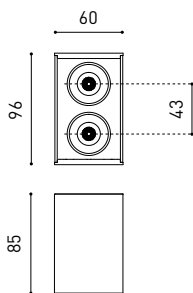




DIMENSIONS



AWARDS



Name	BLACK FOSTER SURF 2 3000K NT
Reference	A3202011NT
Color	Textured black
RAL	9005
Category	SURFACE

PRODUCT

BLACK FOSTER SURF 2 3000K NT

A3202011NT

Textured black

9005

SURFACE

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	420 Lm
Power	4,2 W
Power values of the system	5,60 W
Colour temperature	3000 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	100 Lm/W
Current intensity	700 mA
Control through bluetooth	Please Consult
Driver	Included
Electrical insulation class	<input type="checkbox"/>
Voltage	220 V/240 V
Frequency	50/60 Hz
Energy efficiency	A+
LED lifespan	L80B10 (Tc=85°C) >60.000h

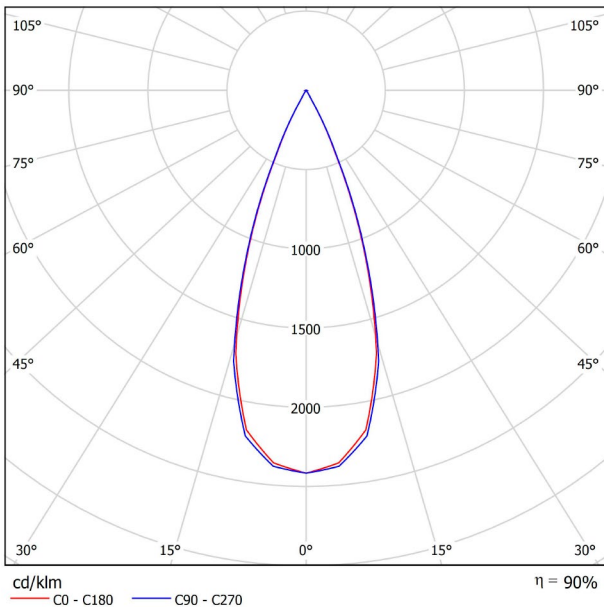
OTHER DATA

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

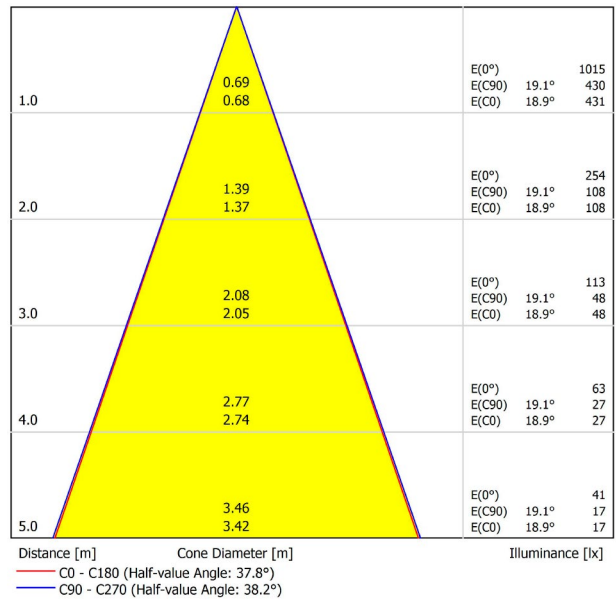


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

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		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
X	Y										
2H	2H	-10.5	-9.9	-10.3	-9.7	-9.5	-10.1	-9.5	-9.9	-9.3	-9.1
	3H	-5.5	-4.9	-5.2	-4.7	-4.4	-5.2	-4.6	-4.9	-4.4	-4.2
	4H	-2.6	-2.0	-2.3	-1.8	-1.5	-2.1	-1.6	-1.8	-1.3	-1.1
	6H	0.9	1.4	1.2	1.7	2.0	1.2	1.7	1.5	2.0	2.2
	8H	2.8	3.3	3.1	3.6	3.8	2.9	3.4	3.3	3.7	4.0
4H	12H	4.8	5.2	5.1	5.5	5.9	4.9	5.4	5.2	5.7	6.0
	2H	-8.9	-8.3	-8.6	-8.1	-7.8	-8.6	-8.1	-8.3	-7.8	-7.6
	3H	-3.7	-3.2	-3.3	-2.9	-2.6	-3.5	-3.0	-3.1	-2.7	-2.4
	4H	-0.7	-0.3	-0.3	0.1	0.4	-0.3	0.1	0.1	0.4	0.8
	6H	2.9	3.2	3.3	3.5	3.9	3.0	3.4	3.4	3.7	4.1
8H	8H	4.8	5.0	5.2	5.4	5.8	4.9	5.2	5.3	5.5	5.9
	12H	6.8	7.1	7.3	7.5	7.9	6.9	7.2	7.4	7.6	8.0
	4H	0.7	1.0	1.1	1.4	1.8	0.9	1.2	1.3	1.6	2.0
	6H	4.3	4.5	4.8	5.0	5.4	4.5	4.7	4.9	5.1	5.5
	8H	6.3	6.5	6.8	7.0	7.4	6.4	6.6	6.9	7.0	7.5
12H	12H	8.6	8.7	9.0	9.2	9.7	8.6	8.8	9.1	9.2	9.7
	4H	1.2	1.4	1.6	1.8	2.2	1.4	1.6	1.8	2.0	2.4
	6H	4.9	5.0	5.3	5.5	6.0	5.0	5.1	5.4	5.6	6.1
	8H	7.0	7.1	7.5	7.6	8.1	7.0	7.2	7.5	7.6	8.1
	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 420lm Total Luminous Flux											