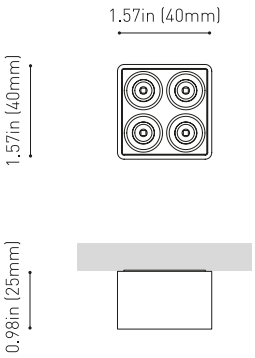
Black Foster Micro Surface

ARKOSLIGHT

DIMENSIONS



PRODUCT	
Name	BLACK FOSTER MICRO SURFACE 2X2 UL 4000K WT
Reference	U4593002WT
Color	Textured white
Category	Surface

LIGHT SOURCE	
Type	LED
Gross luminous flux	Depending on Mounting Accessories Lm
Color temperature	4000 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	Depending on Mounting Accessories W
Current	Depending on Mounting Accessories mA
LED lifespan	L90B10>60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA	
Lighting efficiency	87%
Delivered luminous flux	0 Lm
Light beam angle	37°

LIGHTING FIXTURE | ELECTRICAL DATA	
Driver	Requires remote driver
Power values of the system	W
Frequency	Depending on Mounting Accessories
Dimming	Depending on Mounting Accessories

OTHER DATA	
Environmental location	DAMP
Weight	0.13 lb | 60 gr
Packaged weight	0.22 lb | 101 gr
Packaging dimensions	4.8 x 3.34 x 1.22 in | 122 x 85 x 31 mm
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

Intertek

Black Foster has a very descrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence. The downlight retains high levels of shielding, taking lighting comfort to another level as regards miniaturisation.

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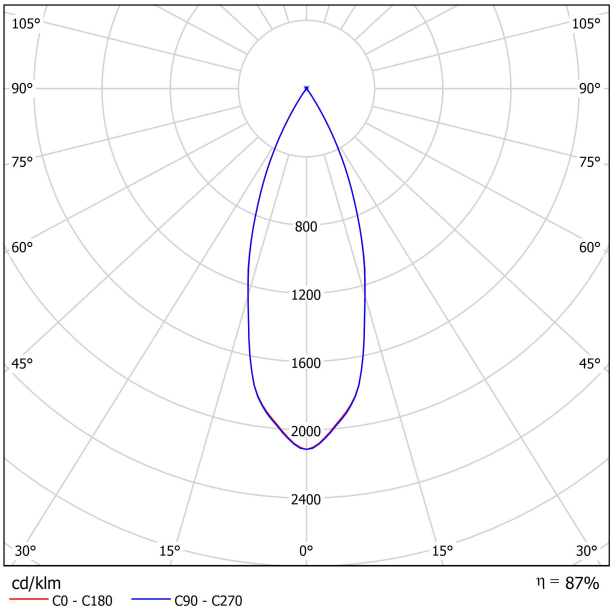
5 Year GUARANTEE*

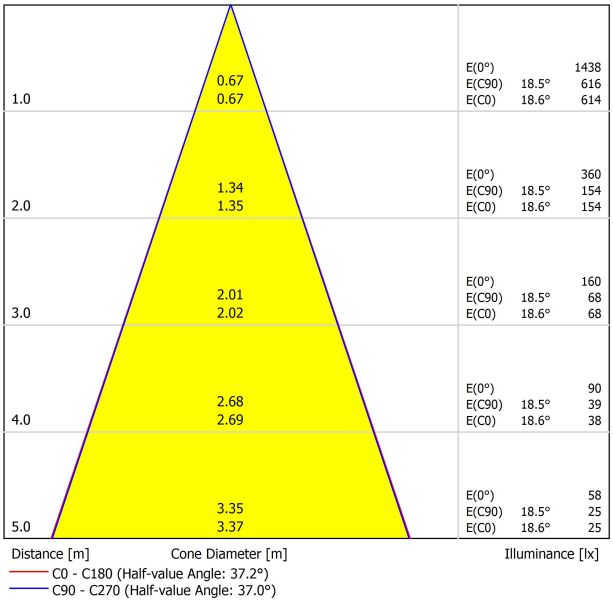
Lighting Technical Data

ARKOSLIGHT

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	-4.0	-3.4	-3.7	-3.2	-3.0	-4.7	-4.0	-4.4	-3.8	-3.6
	3H	-0.9	-0.3	-0.6	-0.1	0.2	-0.8	-0.2	-0.5	0.0	0.2
	4H	0.8	1.3	1.1	1.6	1.9	1.2	1.7	1.5	2.0	2.3
	6H	3.1	3.6	3.4	3.8	4.1	3.3	3.8	3.7	4.1	4.4
	8H	4.3	4.8	4.6	5.0	5.3	4.4	4.8	4.7	5.1	5.4
	12H	5.4	5.9	5.8	6.2	6.5	5.5	5.9	5.8	6.2	6.5
4H	2H	-3.1	-2.6	-2.8	-2.3	-2.1	-3.6	-3.1	-3.3	-2.8	-2.6
	3H	0.3	0.8	0.7	1.1	1.4	0.4	0.8	0.7	1.1	1.4
	4H	2.2	2.6	2.6	2.9	3.2	2.6	3.0	2.9	3.3	3.6
	6H	4.7	5.0	5.1	5.4	5.7	4.9	5.3	5.3	5.6	6.0
	8H	6.0	6.3	6.4	6.7	7.1	6.0	6.3	6.5	6.7	7.1
	12H	7.2	7.5	7.7	7.9	8.3	7.3	7.5	7.7	7.9	8.3
8H	4H	3.1	3.3	3.5	3.7	4.1	3.3	3.6	3.8	4.0	4.4
	6H	5.7	5.9	6.2	6.4	6.8	6.0	6.2	6.4	6.6	7.0
	8H	7.2	7.4	7.7	7.8	8.3	7.2	7.4	7.7	7.8	8.3
	12H	8.7	8.8	9.1	9.3	9.7	8.6	8.8	9.1	9.2	9.7
12H	4H	3.3	3.6	3.8	4.0	4.4	3.6	3.8	4.0	4.2	4.6
	6H	6.1	6.2	6.5	6.7	7.1	6.3	6.4	6.7	6.9	7.3
	8H	7.6	7.8	8.1	8.2	8.7	7.6	7.8	8.1	8.2	8.7

Variation of the observer position for the luminaire distances S

S = 1.0H	+6.0 / -4.4	+6.0 / -4.3
S = 1.5H	+8.8 / -4.8	+8.7 / -4.7
S = 2.0H	+10.8 / -5.4	+10.8 / -5.0
Standard table	BK01	BK01
Correction Summand	-4.5	-4.6

Corrected Glare Indices referring to 680lm Total Luminous Flux