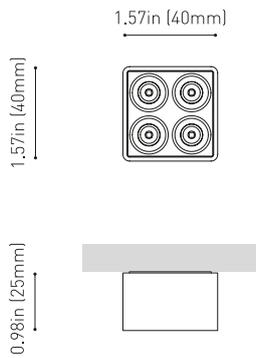




DIMENSIONS



Name	BLACK FOSTER MICRO SURFACE 2X2 UL 3500K NT
Reference	U4593003NT
Color	Textured black
Category	SURFACE
Type	LED
Gross luminous flux	Depending on Mounting Accessories Lm
Color temperature	3500 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%
Delivered luminous flux	0 Lm
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
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

PRODUCT

LIGHT SOURCE

LIGHTING FIXTURE | PHOTOMETRIC DATA

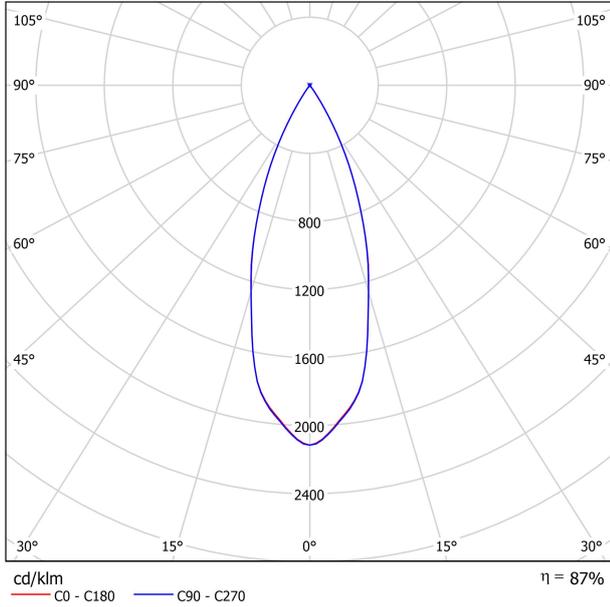
LIGHTING FIXTURE | ELECTRICAL DATA

OTHER DATA

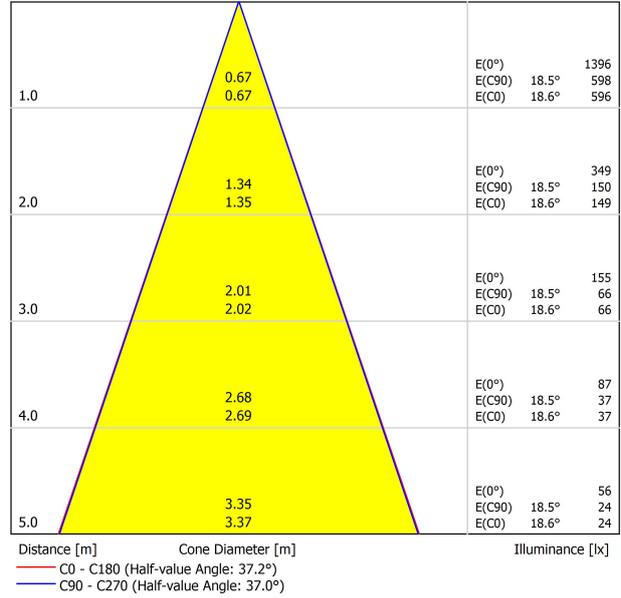


Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence. The downlight retains high levels of shielding, taking lighting comfort to another level as regards miniaturisation.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
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	12.5	13.1	12.7	13.3	13.5	12.4	13.0	12.6	13.2	13.4
	3H	12.4	12.9	12.6	13.2	13.4	12.3	12.8	12.5	13.1	13.3
	4H	12.3	12.9	12.6	13.1	13.4	12.3	12.8	12.5	13.0	13.3
	6H	12.4	12.9	12.7	13.2	13.4	12.3	12.8	12.6	13.1	13.4
	8H	12.4	12.9	12.8	13.2	13.5	12.3	12.8	12.7	13.1	13.4
4H	2H	12.5	13.0	12.9	13.3	13.6	12.4	12.9	12.8	13.2	13.5
	4H	12.3	12.8	12.6	13.1	13.3	12.2	12.7	12.5	13.0	13.2
	3H	12.2	12.6	12.5	12.9	13.3	12.1	12.5	12.4	12.8	13.2
	4H	12.2	12.6	12.6	12.9	13.3	12.1	12.5	12.5	12.8	13.2
	6H	12.3	12.6	12.7	13.0	13.4	12.2	12.6	12.6	12.9	13.3
8H	8H	12.4	12.7	12.9	13.1	13.5	12.4	12.6	12.8	13.0	13.4
	12H	12.6	12.9	13.1	13.3	13.7	12.6	12.8	13.0	13.2	13.6
	4H	12.1	12.4	12.6	12.8	13.2	12.1	12.3	12.5	12.7	13.1
12H	6H	12.3	12.5	12.8	13.0	13.4	12.3	12.5	12.7	12.9	13.4
	8H	12.6	12.7	13.0	13.2	13.6	12.5	12.6	12.9	13.1	13.6
	12H	12.9	13.0	13.4	13.5	14.0	12.8	12.9	13.3	13.4	13.9
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		-6.0					-6.1				
Corrected Glare Indices referring to 660lm Total Luminous Flux											