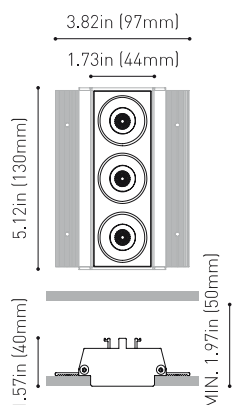


## DIMENSIONS



## AWARDS



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 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

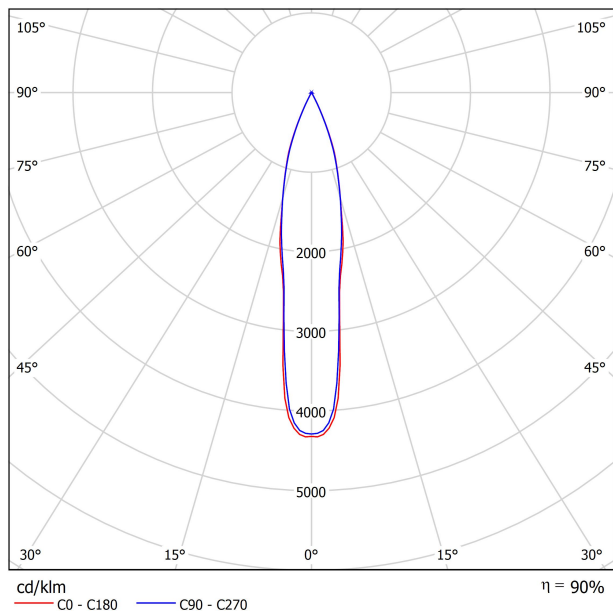
IC Rated	Yes
Environmental location	DAMP
Recess measurements	1.97 x 5.35   50 x 136
Weight	0.48 lb   219 gr
Packaged weight	0.70 lb   314 gr
Packaging dimensions	8.35x6.10x2.87 in   212x155x73 mm
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

## OTHER DATA

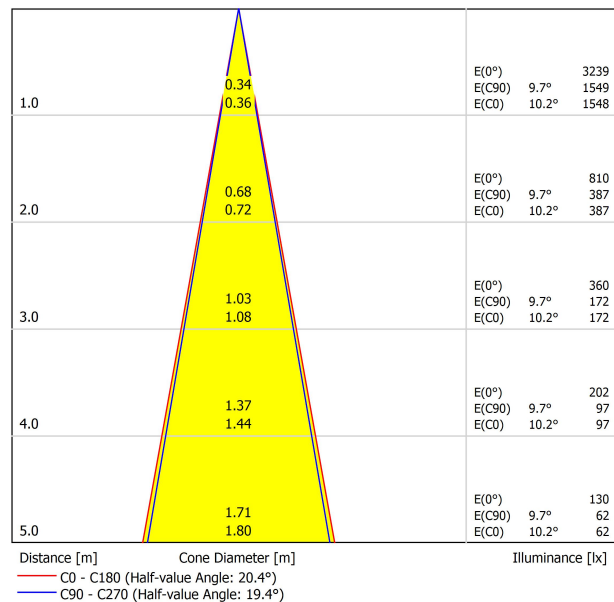


Black Foster is our lineal recessed luminaire with "The invisible black" effect, also available in a trimless version. Hiding the source of light, Black Foster stands out for its visual comfort and its elegance.

## POLAR DIAGRAM



## CONICAL DIAGRAM



## UGR

Glare Evaluation According to UGR											
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	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
4H	12H	16.2	16.7	16.5	17.0	17.3	16.3	16.8	16.6	17.1	17.4
	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	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
	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	12H	19.5	19.7	20.0	20.1	20.6	19.6	19.8	20.1	20.2	20.7
	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>