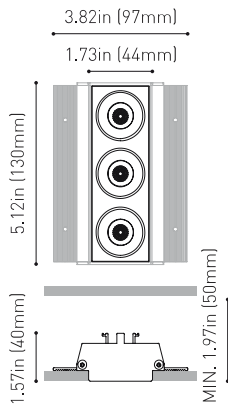




**DIMENSIONS**



Name	BLACK FOSTER TRI 3 UL SPOT 4000K N
Reference	U3183112N
Color	Matt black
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 FIXTURE | PHOTOMETRIC DATA**

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

**LIGHTING FIXTURE | ELECTRICAL DATA**

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

**OTHER DATA**

IC Rated	Yes
Environmental location	DAMP
Recess measurements	1.97 x 5.35   50 x 136
Weight	0.48 lb   219 gr
Packaged weight	0.70 lb   314 gr
Packaging dimensions	8.35x6.10x2.87 in   212x155x73 mm
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate



**AWARDS**



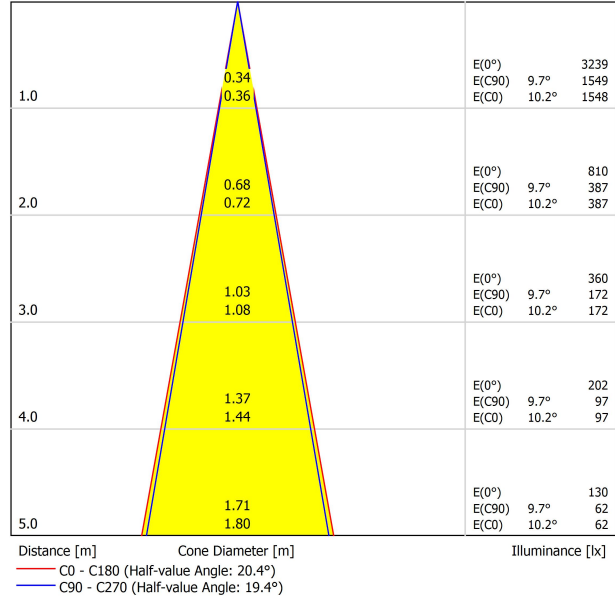
Black Foster is our lineal recessed luminaire with "The invisible black" effect, also available in a trimless version. Hiding the source of light, Black Foster stands out for its visual comfort and its elegance.



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	6.1	6.7	6.3	6.9	7.1	6.1	6.8	6.4	7.0	7.2
	3H	9.6	10.2	9.9	10.5	10.7	9.7	10.3	10.0	10.5	10.8
	4H	11.5	12.1	11.8	12.3	12.6	11.6	12.2	11.9	12.4	12.7
	6H	13.6	14.2	13.9	14.4	14.7	13.6	14.2	13.9	14.4	14.7
	8H	14.8	15.3	15.2	15.6	15.9	14.9	15.4	15.2	15.7	16.0
12H	16.2	16.7	16.5	17.0	17.3	16.3	16.8	16.6	17.1	17.4	
4H	2H	7.1	7.7	7.4	7.9	8.2	7.2	7.8	7.5	8.0	8.3
	3H	10.9	11.4	11.3	11.7	12.0	11.0	11.5	11.3	11.8	12.1
	4H	13.0	13.4	13.3	13.7	14.1	13.1	13.5	13.5	13.9	14.2
	6H	15.2	15.6	15.6	16.0	16.3	15.3	15.6	15.7	16.0	16.4
	8H	16.6	16.9	17.0	17.3	17.7	16.7	17.0	17.1	17.4	17.8
12H	18.0	18.3	18.5	18.7	19.1	18.1	18.4	18.6	18.8	19.2	
8H	4H	13.8	14.1	14.2	14.5	14.9	13.9	14.2	14.3	14.6	15.0
	6H	16.3	16.6	16.8	17.0	17.4	16.4	16.6	16.8	17.0	17.5
	8H	17.8	18.0	18.3	18.5	18.9	17.9	18.1	18.4	18.6	19.0
	12H	19.5	19.7	20.0	20.1	20.6	19.6	19.8	20.1	20.2	20.7
12H	4H	14.0	14.3	14.5	14.7	15.1	14.1	14.4	14.6	14.8	15.2
	6H	16.7	16.9	17.2	17.3	17.8	16.7	16.9	17.2	17.4	17.8
	8H	18.3	18.5	18.8	18.9	19.4	18.4	18.5	18.8	19.0	19.5
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.2					+0.2 / -0.2				
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3				
S = 2.0H		+0.5 / -0.6					+0.5 / -0.6				
Standard table		---					---				
Correction Summand		---					---				
Corrected Glare Indices referring to 750lm Total Luminous Flux											

GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>