
Power	4,2 W
Power values of the system	6,27 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	Mac Adam Step 3
Light beam angle	38°
Unified Glare Rating	UGR<19
Lighting efficiency	90%
Efficacy	90 Lm/W
Current intensity	700 mA
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

	OTHER DATA
Ingress Protection	IP20
Weight	390 g.
Packaged weight	440 g.
Packaging dimensions	175 × 93 × 70 mm.
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

CE

AWARDS

iF DESIGN AWARD 2019

Black Foster Surface is the product that transfers the claimed effect " The Invisible Black" to a linear system in surface application. Black Foster has a very descrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

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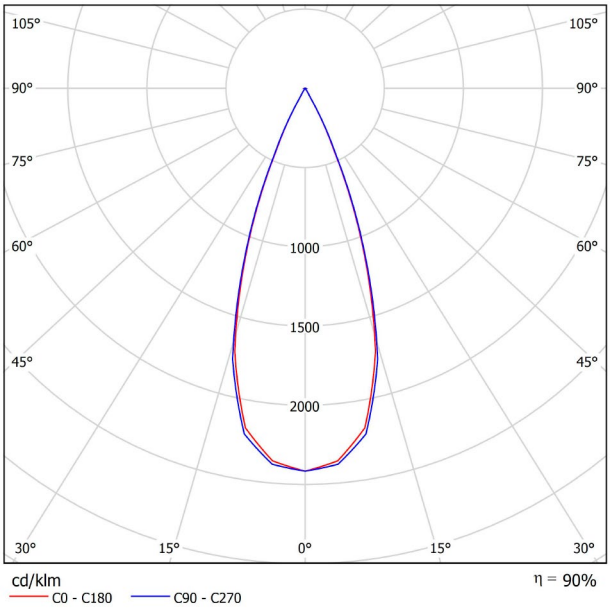
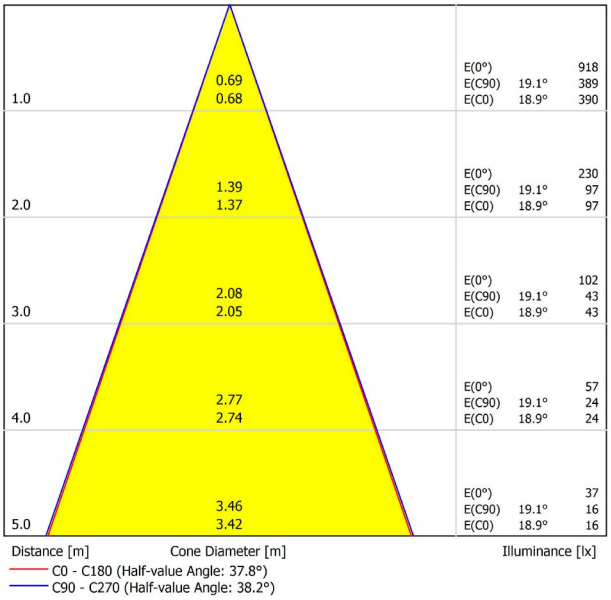
5 Year GUARANTEE*

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	-10.8	-10.2	-10.6	-10.0	-9.8	-10.5	-9.8	-10.2	-9.6	-9.4
	3H	-5.8	-5.2	-5.5	-5.0	-4.8	-5.5	-5.0	-5.3	-4.7	-4.5
	4H	-2.9	-2.4	-2.6	-2.1	-1.9	-2.5	-1.9	-2.2	-1.7	-1.4
	6H	0.6	1.1	0.9	1.4	1.6	0.8	1.3	1.1	1.6	1.9
	8H	2.4	2.9	2.8	3.2	3.5	2.6	3.1	2.9	3.4	3.7
	12H	4.4	4.9	4.8	5.2	5.5	4.6	5.0	4.9	5.3	5.6
4H	2H	-9.2	-8.7	-8.9	-8.4	-8.2	-9.0	-8.4	-8.7	-8.2	-7.9
	3H	-4.0	-3.6	-3.7	-3.3	-2.9	-3.8	-3.4	-3.5	-3.1	-2.8
	4H	-1.0	-0.6	-0.6	-0.3	0.1	-0.7	-0.3	-0.3	0.1	0.4
	6H	2.5	2.8	2.9	3.2	3.6	2.7	3.0	3.1	3.4	3.8
	8H	4.4	4.7	4.8	5.1	5.5	4.5	4.8	4.9	5.2	5.6
	12H	6.5	6.7	6.9	7.1	7.5	6.6	6.8	7.0	7.2	7.6
8H	4H	0.3	0.6	0.8	1.0	1.4	0.6	0.9	1.0	1.3	1.7
	6H	4.0	4.2	4.4	4.6	5.1	4.1	4.3	4.6	4.7	5.2
	8H	6.0	6.2	6.5	6.6	7.1	6.1	6.2	6.5	6.7	7.2
	12H	8.2	8.3	8.7	8.8	9.3	8.3	8.4	8.8	8.9	9.4
12H	4H	0.8	1.1	1.3	1.5	1.9	1.0	1.3	1.5	1.7	2.1
	6H	4.5	4.7	5.0	5.1	5.6	4.6	4.8	5.1	5.2	5.7
	8H	6.6	6.8	7.1	7.2	7.7	6.7	6.8	7.2	7.3	7.8

Variation of the observer position for the luminaire distances S

S = 1.0H	+0.5 / -0.3	+0.6 / -0.3
S = 1.5H	+1.1 / -0.5	+1.3 / -0.5
S = 2.0H	+1.9 / -0.8	+2.3 / -0.8
Standard table	---	---
Correction Summand	---	---

Corrected Glare Indices referring to 380lm Total Luminous Flux