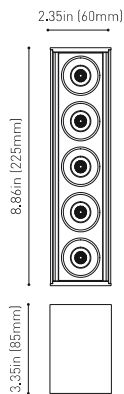




## DIMENSIONS



## AWARDS



<b>Name</b>	BLACK FOSTER SURF 5 UL FLOOD 4000K WT
<b>Reference</b>	U3204012WT
<b>Color</b>	Textured white
<b>Category</b>	SURFACE
<b>Type</b>	LED
<b>Gross luminous flux</b>	1250 Lm
<b>Color temperature</b>	4000 K
<b>Chromatic stability</b>	MacAdam Step 3
<b>Color Rendering Index</b>	CRI>90
<b>Power</b>	10.5 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>	1150 Lm
<b>Light beam angle</b>	38°
<b>Driver</b>	Included: APS L9WCD series
<b>Power values of the system</b>	13,00 W
<b>Frequency</b>	50/60 Hz
<b>Dimming</b>	0-10V / TRIAC
<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>	2.37 lb   1077 gr
<b>Packaged weight</b>	2.63 lb   1192 gr
<b>Packaging dimensions</b>	11.61x6.10x2.87 in   295x155x73 mm
<b>Materials</b>	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

## PRODUCT

## LIGHT SOURCE

## LIGHTING FIXTURE | PHOTOMETRIC DATA

## LIGHTING FIXTURE | ELECTRICAL DATA

## OTHER DATA

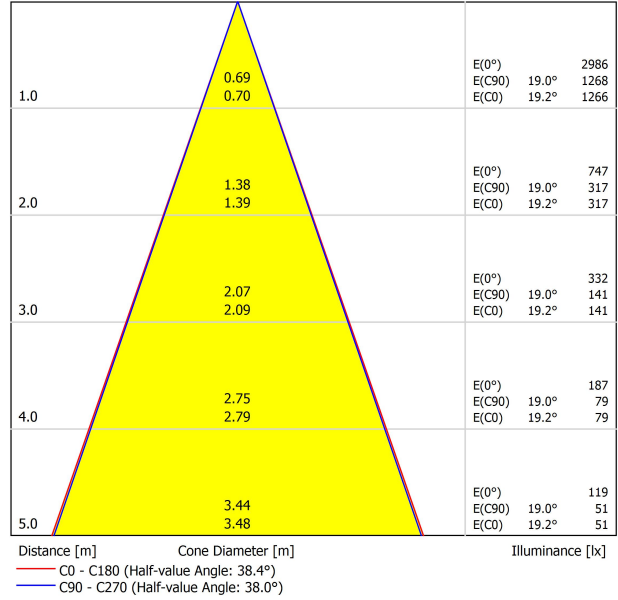


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
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	-12.8	-12.2	-12.5	-12.0	-11.8	-13.7	-13.0	-13.4	-12.8	-12.7
	3H	-6.5	-5.9	-6.2	-5.7	-5.4	-6.4	-5.8	-6.1	-5.6	-5.3
	4H	-3.0	-2.4	-2.7	-2.2	-1.9	-2.4	-1.9	-2.1	-1.6	-1.4
	6H	0.7	1.2	1.0	1.4	1.7	1.0	1.5	1.4	1.8	2.1
	8H	2.5	3.0	2.8	3.3	3.6	2.8	3.3	3.2	3.6	3.9
4H	12H	4.5	5.0	4.9	5.3	5.6	4.9	5.3	5.2	5.6	5.9
	2H	-10.2	-9.7	-9.9	-9.4	-9.2	-10.6	-10.0	-10.3	-9.8	-9.5
	3H	-4.2	-3.8	-3.9	-3.5	-3.2	-4.1	-3.6	-3.7	-3.3	-3.0
	4H	-0.8	-0.4	-0.5	-0.1	0.2	-0.4	0.0	-0.0	0.3	0.7
	6H	2.7	3.1	3.1	3.4	3.8	3.0	3.4	3.4	3.7	4.1
8H	8H	4.6	4.9	5.0	5.3	5.7	4.9	5.2	5.3	5.5	5.9
	12H	6.6	6.9	7.1	7.3	7.7	7.0	7.2	7.4	7.6	8.0
	4H	0.7	1.0	1.1	1.4	1.8	1.0	1.3	1.4	1.7	2.1
	6H	4.4	4.6	4.8	5.0	5.4	4.6	4.8	5.0	5.2	5.6
	8H	6.3	6.5	6.8	6.9	7.4	6.5	6.7	7.0	7.1	7.6
12H	12H	8.5	8.6	9.0	9.1	9.6	8.7	8.9	9.2	9.4	9.8
	4H	1.2	1.5	1.7	1.9	2.3	1.5	1.7	1.9	2.1	2.5
	6H	4.9	5.1	5.4	5.6	6.0	5.1	5.3	5.6	5.7	6.2
	8H	7.0	7.2	7.5	7.6	8.1	7.2	7.3	7.7	7.8	8.3
	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 1250lm Total Luminous Flux											