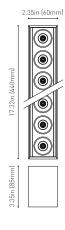
## BLACK FOSTER SURFACE



Name Reference	BLACK FOSTER SURF 10 UL SPOT 2700K WT
Reference Color	U3205110WT
	Textured white
Category	SURFACE
	LIGHT SOURCE
Туре	LED
Gross luminous flux	1900 Lm
Color temperature	2700 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	21 W
Current	700 mA
LED lifespan	L80B10 >60.000h
	LIGHTING FIXTURE   PHOTOMETRIC DATA
Lighting efficiency	90%
Delivered luminous flux	1710 Lm
Light beam angle	19°
	LIGHTING FIXTURE   ELECTRICAL DATA
Driver	LIGHTING FIXTURE   ELECTRICAL DATA
Driver Power values of the system	
	Included: ERP-PSB series or similar
Power values of the system	Included: ERP-PSB series or similar 24,00 W
Power values of the system Frequency	Included: ERP-PSB series or similar 24,00 W 50/60 Hz
Power values of the system Frequency	Included: ERP-PSB series or similar 24,00 W 50/60 Hz 0-10V / TRIAC/ELV dimming only at 120V
Power values of the system Frequency Dimming	Included: ERP-PSB series or similar 24,00 W 50/60 Hz 0-10V / TRIAC/ELV dimming only at 120V OTHER DATA
Power values of the system Frequency Dimming Environmental location	Included: ERP-PSB series or similar 24,00 W 50/60 Hz 0-10V / TRIAC/ELV dimming only at 120V OTHER DATA DAMP
Power values of the system Frequency Dimming Environmental location Junction box cover	Included: ERP-PSB series or similar 24,00 W 50/60 Hz 0-10V / TRIAC/ELV dimming only at 120V OTHER DATA DAMP Included. For octogonal Junction box
Power values of the system Frequency Dimming Environmental location Junction box cover Junction box cover color	Included: ERP-PSB series or similar 24,00 W 50/60 Hz 0-10V / TRIAC/ELV dimming only at 120V OTHER DATA DAMP Included. For octogonal Junction box Textured white. Other finishing, please consult
Power values of the system Frequency Dimming Environmental location Junction box cover Junction box cover color Junction box cover measurements	Included: ERP-PSB series or similar 24,00 W 50/60 Hz 0-10V / TRIAC/ELV dimming only at 120V OTHER DATA DAMP Included. For octogonal Junction box Textured white. Other finishing, please consult Ø4.33 in   Ø110 mm
Power values of the system Frequency Dimming Environmental location Junction box cover Junction box cover color Junction box cover measurements Weight	Included: ERP-PSB series or similar 24,00 W 50/60 Hz 0-10V / TRIAC/ELV dimming only at 120V OTHER DATA DAMP Included. For octogonal Junction box Textured white. Other finishing, please consult Ø4.33 in   Ø110 mm 3.36 lb   1524 gr
Power values of the system Frequency Dimming Environmental location Junction box cover Junction box cover color Junction box cover measurements Weight Packaged weight	Included: ERP-PSB series or similar 24,00 W 50/60 Hz 0-10V / TRIAC/ELV dimming only at 120V OTHER DATA DAMP Included. For octogonal Junction box Textured white. Other finishing, please consult Ø4.33 in   Ø110 mm 3.36 lb   1524 gr 4.70 lb   2134 gr
Power values of the system Frequency Dimming Environmental location Junction box cover Junction box cover color Junction box cover measurements Weight Packaging dimensions	Included: ERP-PSB series or similar 24,00 W 50/60 Hz 0-10V / TRIAC/ELV dimming only at 120V OTHER DATA DAMP Included. For octogonal Junction box Textured white. Other finishing, please consult Ø4.33 in   Ø110 mm 3.36 lb   1524 gr 4.70 lb   2134 gr Ø5.04x20.28 in   Ø128x515 mm
Power values of the system Frequency Dimming Environmental location Junction box cover Junction box cover color Junction box cover measurements Weight Packaged weight	Included: ERP-PSB series or similar 24,00 W 50/60 Hz 0-10V / TRIAC/ELV dimming only at 120V OTHER DATA DAMP Included. For octogonal Junction box Textured white. Other finishing, please consult Ø4.33 in   Ø110 mm 3.36 lb   1524 gr 4.70 lb   2134 gr
Power values of the system Frequency Dimming Environmental location Junction box cover Junction box cover color Junction box cover measurements Weight Packaging dimensions	Included: ERP-PSB series or similar 24,00 W 50/60 Hz 0-10V / TRIAC/ELV dimming only at 120V OTHER DATA DAMP Included. For octogonal Junction box Textured white. Other finishing, please consult Ø4.33 in   Ø110 mm 3.36 lb   1524 gr 4.70 lb   2134 gr Ø5.04x20.28 in   Ø128x515 mm
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DIMENSIONS



AWARDS

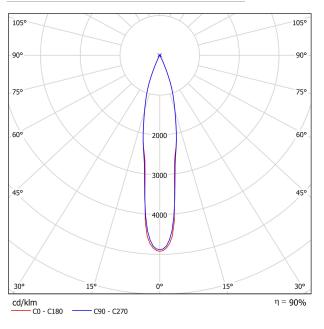


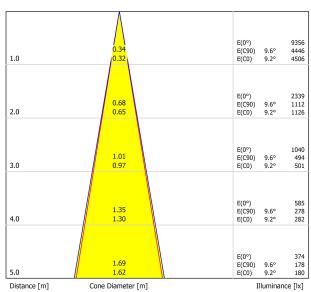
Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.





## POLAR DIAGRAM





C0 - C180 (Half-value Angle: 18.4°) C90 - C270 (Half-value Angle: 19.2°)

CONICAL DIAGRAM

UGR

Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room Size		Viewing direction at right angles				Viewing direction parallel					
X Y		to lamp axis				to lamp axis					
2Н	2H	1.8	2.5	2.1	2.7	2.9	2.7	3.3	2.9	3.5	3.7
	3H	5.3	5.9	5.6	6.2	6.4	6.6	7.2	6.8	7.4	7.6
	4H	7.3	7.9	7.6	8.1	8.4	8.4	9.0	8.7	9.2	9.5
	6H	9.5	10.1	9.8	10.3	10.6	10.7	11.2	11.0	11.5	11.8
	8H	10.7	11.2	11.0	11.5	11.8	11.9	12.4	12.3	12.7	13.0
	12H	12.0	12.5	12.4	12.8	13.1	13.3	13.8	13.7	14.1	14.4
4H	2H	3.2	3.8	3.5	4.0	4.3	3.7	4.3	4.0	4.6	4.8
	3H	6.9	7.4	7.3	7.7	8.0	7.8	8.3	8.1	8.6	8.9
	4H	9.0	9.4	9.4	9.7	10.1	9.8	10.2	10.2	10.6	10.9
	6H	11.3	11.6	11.7	12.0	12.4	12.2	12.6	12.6	12.9	13.3
	8H	12.5	12.8	12.9	13.2	13.6	13.6	13.9	14.0	14.3	14.1
	12H	14.0	14.2	14.4	14.6	15.1	15.1	15.4	15.5	15.8	16.2
8H	4H	10.0	10.3	10.4	10.7	11.1	10.6	10.9	11.0	11.3	11.3
	6H	12.4	12.7	12.9	13.1	13.5	13.2	13.4	13.6	13.8	14.3
	8H	13.8	14.0	14.3	14.5	14.9	14.7	14.9	15.2	15.4	15.8
	12H	15.5	15.6	16.0	16.1	16.6	16.5	16.6	17.0	17.1	17.6
12H	4H	10.2	10.5	10.7	10.9	11.3	10.8	11.0	11.2	11.4	11.9
	6H	12.8	13.0	13.3	13.4	13.9	13.5	13.7	13.9	14.1	14.6
	8H	14.3	14.5	14.8	15.0	15.4	15.1	15.3	15.6	15.7	16.2
/ariation of t	he observe	r position	for the lun	ninaire dist	ances S						
S = 1.	5H	+0.2 / -0.1				+0.2 / -0.1					
S = 1.		+0.3 / -0.3				+0.3 / -0.3					
S = 2.		+0.5 / -0.5				+0.5 / -0.5					
Standard Correc Summ	tion										

5Year