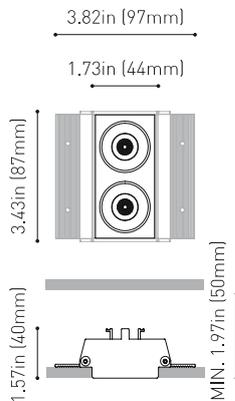




**DIMENSIONS**



**AWARDS**



<b>Name</b>	BLACK FOSTER TRI 2 UL SPOT 4000K NMG
<b>Reference</b>	U3182112NMG
<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>	4000 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**

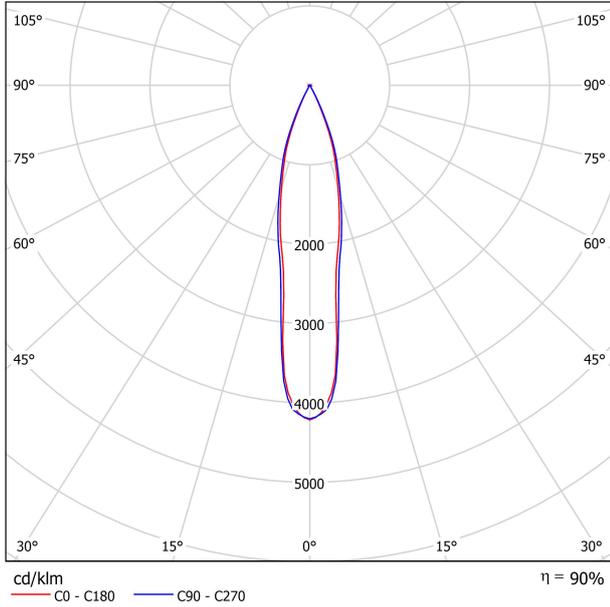
<b>IC Rated</b>	Yes
<b>Environmental location</b>	DAMP
<b>Recess measurements</b>	1.97 x 3.65   50 x 93
<b>Weight</b>	0.35 lb   159 gr
<b>Packaged weight</b>	0.56 lb   254 gr
<b>Packaging dimensions</b>	8.35x6.10x2.87 in   212x155x73 mm
<b>Materials</b>	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate



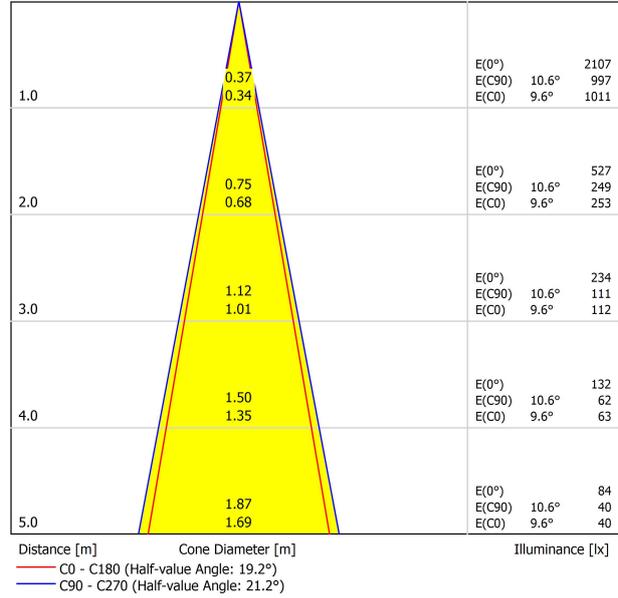
Black Foster is our lineal recessed luminaire with "The invisible black" effect, also available in a trimless version. Hiding the source of light, Black Foster stands out for its visual comfort and its elegance.



POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
		70	70	50	30	30	70	70	50	30	30
p Ceiling		50	30	50	30	30	50	30	50	30	30
p Walls		20	20	20	20	20	20	20	20	20	20
p Floor		20	20	20	20	20	20	20	20	20	20
Room Size	Viewing direction at right angles to lamp axis	Viewing direction parallel to lamp axis									
X Y											
2H	2H	5.2	5.9	5.5	6.1	6.3	4.9	5.6	5.2	5.8	6.0
	3H	9.0	9.6	9.2	9.8	10.0	8.5	9.1	8.7	9.3	9.5
	4H	10.9	11.5	11.2	11.7	12.0	10.5	11.1	10.8	11.3	11.6
	6H	12.9	13.4	13.2	13.7	14.0	12.5	13.1	12.9	13.4	13.6
	8H	14.0	14.5	14.3	14.8	15.1	13.8	14.3	14.2	14.6	14.9
	12H	15.3	15.8	15.7	16.1	16.4	15.2	15.6	15.5	15.9	16.3
4H	2H	6.3	6.9	6.6	7.1	7.4	6.1	6.7	6.4	6.9	7.2
	3H	10.2	10.7	10.5	11.0	11.3	9.9	10.4	10.2	10.7	11.0
	4H	12.2	12.7	12.6	13.0	13.3	12.0	12.5	12.4	12.8	13.1
	6H	14.5	14.8	14.9	15.2	15.6	14.2	14.6	14.6	15.0	15.3
	8H	15.7	16.0	16.1	16.4	16.8	15.6	15.9	16.0	16.3	16.7
	12H	17.2	17.4	17.6	17.8	18.3	17.0	17.3	17.5	17.7	18.1
8H	4H	13.0	13.4	13.5	13.7	14.1	12.9	13.2	13.3	13.6	14.0
	6H	15.6	15.9	16.1	16.3	16.7	15.4	15.7	15.9	16.1	16.5
	8H	17.0	17.2	17.5	17.6	18.1	16.9	17.2	17.4	17.6	18.1
	12H	18.6	18.8	19.1	19.3	19.8	18.6	18.7	19.0	19.2	19.7
12H	4H	13.3	13.6	13.7	14.0	14.4	13.2	13.4	13.6	13.8	14.3
	6H	16.0	16.2	16.4	16.6	17.1	15.8	16.0	16.3	16.5	16.9
	8H	17.5	17.6	18.0	18.1	18.6	17.4	17.6	17.9	18.1	18.5
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.1					+0.2 / -0.2				
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3				
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5				
Standard table		---					---				
Correction Summand		---					---				
Corrected Glare Indices referring to 500lm Total Luminous Flux											

GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>