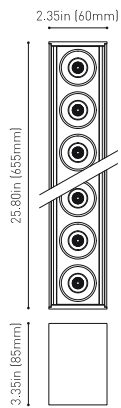




## DIMENSIONS



## AWARDS



<b>Name</b>	BLACK FOSTER SURF 15 UL SPOT 4000K WTMG
<b>Reference</b>	U3206112WTMG
<b>Color</b>	Textured white-Metallized gold
<b>Category</b>	SURFACE

## PRODUCT

<b>Type</b>	LED
<b>Gross luminous flux</b>	3750 Lm
<b>Color temperature</b>	4000 K
<b>Chromatic stability</b>	MacAdam Step 3
<b>Color Rendering Index</b>	CRI>90
<b>Power</b>	31.5 W
<b>Current</b>	700 mA
<b>LED lifespan</b>	L80B10 >60.000h

## LIGHT SOURCE

<b>Lighting efficiency</b>	90%
<b>Delivered luminous flux</b>	3375 Lm
<b>Light beam angle</b>	19°

## LIGHTING FIXTURE | PHOTOMETRIC DATA

<b>Driver</b>	Included: ERP-PSB series or similar
<b>Power values of the system</b>	37,00 W
<b>Frequency</b>	50/60 Hz
<b>Dimming</b>	0-10V / TRIAC/ELV dimming only at 120V

## LIGHTING FIXTURE | ELECTRICAL DATA

<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>	4.52 lb   2050 gr
<b>Packaged weight</b>	6.48 lb   2940 gr
<b>Packaging dimensions</b>	Ø5.04x28.74 in   Ø128x730 mm
<b>Materials</b>	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

## OTHER DATA

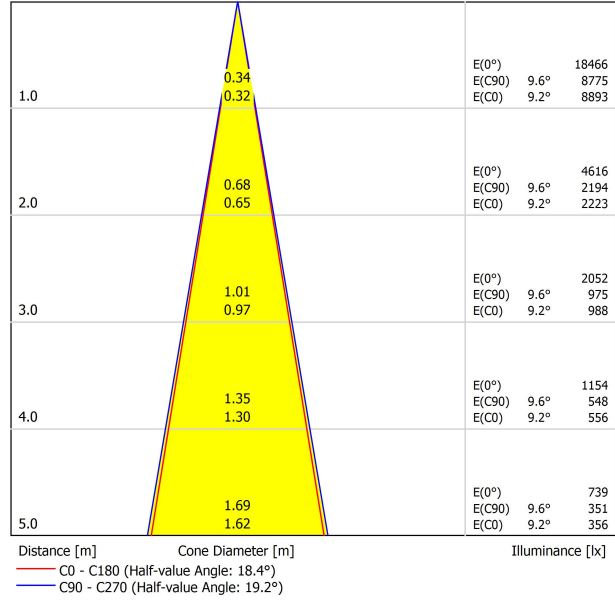


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

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	2.8	3.4	3.0	3.6	3.8	3.6	4.3	3.8	4.5	4.6
	3H	6.2	6.9	6.5	7.1	7.3	7.5	8.1	7.8	8.3	8.6
	4H	8.2	8.8	8.5	9.0	9.3	9.3	9.9	9.6	10.2	10.4
	6H	10.4	11.0	10.8	11.3	11.5	11.6	12.2	11.9	12.4	12.7
	8H	11.6	12.1	11.9	12.4	12.7	12.9	13.4	13.2	13.7	13.9
	12H	13.0	13.5	13.3	13.8	14.1	14.3	14.8	14.6	15.1	15.4
4H	2H	4.1	4.7	4.4	4.9	5.2	4.7	5.3	5.0	5.5	5.8
	3H	7.8	8.3	8.2	8.6	8.9	8.7	9.2	9.1	9.5	9.8
	4H	9.9	10.3	10.3	10.7	11.0	10.7	11.2	11.1	11.5	11.8
	6H	12.2	12.6	12.6	12.9	13.3	13.2	13.5	13.6	13.9	14.3
	8H	13.4	13.7	13.8	14.1	14.5	14.5	14.8	14.9	15.2	15.6
	12H	14.9	15.2	15.3	15.6	16.0	16.0	16.3	16.5	16.7	17.1
8H	4H	10.9	11.2	11.3	11.6	12.0	11.5	11.8	11.9	12.2	12.6
	6H	13.3	13.6	13.8	14.0	14.4	14.1	14.4	14.6	14.8	15.2
	8H	14.8	15.0	15.2	15.4	15.9	15.7	15.9	16.1	16.3	16.8
	12H	16.4	16.6	16.9	17.0	17.5	17.4	17.6	17.9	18.0	18.5
12H	4H	11.2	11.4	11.6	11.8	12.3	11.7	12.0	12.1	12.4	12.8
	6H	13.7	13.9	14.2	14.4	14.8	14.4	14.6	14.9	15.0	15.5
	8H	15.3	15.4	15.7	15.9	16.4	16.0	16.2	16.5	16.7	17.2
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H	+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H	+0.5 / -0.5					+0.5 / -0.5					
Standard table Correction Summand	---					---					
Corrected Glare Indices referring to 3750lm Total Luminous Flux											