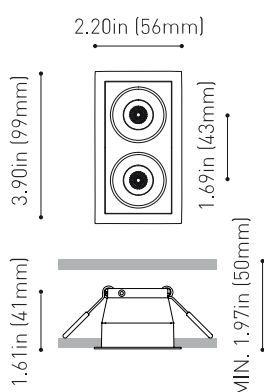




DIMENSIONS



Awards



INTERIOR DESIGN

PRODUCT

Name	BLACK FOSTER REC 2 UL SPOT 4000K NMG
Reference	U3192112NMG
Color	Matt black-Metallized gold
RAL	Metallic finish
Category	CEILING RECESSED

MOUNTING ACCESSORY / DRIVER

Mounting Accessory / Driver	Mandatory, not included. See next page
Model	REMOTE BOX 1-16W 450mA
Reference	U100011801

LIGHT SOURCE

Type	LED
Gross luminous flux	330 Lm
Color temperature	4000 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	2.7 W
Current	450 mA
Efficacy	122 Lm/W
LED lifespan	L90B10>102.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	90%
Delivered luminous flux	297 Lm
Light beam angle	19

LIGHTING FIXTURE | ELECTRICAL DATA

Power values of the system	4.3 W
Voltage	120-277 V
Frequency	50/60 Hz
Dimming	0-10V

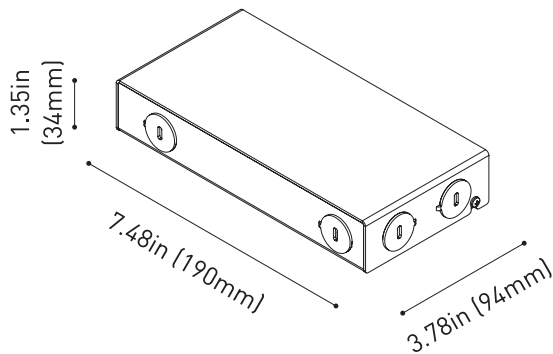
OTHER DATA

IC Rated	Yes
Environmental location	DAMP
Weight	0.31 lb 140 gr
Packaged weight	0.47 lb 217 gr
Packaging dimensions	6.22 x 3.85 x 1.96 in 158 x 98 x 50 mm
Materials	Aluminium / Acrylonitrile Butadiene Styrene



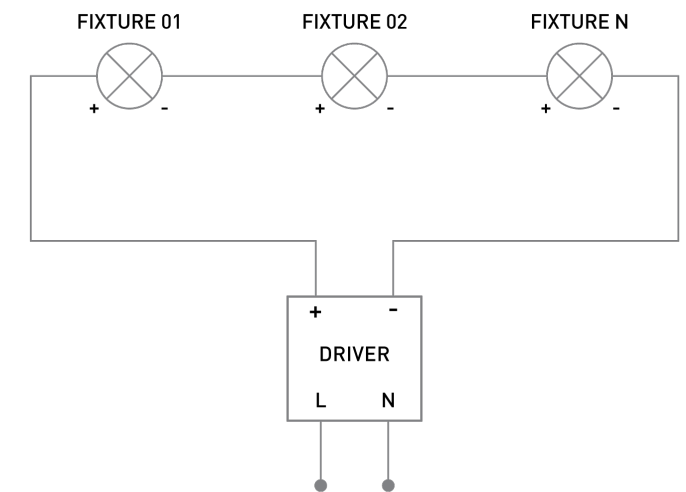
Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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.

Mandatory / Not Included



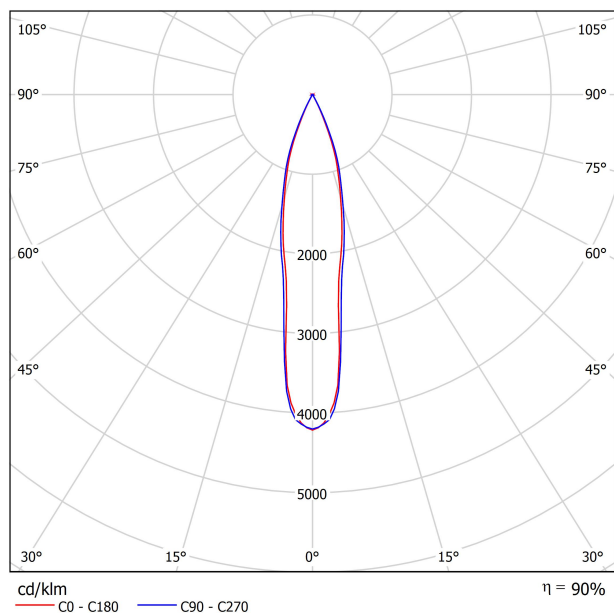
PRODUCT	
Model	REMOTE BOX 1-16W 450mA
Driver	Included
Reference	U100011801
IC Rated	Yes
Dimming	0-10V
Size	7.48 x 3.78 x 1.35 in 190 x 94 x 34 mm
Weight	1.9 lb 860 gr
Packaged weight	2.02 lb 920 gr
Packaging dimensions	9.53 x 4.13 x 1.54 in 242 x 105 x 39 mm
Nº Luminaires	1 to 5
LED - Driver Distance	20AWG - 46ft
	19AWG - 59ft
	18AWG - 72ft
	17AWG - 92ft
	16AWG - 118ft
INPUT CHARACTERISTICS	
Input Voltage	120-277 V
Frequency	50/60 Hz
OUTPUT CHARACTERISTICS	
Output Voltage	2 - 35 V
Output Current	450 mA
Output Power	1 - 16 W



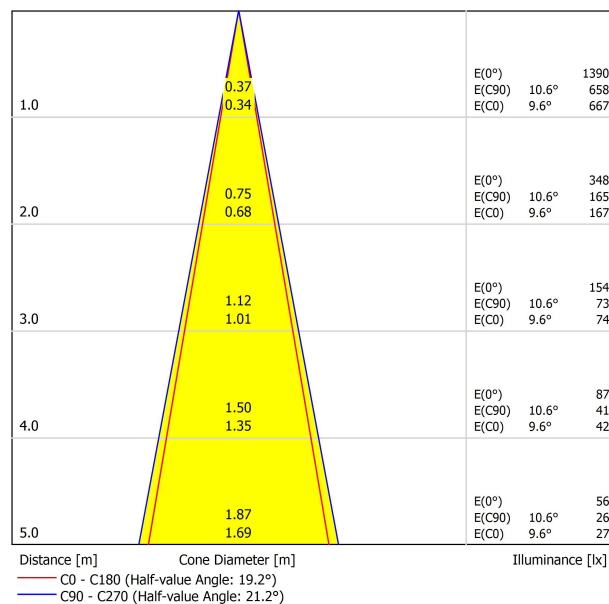


SERIAL CONNECTION FOR SEVERAL FIXTURES TO A SINGLE CONSTANT CURRENT DRIVER
RESPECT THE DISTANCE LED - DRIVER

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	30
ρ Walls		50	30	50	30	30	50	30	50	30	30	30
ρ Floor		20	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	3.7	4.4	3.9	4.6	4.8	3.4	4.1	3.6	4.3	4.4	4.4
	3H	7.4	8.0	7.7	8.3	8.5	6.9	7.5	7.2	7.8	8.0	8.0
	4H	9.3	9.9	9.6	10.2	10.4	9.0	9.5	9.3	9.8	10.1	10.1
	6H	11.4	11.9	11.7	12.2	12.5	11.0	11.5	11.3	11.8	12.1	12.1
	8H	12.5	13.0	12.8	13.3	13.6	12.3	12.8	12.6	13.1	13.4	13.4
	12H	13.8	14.3	14.1	14.6	14.9	13.6	14.1	14.0	14.4	14.7	14.7
4H	2H	4.8	5.3	5.1	5.6	5.9	4.5	5.1	4.8	5.4	5.6	5.6
	3H	8.7	9.2	9.0	9.5	9.8	8.4	8.9	8.7	9.2	9.5	9.5
	4H	10.7	11.1	11.1	11.5	11.8	10.5	10.9	10.9	11.2	11.6	11.6
	6H	13.0	13.3	13.4	13.7	14.1	12.7	13.1	13.1	13.4	13.8	13.8
	8H	14.2	14.5	14.6	14.9	15.3	14.1	14.4	14.5	14.8	15.2	15.2
	12H	15.6	15.9	16.1	16.3	16.7	15.5	15.8	15.9	16.2	16.6	16.6
8H	4H	11.5	11.8	11.9	12.2	12.6	11.4	11.7	11.8	12.1	12.5	12.5
	6H	14.1	14.3	14.5	14.7	15.2	13.9	14.1	14.3	14.6	15.0	15.0
	8H	15.5	15.7	15.9	16.1	16.6	15.4	15.6	15.9	16.1	16.5	16.5
	12H	17.1	17.3	17.6	17.7	18.2	17.0	17.2	17.5	17.7	18.2	18.2
12H	4H	11.8	12.1	12.2	12.5	12.9	11.6	11.9	12.1	12.3	12.7	12.7
	6H	14.4	14.6	14.9	15.1	15.6	14.3	14.5	14.7	14.9	15.4	15.4
	8H	15.9	16.1	16.4	16.6	17.1	15.9	16.1	16.4	16.5	17.0	17.0
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 330lm Total Luminous Flux												