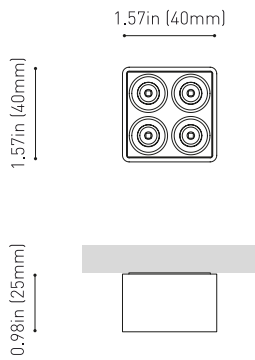




DIMENSIONS



Name	BLACK FOSTER MICRO SURFACE 2X2 UL 3000K NT
Reference	U4593001NT
Color	Textured black
Category	SURFACE

Type	LED
Gross luminous flux	Depending on Mounting Accessories Lm
Color temperature	3000 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 efficiency	87%
Light beam angle	37°

Driver	Requires remote driver
Power values of the system	W
Frequency	Depending on Mounting Accessories
Dimming	Depending on Mounting Accessories

Environmental location	DAMP
Weight	0.13 lb 60 gr
Packaged weight	0.20 lb 91.1 gr
Packaging dimensions	5.12x3.46x1.3 in 130x88x33 mm
Units per package	1
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

PRODUCT

LIGHT SOURCE

LIGHTING FIXTURE | PHOTOMETRIC DATA

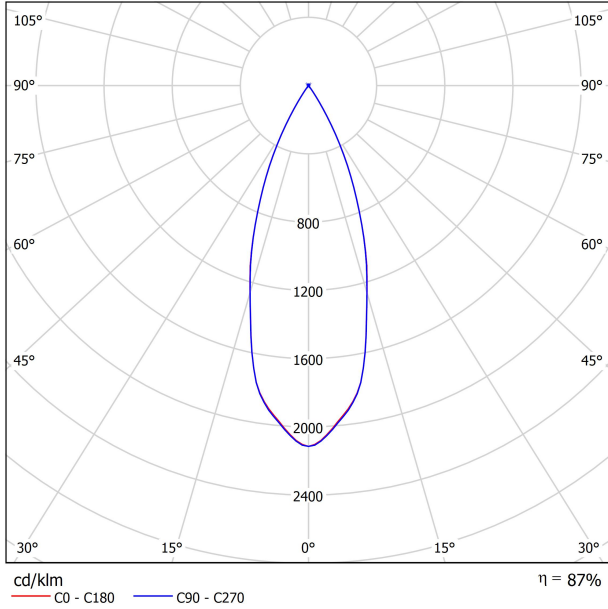
LIGHTING FIXTURE | ELECTRICAL DATA

OTHER DATA

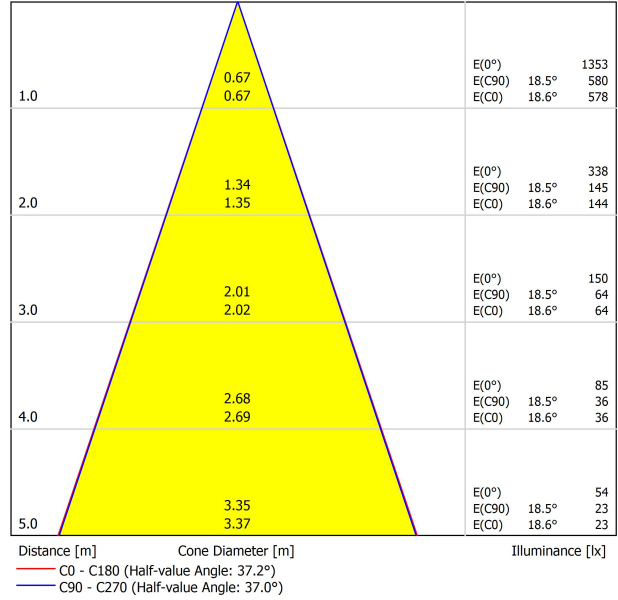


Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence. The downlight retains high levels of shielding, taking lighting comfort to another level as regards miniaturisation.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	30
ρ Walls	50	30	50	30	30	50	30	50	30	30	30
ρ Floor	20	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	-4.2	-3.6	-4.0	-3.4	-3.2	-4.9	-4.2	-4.6	-4.0	-3.9
	3H	-1.1	-0.5	-0.8	-0.3	-0.0	-1.0	-0.4	-0.7	-0.2	0.0
	4H	0.6	1.1	0.9	1.4	1.6	1.0	1.5	1.3	1.8	2.0
	6H	2.9	3.4	3.2	3.6	3.9	3.1	3.6	3.4	3.9	4.2
	8H	4.1	4.5	4.4	4.8	5.1	4.1	4.6	4.5	4.9	5.2
4H	12H	5.2	5.7	5.5	6.0	6.3	5.3	5.7	5.6	6.0	6.3
	2H	-3.3	-2.8	-3.0	-2.5	-2.3	-3.8	-3.3	-3.5	-3.0	-2.8
	3H	0.1	0.6	0.4	0.9	1.2	0.2	0.6	0.5	0.9	1.2
	4H	2.0	2.4	2.3	2.7	3.0	2.4	2.8	2.7	3.1	3.4
	6H	4.5	4.8	4.9	5.2	5.5	4.7	5.1	5.1	5.4	5.8
8H	8H	5.8	6.1	6.2	6.5	6.9	5.8	6.1	6.2	6.5	6.9
	12H	7.0	7.3	7.5	7.7	8.1	7.1	7.3	7.5	7.7	8.1
	4H	2.8	3.1	3.3	3.5	3.9	3.1	3.4	3.5	3.8	4.2
	6H	5.5	5.7	6.0	6.1	6.6	5.8	6.0	6.2	6.4	6.8
	8H	7.0	7.2	7.5	7.6	8.1	7.0	7.2	7.5	7.6	8.1
12H	12H	8.4	8.6	8.9	9.0	9.5	8.4	8.6	8.9	9.0	9.5
	4H	3.1	3.4	3.5	3.8	4.2	3.4	3.6	3.8	4.0	4.4
	6H	5.9	6.0	6.3	6.5	6.9	6.1	6.2	6.5	6.7	7.1
	8H	7.4	7.5	7.9	8.0	8.5	7.4	7.5	7.9	8.0	8.5
	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 640lm Total Luminous Flux											