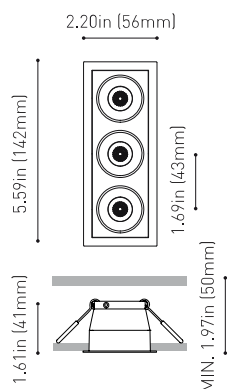




## DIMENSIONS



## AWARDS



Name	BLACK FOSTER REC 3 UL SPOT 2700K N
Reference	U3193110N
Color	Matt black
Category	CEILING RECESSED

## PRODUCT

Type	LED
Gross luminous flux	Depending on Mounting Accessories Lm
Color temperature	2700 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	L80B10 >60.000h

## LIGHT SOURCE

Lighting efficiency	90%
Light beam angle	19°

## LIGHTING FIXTURE | PHOTOMETRIC DATA

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

## LIGHTING FIXTURE | ELECTRICAL DATA

Environmental location	DAMP
Weight	0.45 lb   205 gr
Packaged weight	0.61 lb   275 gr
Packaging dimensions	6.97x4.09x2.17 in   177x104x55 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene

## OTHER DATA

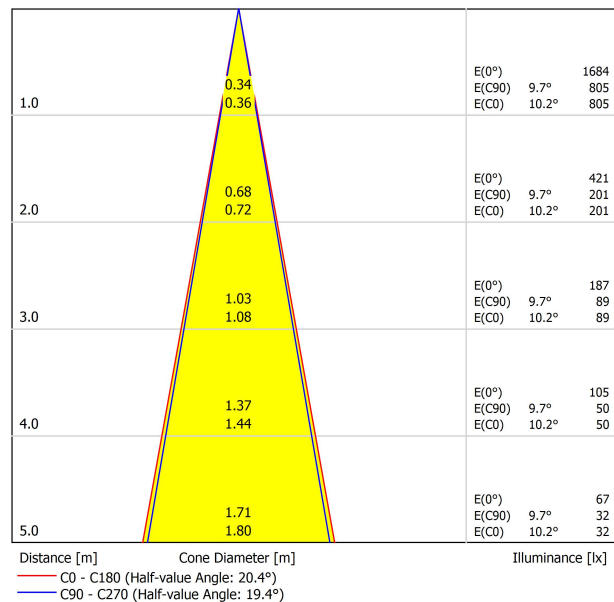


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual trimless". Black Foster stands out for its refinement, its visual comfort and for almost completely hide the source of light from the human eye range.

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
ρ Floor		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	3.7	4.4	4.0	4.6	4.8	3.8	4.5	4.1	4.7	4.9
	3H	7.3	7.9	7.6	8.1	8.4	7.4	8.0	7.6	8.2	8.4
	4H	9.1	9.7	9.5	10.0	10.3	9.3	9.9	9.6	10.1	10.4
	6H	11.3	11.8	11.6	12.1	12.4	11.3	11.8	11.6	12.1	12.4
	8H	12.5	13.0	12.8	13.3	13.6	12.6	13.1	12.9	13.4	13.7
	12H	13.8	14.3	14.2	14.6	15.0	13.9	14.4	14.3	14.8	15.1
4H	2H	4.8	5.4	5.1	5.6	5.9	4.8	5.4	5.1	5.7	5.9
	3H	8.6	9.1	8.9	9.4	9.7	8.6	9.1	9.0	9.4	9.7
	4H	10.6	11.1	11.0	11.4	11.7	10.8	11.2	11.1	11.5	11.9
	6H	12.9	13.3	13.3	13.6	14.0	12.9	13.3	13.3	13.7	14.0
	8H	14.2	14.6	14.7	14.9	15.3	14.3	14.7	14.7	15.0	15.4
	12H	15.7	16.0	16.1	16.4	16.8	15.8	16.1	16.2	16.5	16.9
8H	4H	11.5	11.8	11.9	12.2	12.6	11.6	11.9	12.0	12.3	12.7
	6H	14.0	14.3	14.5	14.7	15.1	14.0	14.3	14.5	14.7	15.1
	8H	15.5	15.7	16.0	16.2	16.6	15.6	15.8	16.0	16.2	16.7
	12H	17.2	17.3	17.6	17.8	18.3	17.3	17.4	17.7	17.9	18.4
12H	4H	11.7	12.0	12.1	12.4	12.8	11.8	12.1	12.2	12.5	12.9
	6H	14.4	14.6	14.8	15.0	15.5	14.4	14.6	14.8	15.0	15.5
	8H	16.0	16.1	16.4	16.6	17.1	16.0	16.2	16.5	16.7	17.2
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 390lm Total Luminous Flux											