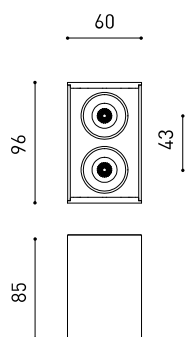




## DIMENSIONS



## AWARDS



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

Type	LED
Gross luminous flux	420 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI > 90
Power	4,2 W
Current	700 mA
Efficacy	100 lm/W
LED lifespan	L80B10 (Tc=85°C) > 60.000h

Lighting efficiency	92%
Light beam angle	38°

Driver	Included
Power values of the system	5,60 W
Voltage	220V/240V
Frecuency	50/60 Hz
Dimming	No Dim
Electrical insulation class	□

Sealing	IP20
Weight	390 g
Packaged weight	440 g
Packaging dimensions	175 x 93 x 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

## PRODUCT

## LIGHT SOURCE

## LIGHTING FIXTURE | PHOTOMETRIC DATA

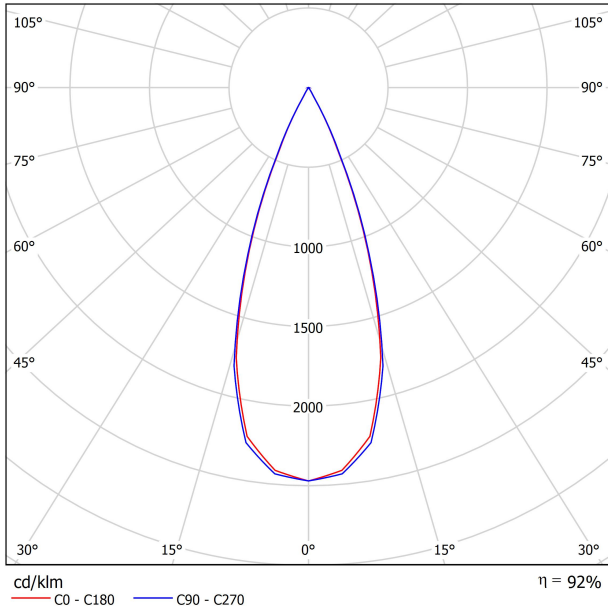
## LIGHTING FIXTURE | ELECTRICAL DATA

## OTHER DATA

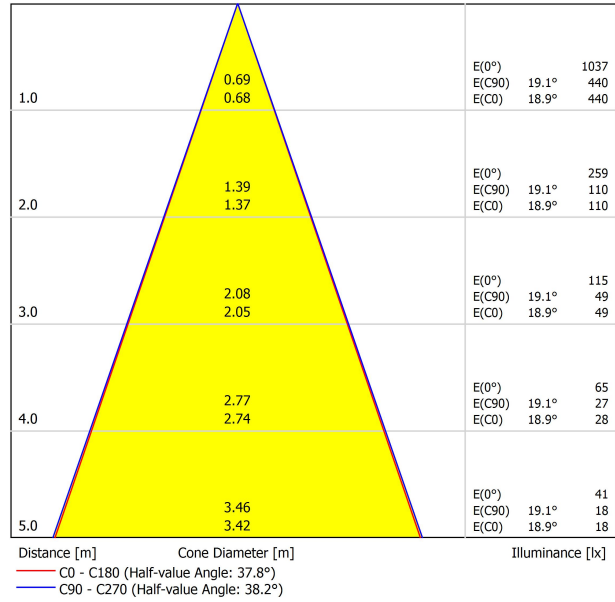


Black Foster Surface is the product that transfers the claimed effect " The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	30
ρ Walls	50	30	50	30	30	50	30	50	30	30	30
ρ Floor	20	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	-10.4	-9.8	-10.2	-9.6	-9.4	-10.0	-9.4	-9.8	-9.2	-9.0
	3H	-5.4	-4.8	-5.1	-4.6	-4.3	-5.1	-4.5	-4.8	-4.3	-4.1
	4H	-2.5	-1.9	-2.2	-1.7	-1.4	-2.1	-1.5	-1.8	-1.3	-1.0
	6H	1.0	1.5	1.3	1.8	2.1	1.2	1.8	1.6	2.0	2.3
	8H	2.9	3.4	3.2	3.6	3.9	3.0	3.5	3.3	3.8	4.1
4H	12H	4.9	5.3	5.2	5.6	5.9	5.0	5.4	5.3	5.7	6.0
	2H	-8.8	-8.2	-8.5	-8.0	-7.7	-8.6	-8.0	-8.3	-7.8	-7.5
	3H	-3.6	-3.1	-3.2	-2.8	-2.5	-3.4	-2.9	-3.1	-2.6	-2.3
	4H	-0.6	-0.2	-0.2	0.1	0.5	-0.2	0.2	0.1	0.5	0.8
	6H	2.9	3.3	3.3	3.6	4.0	3.1	3.4	3.5	3.8	4.2
8H	8H	4.8	5.1	5.3	5.5	5.9	5.0	5.2	5.4	5.6	6.0
	12H	6.9	7.1	7.3	7.5	8.0	7.0	7.2	7.4	7.6	8.1
	4H	0.8	1.1	1.2	1.4	1.8	1.0	1.3	1.4	1.7	2.1
	6H	4.4	4.6	4.9	5.1	5.5	4.5	4.7	5.0	5.2	5.6
	8H	6.4	6.6	6.9	7.0	7.5	6.5	6.7	7.0	7.1	7.6
12H	12H	8.6	8.8	9.1	9.2	9.7	8.7	8.8	9.2	9.3	9.8
	4H	1.2	1.5	1.7	1.9	2.3	1.4	1.7	1.9	2.1	2.5
	6H	4.9	5.1	5.4	5.6	6.0	5.0	5.2	5.5	5.7	6.1
8H	7.0	7.2	7.5	7.7	8.1	7.1	7.2	7.6	7.7	8.2	
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											