BLACK FOSTER SURFACE

JOKERLIGHT®

PRODUCT

Name	BLACK FOSTER SURF 5 UL FLOOD 4000K NTMG
Reference	U3204012NTMG
Color	Textured black-Metallized gold
Category	SURFACE

LIGHT SOURCE

Type	LED
Gross luminous flux	1250 Lm
Color temperature	4000 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	10.5 W
Current	700 mA
Efficacy	119 Lm/W
LED lifespan	L80B10 >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	92%
Light beam angle	38°

LIGHTING FIXTURE | ELECTRICAL DATA

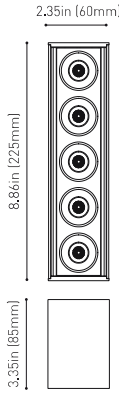
Driver	Included: APS L9WCD series
Power values of the system	13,00 W
Frequency	50/60 Hz
Dimming	0-10V / TRIAC

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	2.37 lb | 1077 gr
Packaged weight	2.63 lb | 1192 gr
Packaging dimensions	11.61x6.10x2.87 in | 295x155x73 mm
Units per package	1
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

Intertek

DIMENSIONS



AWARDS

DESIGN AWARD 2019

BESTofyear HONOREE 2019 INTERIOR DESIGN

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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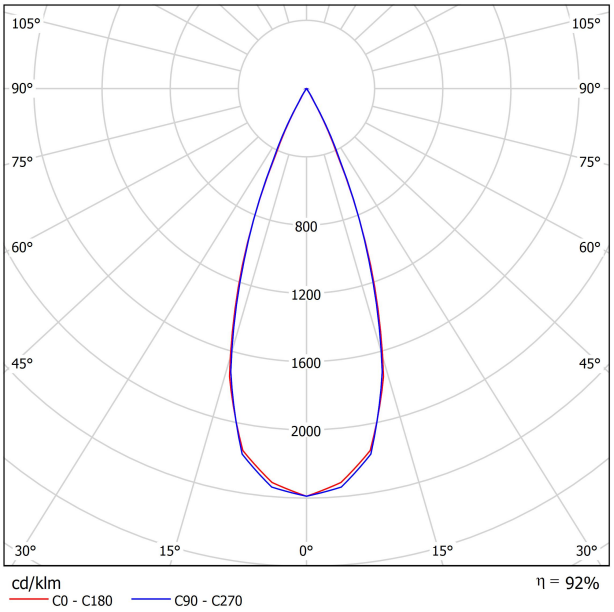
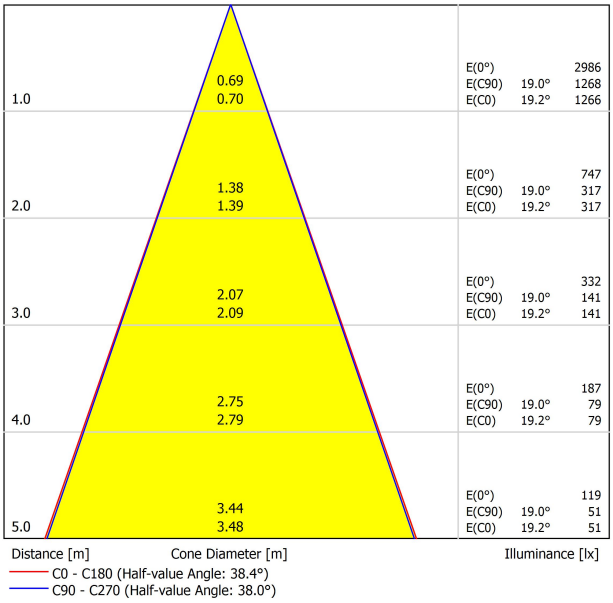
5 Year WARRANTY*

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	-12.8	-12.2	-12.5	-12.0	-11.8	-13.7	-13.0	-13.4	-12.8	-12.7
	3H	-6.5	-5.9	-6.2	-5.7	-5.4	-6.4	-5.8	-6.1	-5.6	-5.3
	4H	-3.0	-2.4	-2.7	-2.2	-1.9	-2.4	-1.9	-2.1	-1.6	-1.4
	6H	0.7	1.2	1.0	1.4	1.7	1.0	1.5	1.4	1.8	2.1
	8H	2.5	3.0	2.8	3.3	3.6	2.8	3.3	3.2	3.6	3.9
	12H	4.5	5.0	4.9	5.3	5.6	4.9	5.3	5.2	5.6	5.9
4H	2H	-10.2	-9.7	-9.9	-9.4	-9.2	-10.6	-10.0	-10.3	-9.8	-9.5
	3H	-4.2	-3.8	-3.9	-3.5	-3.2	-4.1	-3.6	-3.7	-3.3	-3.0
	4H	-0.8	-0.4	-0.5	-0.1	0.2	-0.4	0.0	-0.0	0.3	0.7
	6H	2.7	3.1	3.1	3.4	3.8	3.0	3.4	3.4	3.7	4.1
	8H	4.6	4.9	5.0	5.3	5.7	4.9	5.2	5.3	5.5	5.9
	12H	6.6	6.9	7.1	7.3	7.7	7.0	7.2	7.4	7.6	8.0
8H	4H	0.7	1.0	1.1	1.4	1.8	1.0	1.3	1.4	1.7	2.1
	6H	4.4	4.6	4.8	5.0	5.4	4.6	4.8	5.0	5.2	5.6
	8H	6.3	6.5	6.8	6.9	7.4	6.5	6.7	7.0	7.1	7.6
	12H	8.5	8.6	9.0	9.1	9.6	8.7	8.9	9.2	9.4	9.8
12H	4H	1.2	1.5	1.7	1.9	2.3	1.5	1.7	1.9	2.1	2.5
	6H	4.9	5.1	5.4	5.6	6.0	5.1	5.3	5.6	5.7	6.2
	8H	7.0	7.2	7.5	7.6	8.1	7.2	7.3	7.7	7.8	8.3
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 1250lm Total Luminous Flux											