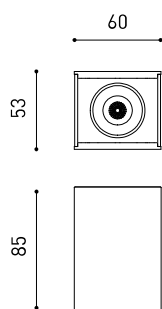




DIMENSIONS



AWARDS



Name	BLACK FOSTER SURF 1 FLOOD 3000K NT
Reference	A3201011NT
Color	Textured black
RAL	9005
Category	SURFACE

LIGHT SOURCE

Type	LED
Gross luminous flux	210 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI>90
Power	2,1 W
Current	700 mA
Efficacy	100 lm/W
LED lifespan	L80B10 (Tc=85°C) >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	92%
Light beam angle	38°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included
Power values of the system	3,00 W
Voltage	220V/240V
Frecuency	50/60 Hz
Dimming	No Dim
Electrical insulation class	□

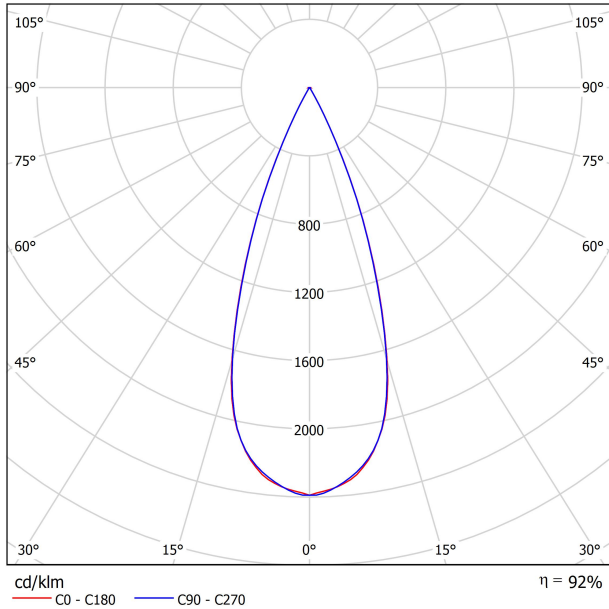
OTHER DATA

Sealing	IP20
Weight	260 g
Packaged weight	310 g
Packaging dimensions	254 x 93 x 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

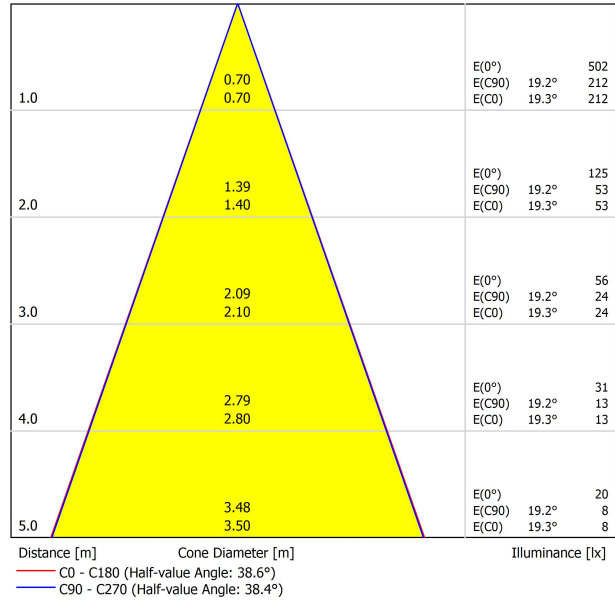


Black Foster Surface is the product that transfers the claimed effect " The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
Room Size		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
X	Y	70	70	50	50	30	70	70	50	50	30
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
2H	2H	-4.5	-3.9	-4.3	-3.7	-3.5	-4.4	-3.7	-4.1	-3.5	-3.3
	3H	-0.7	-0.2	-0.5	0.1	0.3	-0.9	-0.3	-0.6	-0.1	0.1
	4H	1.1	1.6	1.4	1.9	2.1	1.2	1.7	1.5	2.0	2.2
	6H	3.2	3.7	3.5	4.0	4.3	3.5	4.0	3.8	4.3	4.6
	8H	4.5	5.0	4.9	5.3	5.6	4.7	5.2	5.0	5.4	5.7
	12H	5.9	6.3	6.2	6.6	6.9	6.0	6.5	6.4	6.8	7.1
4H	2H	-3.4	-2.8	-3.1	-2.6	-2.3	-3.3	-2.7	-3.0	-2.5	-2.2
	3H	0.5	0.9	0.8	1.2	1.5	0.5	1.0	0.9	1.3	1.6
	4H	2.5	2.9	2.9	3.2	3.6	2.7	3.1	3.1	3.4	3.8
	6H	4.8	5.2	5.2	5.5	5.9	5.2	5.5	5.6	5.9	6.2
	8H	6.3	6.6	6.7	6.9	7.3	6.4	6.7	6.8	7.1	7.5
	12H	7.7	8.0	8.2	8.4	8.8	7.9	8.1	8.3	8.5	9.0
8H	4H	3.5	3.8	3.9	4.2	4.6	3.6	3.9	4.1	4.3	4.7
	6H	6.1	6.3	6.5	6.7	7.1	6.3	6.5	6.7	6.9	7.4
	8H	7.6	7.8	8.1	8.2	8.7	7.7	7.9	8.2	8.3	8.8
	12H	9.3	9.4	9.7	9.9	10.4	9.4	9.5	9.9	10.0	10.5
12H	4H	3.8	4.0	4.2	4.4	4.8	3.9	4.1	4.3	4.5	5.0
	6H	6.4	6.6	6.9	7.0	7.5	6.6	6.8	7.1	7.2	7.7
	8H	8.1	8.2	8.5	8.7	9.2	8.2	8.3	8.6	8.8	9.3
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.4 / -0.2					+0.4 / -0.2				
S = 1.5H		+0.9 / -0.5					+0.9 / -0.4				
S = 2.0H		+1.6 / -0.6					+1.6 / -0.6				
Standard table Correction Summand		---					---				
Corrected Glare Indices referring to 210lm Total Luminous Flux											