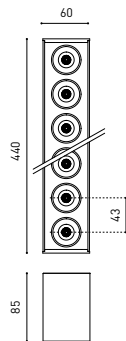




## DIMENSIONS



## AWARDS



<b>Name</b>	BLACK FOSTER SURF 10 DIM 1/10V 3000K WT
<b>Reference</b>	A3205041WT
<b>Color</b>	Textured white
<b>RAL</b>	9016
<b>Category</b>	SURFACE
<b>PRODUCT</b>	
<b>Light source</b>	LED
<b>Gross luminous flux</b>	2100 Lm
<b>Power</b>	21 W
<b>Power values of the system</b>	23,33 W
<b>Colour temperature</b>	3000 K
<b>Colour Rendering Index</b>	CRI>90
<b>Chromatic stability</b>	Mac Adam Step 3
<b>Light beam angle</b>	38°
<b>Unified Glare Rating</b>	UGR<19
<b>Lighting efficiency</b>	90%
<b>Efficacy</b>	100 Lm/W
<b>Current intensity</b>	700 mA
<b>Dimming</b>	1-10V
<b>Control through bluetooth</b>	Please Consult
<b>Driver</b>	Included
<b>Electrical insulation class</b>	<input type="checkbox"/>
<b>Voltage</b>	220 V/240 V
<b>Frequency</b>	50/60 Hz
<b>Energy efficiency</b>	A+
<b>LED lifespan</b>	L80B10 (Tc=85°C) >60.000h
<b>OTHER DATA</b>	
<b>Ingress Protection</b>	IP20
<b>Weight</b>	1390 g.
<b>Packaged weight</b>	2000 g.
<b>Packaging dimensions</b>	D128 × 480 mm.
<b>Units per package</b>	1
<b>Materials</b>	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

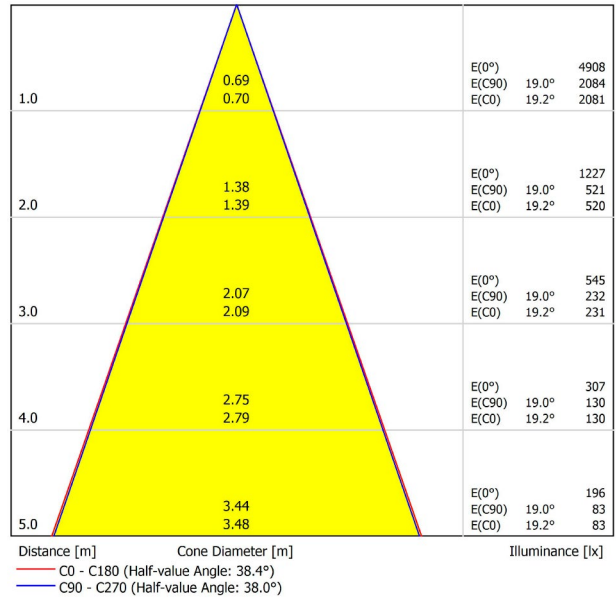


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

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 X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	-13.6	-12.9	-13.3	-12.7	-12.5	-14.4	-13.7	-14.1	-13.6	-13.4
	3H	-7.3	-6.7	-7.0	-6.4	-6.2	-7.1	-6.5	-6.8	-6.3	-6.1
	4H	-3.7	-3.2	-3.4	-2.9	-2.7	-3.2	-2.6	-2.9	-2.4	-2.1
	6H	-0.1	0.4	0.2	0.7	1.0	0.3	0.8	0.6	1.1	1.4
	8H	1.8	2.2	2.1	2.5	2.8	2.1	2.6	2.4	2.9	3.2
4H	12H	3.7	4.2	4.1	4.5	4.8	4.1	4.6	4.5	4.9	5.2
	2H	-11.0	-10.4	-10.7	-10.2	-9.9	-11.3	-10.8	-11.0	-10.5	-10.3
	3H	-5.0	-4.6	-4.7	-4.3	-3.9	-4.8	-4.4	-4.5	-4.1	-3.8
	4H	-1.6	-1.2	-1.2	-0.9	-0.5	-1.1	-0.7	-0.8	-0.4	-0.1
	6H	2.0	2.3	2.4	2.7	3.0	2.3	2.6	2.7	3.0	3.3
8H	8H	3.8	4.1	4.3	4.5	4.9	4.1	4.4	4.5	4.8	5.2
	12H	5.9	6.1	6.3	6.5	6.9	6.2	6.4	6.6	6.8	7.3
	4H	-0.0	0.2	0.4	0.6	1.0	0.2	0.5	0.7	0.9	1.3
	6H	3.6	3.8	4.0	4.2	4.7	3.8	4.0	4.2	4.4	4.9
	8H	5.6	5.7	6.0	6.2	6.6	5.8	5.9	6.2	6.4	6.9
12H	12H	7.7	7.9	8.2	8.3	8.8	8.0	8.1	8.5	8.6	9.1
	4H	0.5	0.7	0.9	1.1	1.5	0.7	1.0	1.1	1.4	1.8
	6H	4.2	4.4	4.7	4.8	5.3	4.4	4.5	4.8	5.0	5.4
8H	6.3	6.4	6.7	6.9	7.4	6.4	6.6	6.9	7.0	7.5	
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.9 / -0.3					+1.3 / -0.4					
S = 1.5H	+1.9 / -0.6					+2.7 / -0.7					
S = 2.0H	+3.1 / -0.8					+4.2 / -1.0					
Standard table	---					---					
Correction	---					---					
Summand	---					---					
Corrected Glare Indices referring to 2100lm Total Luminous Flux											