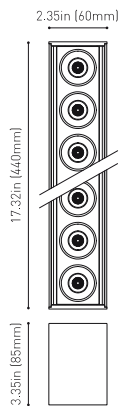




## DIMENSIONS



## AWARDS



<b>Name</b>	BLACK FOSTER SURF 10 UL FLOOD 4000K NT
<b>Reference</b>	U3205012NT
<b>Color</b>	Textured black
<b>Category</b>	SURFACE
<b>Type</b>	LED
<b>Gross luminous flux</b>	2500 Lm
<b>Color temperature</b>	4000 K
<b>Chromatic stability</b>	MacAdam Step 3
<b>Color Rendering Index</b>	CRI>90
<b>Power</b>	21 W
<b>Current</b>	700 mA
<b>Efficacy</b>	119 Lm/W
<b>LED lifespan</b>	L80B10 >60.000h
<b>Lighting efficiency</b>	92%
<b>Delivered luminous flux</b>	2300 Lm
<b>Light beam angle</b>	38°
<b>Driver</b>	Included: ERP-PSB series or similar
<b>Power values of the system</b>	24,00 W
<b>Frequency</b>	50/60 Hz
<b>Dimming</b>	0-10V / TRIAC/ELV dimming only at 120V
<b>Environmental location</b>	DAMP
<b>Junction box cover</b>	Included. For octagonal Junction box
<b>Junction box cover color</b>	Textured white. Other finishing, please consult
<b>Junction box cover measurements</b>	Ø4.33 in   Ø110 mm
<b>Weight</b>	3.36 lb   1524 gr
<b>Packaged weight</b>	4.70 lb   2134 gr
<b>Packaging dimensions</b>	Ø5.04x20.28 in   Ø128x515 mm
<b>Materials</b>	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

## PRODUCT

## LIGHT SOURCE

## LIGHTING FIXTURE | PHOTOMETRIC DATA

## LIGHTING FIXTURE | ELECTRICAL DATA

## OTHER DATA

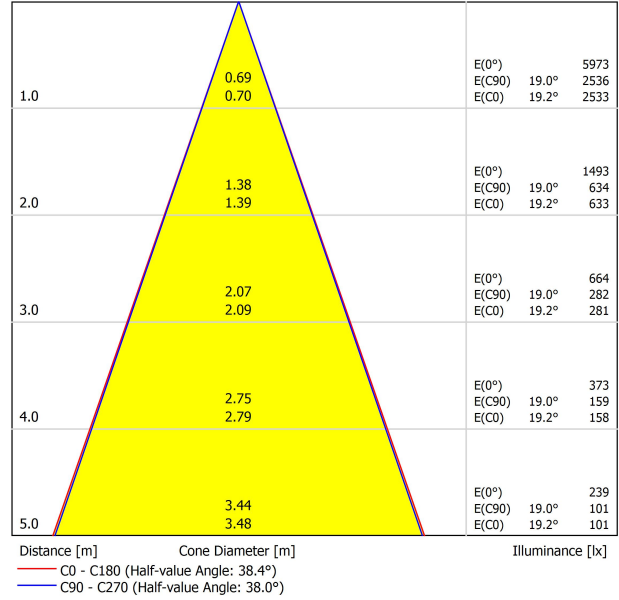


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

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	-12.9	-12.2	-12.6	-12.0	-11.8	-13.7	-13.1	-13.5	-12.9	-12.7
	3H	-6.6	-6.0	-6.3	-5.7	-5.5	-6.4	-5.9	-6.2	-5.6	-5.4
	4H	-3.0	-2.5	-2.7	-2.2	-2.0	-2.5	-2.0	-2.2	-1.7	-1.4
	6H	0.6	1.1	0.9	1.4	1.7	1.0	1.5	1.3	1.7	2.0
	8H	2.4	2.9	2.8	3.2	3.5	2.8	3.2	3.1	3.5	3.8
4H	2H	-10.3	-9.8	-10.0	-9.5	-9.2	-10.7	-10.1	-10.4	-9.9	-9.6
	3H	-4.3	-3.9	-4.0	-3.6	-3.3	-4.1	-3.7	-3.8	-3.4	-3.1
	4H	-0.9	-0.5	-0.5	-0.2	0.2	-0.5	-0.1	-0.1	0.3	0.6
	6H	2.7	3.0	3.1	3.3	3.7	3.0	3.3	3.4	3.6	4.0
	8H	4.5	4.8	4.9	5.2	5.6	4.8	5.1	5.2	5.5	5.9
8H	2H	6.6	6.8	7.0	7.2	7.6	6.9	7.1	7.3	7.5	7.9
	4H	0.6	0.9	1.0	1.3	1.7	0.9	1.2	1.3	1.6	2.0
	6H	4.3	4.5	4.7	4.9	5.4	4.5	4.7	4.9	5.1	5.6
	8H	6.2	6.4	6.7	6.9	7.3	6.4	6.6	6.9	7.1	7.5
	12H	8.4	8.6	8.9	9.0	9.5	8.7	8.8	9.2	9.3	9.8
12H	4H	1.2	1.4	1.6	1.8	2.2	1.4	1.6	1.8	2.0	2.5
	6H	4.9	5.0	5.3	5.5	6.0	5.0	5.2	5.5	5.7	6.1
	8H	6.9	7.1	7.4	7.5	8.0	7.1	7.3	7.6	7.7	8.2
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 2500lm Total Luminous Flux											