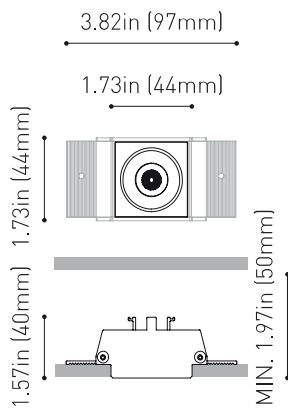




**DIMENSIONS**



**AWARDS**



Name	BLACK FOSTER TRI 1 UL SPOT 4000K NMG
Reference	U3181112NMG
Color	Matt black-Metallized gold
Category	CEILING RECESSED

**PRODUCT**

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>102.000h

**LIGHT SOURCE**

Lighting efficiency	90%
Delivered luminous flux	0 Lm
Light beam angle	19°

**LIGHTING FIXTURE | PHOTOMETRIC DATA**

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

**LIGHTING FIXTURE | ELECTRICAL DATA**

IC Rated	Yes
Environmental location	DAMP
Recess measurements	1.97 x 1.97   50 x 50
Weight	0.21 lb   94 gr
Packaged weight	0.31 lb   141 gr
Packaging dimensions	7.60x4.25x2.08 in   193x108x53 mm
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

**OTHER DATA**



Black Foster is our lineal recessed luminaire with "The invisible black" effect, also available in a trimless version. Hiding the source of light, Black Foster stands out for its visual comfort and its elegance.



POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
p Ceiling		70	70	50	30	30	70	70	50	30	
p Walls		50	30	50	30	30	50	30	50	30	
p Floor		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	-2.5	-1.9	-2.3	-1.7	-1.5	-2.5	-1.9	-2.3	-1.7	-1.5
	3H	1.4	2.0	1.7	2.2	2.4	1.4	2.0	1.7	2.2	2.4
	4H	3.8	4.4	4.1	4.6	4.9	3.8	4.4	4.1	4.6	4.9
	6H	5.6	6.1	5.9	6.3	6.6	5.6	6.1	5.9	6.3	6.6
	8H	6.8	7.3	7.1	7.6	7.8	6.8	7.3	7.1	7.6	7.8
	12H	8.1	8.6	8.5	8.9	9.2	8.1	8.6	8.5	8.9	9.2
4H	2H	-0.9	-0.3	-0.6	-0.1	0.2	-0.9	-0.3	-0.6	-0.1	0.2
	3H	2.9	3.4	3.2	3.7	4.0	2.9	3.4	3.2	3.7	4.0
	4H	5.3	5.7	5.7	6.1	6.4	5.3	5.7	5.7	6.1	6.4
	6H	7.2	7.6	7.6	7.9	8.3	7.2	7.6	7.6	7.9	8.3
	8H	8.6	8.9	9.0	9.2	9.6	8.6	8.9	9.0	9.2	9.6
	12H	10.0	10.3	10.4	10.7	11.1	10.0	10.3	10.4	10.7	11.1
8H	4H	6.0	6.3	6.5	6.7	7.1	6.0	6.3	6.5	6.7	7.1
	6H	8.2	8.5	8.7	8.9	9.3	8.2	8.5	8.7	8.9	9.3
	8H	9.8	10.0	10.3	10.5	10.9	9.8	10.0	10.3	10.5	10.9
	12H	11.5	11.6	12.0	12.1	12.6	11.5	11.6	12.0	12.1	12.6
12H	4H	6.3	6.5	6.7	6.9	7.3	6.3	6.5	6.7	6.9	7.3
	6H	8.6	8.8	9.1	9.2	9.7	8.6	8.8	9.1	9.2	9.7
	8H	10.3	10.5	10.8	10.9	11.4	10.3	10.5	10.8	10.9	11.4
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.2					+0.1 / -0.2				
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3				
S = 2.0H		+0.6 / -0.5					+0.6 / -0.5				
Standard table		---					---				
Correction Summand		---					---				
Corrected Glare Indices referring to 250lm Total Luminous Flux											

GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>