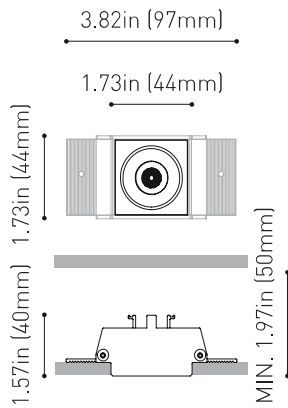




**DIMENSIONS**



**AWARDS**



<b>Name</b>	BLACK FOSTER TRI 1 UL SPOT 2700K NMG
<b>Reference</b>	U3181110NMG
<b>Color</b>	Matt black-Metallized gold
<b>Category</b>	CEILING RECESSED

**PRODUCT**

<b>Type</b>	LED
<b>Gross luminous flux</b>	Depending on Mounting Accessories Lm
<b>Color temperature</b>	2700 K
<b>Chromatic stability</b>	MacAdam Step 3
<b>Color Rendering Index</b>	CRI>90
<b>Power</b>	Depending on Mounting Accessories W
<b>Current</b>	Depending on Mounting Accessories mA
<b>LED lifespan</b>	L90B10>102.000h

**LIGHT SOURCE**

**LIGHTING FIXTURE | PHOTOMETRIC DATA**

<b>Lighting efficiency</b>	90%
<b>Delivered luminous flux</b>	0 Lm
<b>Light beam angle</b>	19°

**LIGHTING FIXTURE | ELECTRICAL DATA**

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

**OTHER DATA**

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



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												
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	-3.5	-2.8	-3.2	-2.6	-2.4	-3.5	-2.8	-3.2	-2.6	-2.4
3H		0.4	1.0	0.7	1.3	1.5	0.4	1.0	0.7	1.3	1.5	
4H		2.9	3.4	3.2	3.7	3.9	2.9	3.4	3.2	3.7	3.9	
6H		4.6	5.1	4.9	5.4	5.7	4.6	5.1	4.9	5.4	5.7	
8H		5.8	6.3	6.2	6.6	6.9	5.8	6.3	6.2	6.6	6.9	
12H	7.2	7.6	7.5	7.9	8.2	7.2	7.6	7.5	7.9	8.2		
4H	2H	-1.8	-1.3	-1.5	-1.0	-0.8	-1.8	-1.3	-1.5	-1.0	-0.8	
	3H	1.9	2.4	2.3	2.7	3.0	1.9	2.4	2.3	2.7	3.0	
	4H	4.4	4.8	4.7	5.1	5.4	4.4	4.8	4.7	5.1	5.4	
	6H	6.3	6.6	6.7	7.0	7.3	6.3	6.6	6.7	7.0	7.3	
	8H	7.6	7.9	8.0	8.3	8.7	7.6	7.9	8.0	8.3	8.7	
12H	9.1	9.3	9.5	9.7	10.1	9.1	9.3	9.5	9.7	10.1		
8H	4H	5.1	5.4	5.5	5.8	6.2	5.1	5.4	5.5	5.8	6.2	
	6H	7.3	7.5	7.7	7.9	8.4	7.3	7.5	7.7	7.9	8.4	
	8H	8.9	9.1	9.3	9.5	10.0	8.9	9.1	9.3	9.5	10.0	
	12H	10.5	10.7	11.0	11.1	11.6	10.5	10.7	11.0	11.1	11.6	
12H	4H	5.3	5.5	5.7	5.9	6.4	5.3	5.5	5.7	5.9	6.4	
	6H	7.7	7.8	8.1	8.3	8.7	7.7	7.8	8.1	8.3	8.7	
	8H	9.4	9.5	9.9	10.0	10.5	9.4	9.5	9.9	10.0	10.5	
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 190lm Total Luminous Flux												

GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>