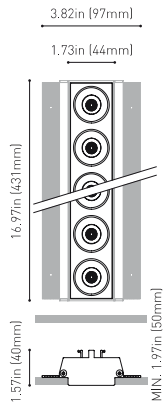




## DIMENSIONS



## AWARDS



<b>Name</b>	BLACK FOSTER TRI 10 UL SPOT 3000K NMG
<b>Reference</b>	U3185111NMG
<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>	3000 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

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

## LIGHTING FIXTURE | PHOTOMETRIC 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

## LIGHTING FIXTURE | ELECTRICAL DATA

<b>IC Rated</b>	Yes
<b>Environmental location</b>	DAMP
<b>Recess measurements</b>	1.97 x 17.20   50 x 437
<b>Weight</b>	1.51 lb   684 gr
<b>Packaged weight</b>	2.22 lb   1009 gr
<b>Packaging dimensions</b>	Ø4.13x22.83 in   Ø105x580 mm
<b>Materials</b>	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	50	30	70	70	50	50	30	30
p Walls		50	30	50	30	30	50	30	50	30	30	30
p Floor		20	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	2.2	2.8	2.4	3.0	3.2	3.0	3.7	3.3	3.9	4.1	
	3H	5.7	6.3	5.9	6.5	6.7	6.9	7.5	7.2	7.8	8.0	
	4H	7.6	8.2	7.9	8.5	8.7	8.8	9.3	9.1	9.6	9.8	
	6H	9.9	10.4	10.2	10.7	11.0	11.0	11.6	11.4	11.8	12.1	
	8H	11.0	11.5	11.3	11.8	12.1	12.3	12.8	12.6	13.1	13.4	
	12H	12.4	12.9	12.7	13.2	13.5	13.7	14.2	14.0	14.5	14.8	
4H	2H	3.5	4.1	3.8	4.4	4.6	4.1	4.7	4.4	4.9	5.2	
	3H	7.3	7.7	7.6	8.0	8.4	8.1	8.6	8.5	8.9	9.2	
	4H	9.3	9.8	9.7	10.1	10.4	10.2	10.6	10.5	10.9	11.2	
	6H	11.6	12.0	12.0	12.3	12.7	12.6	12.9	13.0	13.3	13.7	
	8H	12.8	13.2	13.3	13.5	13.9	13.9	14.2	14.3	14.6	15.0	
	12H	14.3	14.6	14.8	15.0	15.4	15.5	15.7	15.9	16.1	16.6	
8H	4H	10.3	10.6	10.7	11.0	11.4	10.9	11.2	11.3	11.6	12.0	
	6H	12.8	13.0	13.2	13.4	13.9	13.5	13.8	14.0	14.2	14.6	
	8H	14.2	14.4	14.7	14.8	15.3	15.1	15.3	15.5	15.7	16.2	
	12H	15.8	16.0	16.3	16.5	16.9	16.8	17.0	17.3	17.4	17.9	
12H	4H	10.6	10.8	11.0	11.2	11.7	11.1	11.4	11.5	11.8	12.2	
	6H	13.1	13.3	13.6	13.8	14.2	13.8	14.0	14.3	14.5	14.9	
	8H	14.7	14.8	15.2	15.3	15.8	15.5	15.6	15.9	16.1	16.6	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
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 2100lm Total Luminous Flux												

GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>