BLACK FOSTER SURFACE



		PRODUCT			
	Name	BLACK FOSTER SURF 10 UL SPOT 2700K NTMG			
	Reference	U3205110NTMG			
🍅 🍅 🍈 🍈 🍅	Color	Textured black-Metallized gold			
	Category	SURFACE			
		LIGHT SOURCE			
	Туре	LED			
	Gross luminous flux				
	Color temperature	2700 K			
	Chromatic stability	MacAdam Step 3			
DIMENSIONS	Color Rendering Index	CRI>90			
	Power	21 W			
2.35in (60mm)	Current	700 mA			
	LED lifespan	L80B10 >60.000h			
		LIGHTING FIXTURE PHOTOMETRIC DATA			
	Lighting efficiency	90%			
	Delivered luminous flux				
	Light beam angle	19°			
		LIGHTING FIXTURE ELECTRICAL DATA			
3.35in (88 mm)	Driver	Included: ERP-PSB series or similar			
1939 1910	Power values of the system	24,00 W			
	Frequency	50/60 Hz			
	Dimming	0-10V / TRIAC/ELV dimming only at 120V			
		OTHER DATA			
	Environmental location	DAMP			
	Junction box cover	Included. For octogonal Junction box			
	Junction box cover color	Textured white. Other finishing, please consult			
	Junction box cover measurements	Ø4.33 in Ø110 mm			
	Weight	3.36 lb 1524 gr			
	Packaged weight	4.70 lb 2134 gr			
	Packaging dimensions				
	Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate			
		Intertek			





AWARDS

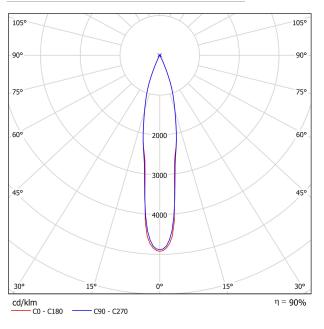


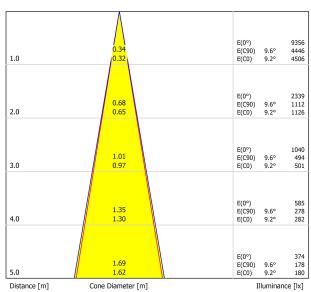
Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.





POLAR DIAGRAM





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

CONICAL DIAGRAM

UGR

o Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
Floor		20	20	20	20	20	20	20	20	20	20
Room S X	Size Y	Viewing direction at right angles to lamp axis				Viewing direction parallel to lamp axis					
2Н	2H 3H 4H 6H 8H 12H	1.8 5.3 7.3 9.5 10.7 12.0	2.5 5.9 7.9 10.1 11.2 12.5	2.1 5.6 7.6 9.8 11.0 12.4	2.7 6.2 8.1 10.3 11.5 12.8	2.9 6.4 8.4 10.6 11.8 13.1	2.7 6.6 8.4 10.7 11.9 13.3	3.3 7.2 9.0 11.2 12.4 13.8	2.9 6.8 8.7 11.0 12.3 13.7	3.5 7.4 9.2 11.5 12.7 14.1	3.7 7.6 9.5 11.8 13.0 14.4
4H	2H 3H 4H 6H 8H 12H	3.2 6.9 9.0 11.3 12.5 14.0	3.8 7.4 9.4 11.6 12.8 14.2	3.5 7.3 9.4 11.7 12.9 14.4	4.0 7.7 9.7 12.0 13.2 14.6	4.3 8.0 10.1 12.4 13.6 15.1	3.7 7.8 9.8 12.2 13.6 15.1	4.3 8.3 10.2 12.6 13.9 15.4	4.0 8.1 10.2 12.6 14.0 15.5	4.6 8.6 10.6 12.9 14.3 15.8	4.8 8.9 10.9 13.3 14.7 16.2
8H	4H 6H 8H 12H	10.0 12.4 13.8 15.5	10.3 12.7 14.0 15.6	10.4 12.9 14.3 16.0	10.7 13.1 14.5 16.1	11.1 13.5 14.9 16.6	10.6 13.2 14.7 16.5	10.9 13.4 14.9 16.6	11.0 13.6 15.2 17.0	11.3 13.8 15.4 17.1	11.7 14.3 15.8 17.6
12H	4H 6H 8H	10.2 12.8 14.3	10.5 13.0 14.5	10.7 13.3 14.8	10.9 13.4 15.0	11.3 13.9 15.4	10.8 13.5 15.1	11.0 13.7 15.3	11.2 13.9 15.6	11.4 14.1 15.7	11.9 14.6 16.2
ariation of t	he observe	r position	for the lun	ninaire dist	ances S		-				
				+0.2 / -0.1 +0.3 / -0.3 +0.5 / -0.5							
Standard Correct Summa	tion and	 referring to 1900lm Total Luminous Flux									

5Year