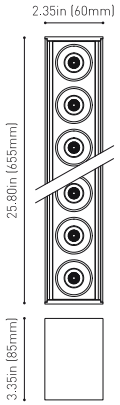
BLACK FOSTER SURFACE

JOKERLIGHT®

DIMENSIONS



PRODUCT

Name	BLACK FOSTER SURF 15 UL SPOT 2700K NT
Reference	U3206110NT
Color	Textured black
Category	SURFACE

LIGHT SOURCE

Type	LED
Gross luminous flux	2850 Lm
Color temperature	2700 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	31.5 W
Current	700 mA
LED lifespan	L80B10 >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	90%
Light beam angle	19°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included: ERP-PSB series or similar
Power values of the system	37,00 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	4.52 lb | 2050 gr
Packaged weight	6.48 lb | 2940 gr
Packaging dimensions	Ø5.04x28.74 in | Ø128x730 mm
Units per package	1
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.

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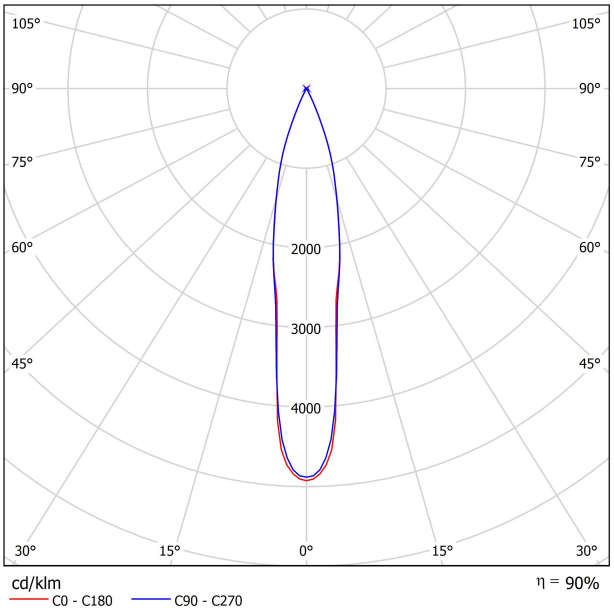
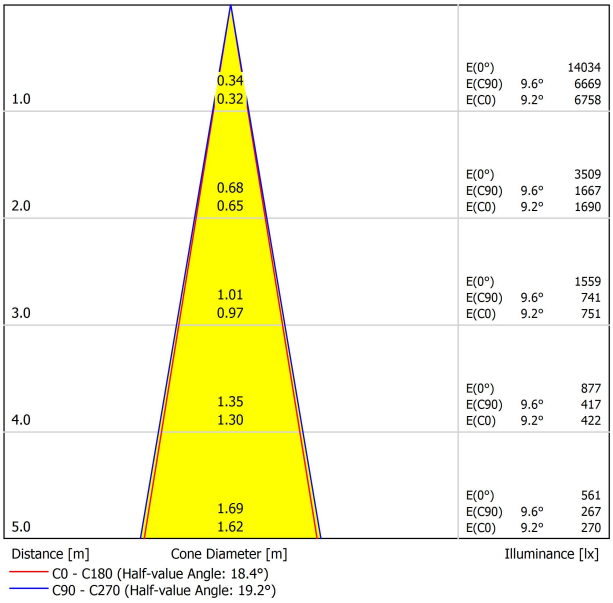
5 Year WARRANTY*

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	1.8	2.5	2.0	2.7	2.9	2.6	3.3	2.9	3.5	3.7
	3H	5.3	5.9	5.6	6.1	6.4	6.5	7.2	6.8	7.4	7.6
	4H	7.3	7.8	7.6	8.1	8.3	8.4	9.0	8.7	9.2	9.5
	6H	9.5	10.0	9.8	10.3	10.6	10.7	11.2	11.0	11.5	11.8
	8H	10.6	11.1	11.0	11.4	11.7	11.9	12.4	12.2	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	3.7	3.5	4.0	4.3	3.7	4.3	4.0	4.5	4.8
	3H	6.9	7.4	7.2	7.7	8.0	7.8	8.2	8.1	8.5	8.9
	4H	9.0	9.4	9.3	9.7	10.1	9.8	10.2	10.2	10.5	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	13.5	13.9	14.0	14.2	14.6
	12H	14.0	14.2	14.4	14.6	15.0	15.1	15.4	15.5	15.8	16.2
8H	4H	9.9	10.2	10.3	10.6	11.0	10.6	10.9	11.0	11.2	11.6
	6H	12.4	12.6	12.8	13.0	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	15.3	15.8
	12H	15.5	15.6	15.9	16.1	16.6	16.5	16.6	16.9	17.1	17.6
12H	4H	10.2	10.5	10.6	10.9	11.3	10.7	11.0	11.2	11.4	11.8
	6H	12.8	13.0	13.2	13.4	13.9	13.4	13.6	13.9	14.1	14.6
	8H	14.3	14.5	14.8	14.9	15.4	15.1	15.3	15.6	15.7	16.2

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 2850lm Total Luminous Flux