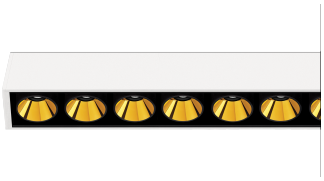
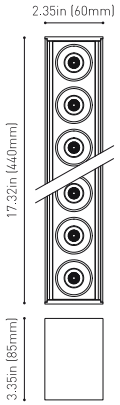
BLACK FOSTER SURFACE

JOKERLIGHT®



DIMENSIONS



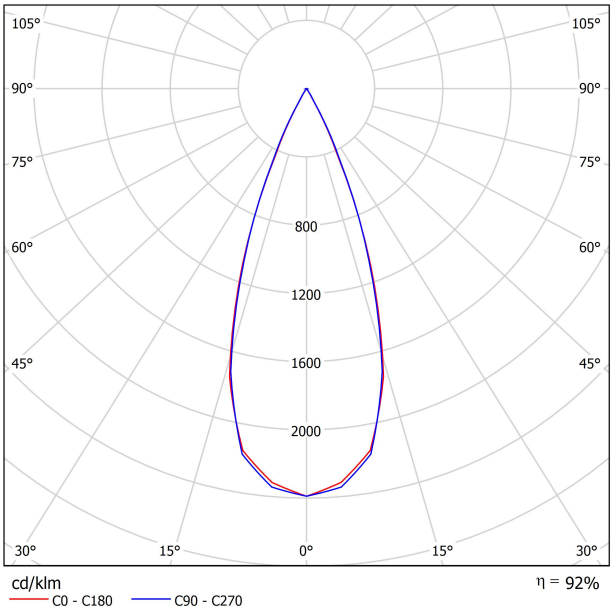
AWARDS

	PRODUCT
Name	BLACK FOSTER SURF 10 UL FLOOD 3000K WTMG
Reference	U3205011WTMG
Color	Textured white-Metallized gold
Category	SURFACE
	LIGHT SOURCE
Type	LED
Gross luminous flux	2100 Lm
Color temperature	3000 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	21 W
Current	700 mA
Efficacy	100 Lm/W
LED lifespan	L80B10 >60.000h
	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	92%
Delivered luminous flux	1932 Lm
Light beam angle	38°
	LIGHTING FIXTURE | ELECTRICAL DATA
Driver	Included: ERP-PSB series or similar
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	Ø5.04x20.28 in | Ø128x515 mm
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

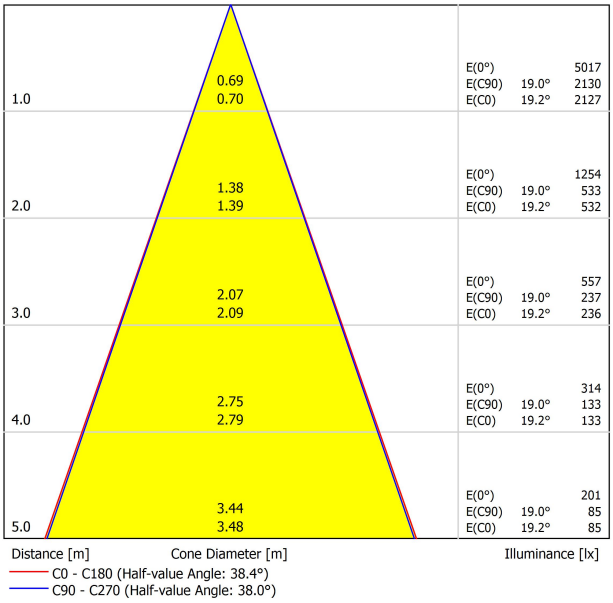
Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

JOKERLIGHT LLC
333 SE 2nd Av, Suite 2000 · Miami, FL 33131 (USA)
info@jokerlight.com · jokerlight.com

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	-13.5	-12.8	-13.2	-12.6	-12.4	-14.4	-13.7	-14.1	-13.5	-13.3
	3H	-7.2	-6.6	-6.9	-6.3	-6.1	-7.0	-6.5	-6.8	-6.2	-6.0
	4H	-3.7	-3.1	-3.4	-2.9	-2.6	-3.1	-2.6	-2.8	-2.3	-2.1
	6H	-0.0	0.5	0.3	0.8	1.0	0.4	0.9	0.7	1.1	1.4
	8H	1.8	2.3	2.2	2.6	2.9	2.2	2.6	2.5	2.9	3.2
	12H	3.8	4.3	4.2	4.6	4.9	4.2	4.6	4.5	4.9	5.3
4H	2H	-10.9	-10.4	-10.6	-10.1	-9.9	-11.3	-10.7	-11.0	-10.5	-10.2
	3H	-4.9	-4.5	-4.6	-4.2	-3.9	-4.8	-4.3	-4.4	-4.0	-3.7
	4H	-1.5	-1.1	-1.1	-0.8	-0.4	-1.1	-0.7	-0.7	-0.3	-0.0
	6H	2.1	2.4	2.4	2.7	3.1	2.3	2.7	2.7	3.0	3.4
	8H	3.9	4.2	4.3	4.6	5.0	4.2	4.5	4.6	4.9	5.3
	12H	6.0	6.2	6.4	6.6	7.0	6.3	6.5	6.7	6.9	7.3
8H	4H	0.0	0.3	0.4	0.7	1.1	0.3	0.6	0.7	1.0	1.4
	6H	3.7	3.9	4.1	4.3	4.7	3.9	4.1	4.3	4.5	4.9
	8H	5.6	5.8	6.1	6.3	6.7	5.8	6.0	6.3	6.5	6.9
	12H	7.8	7.9	8.3	8.4	8.9	8.1	8.2	8.6	8.7	9.2
12H	4H	0.5	0.8	1.0	1.2	1.6	0.8	1.0	1.2	1.4	1.8
	6H	4.3	4.4	4.7	4.9	5.4	4.4	4.6	4.9	5.0	5.5
	8H	6.3	6.5	6.8	6.9	7.4	6.5	6.6	7.0	7.1	7.6
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 2100lm Total Luminous Flux											