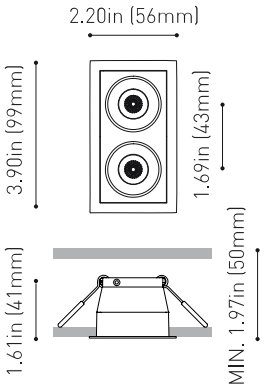
Black Foster

ARKOSLIGHT



Dimensions



Awards

	PRODUCT
Name	BLACK FOSTER REC 2 UL SPOT 3500K N
Reference	U3192113N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

	MOUNTING ACCESSORY / DRIVER
Mounting Accessory / Driver	Mandatory, not included. See Mounting acc. Page
Model	REMOTE BOX 1-16W 450mA
Reference	U100011801

	LIGHT SOURCE
Type	LED
Gross luminous flux	310 Lm
Color temperature	3500 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	2.7 W
Current	450 mA
Efficacy	114 Lm/W
LED lifespan	L90B10>102.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	90%
Delivered luminous flux	279 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 clarity of the object " 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.

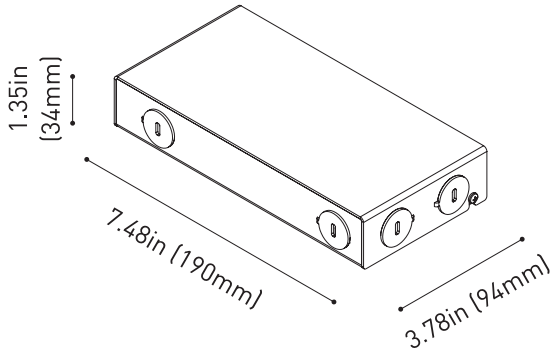
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Mounting Accessory / Driver

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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

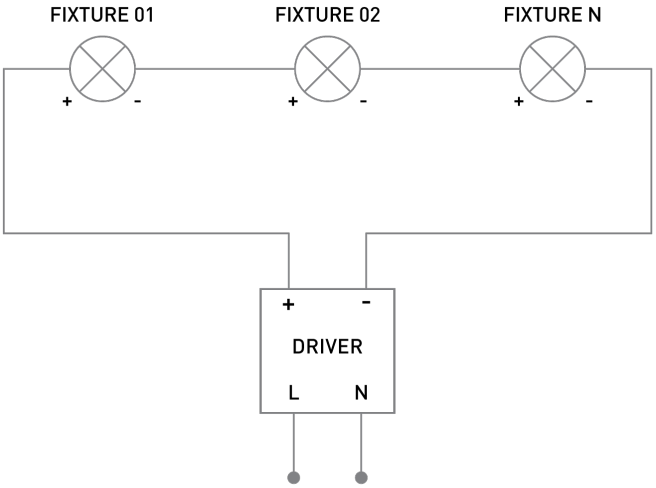
Intertek

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Wiring Diagram

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

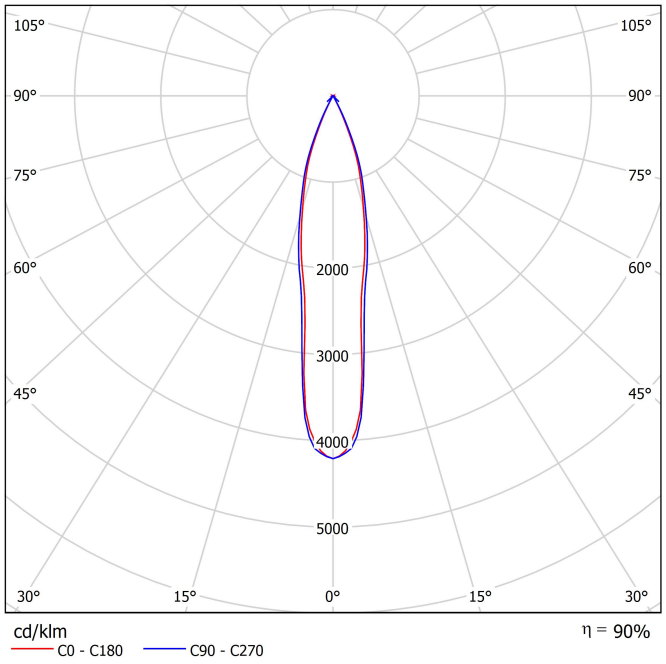
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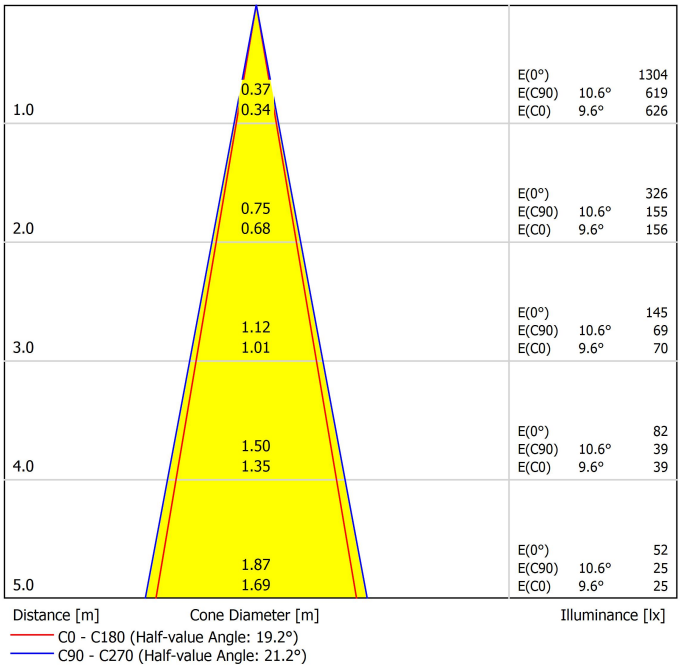
Lighting Technical Data

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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	3.7	4.4	4.0	4.6	4.8	3.6	4.3	3.9	4.5	4.7
	3H	7.0	7.6	7.3	7.8	8.1	6.9	7.5	7.2	7.7	8.0
	4H	8.9	9.5	9.2	9.7	10.0	8.8	9.3	9.1	9.6	9.9
	6H	11.0	11.5	11.3	11.8	12.1	10.8	11.3	11.1	11.6	11.9
	8H	12.1	12.6	12.5	12.9	13.2	12.0	12.6	12.4	12.8	13.1
	12H	13.5	14.0	13.8	14.3	14.6	13.4	13.9	13.7	14.2	14.5
4H	2H	4.9	5.5	5.2	5.8	6.0	4.8	5.4	5.1	5.7	5.9
	3H	8.4	8.9	8.7	9.2	9.5	8.3	8.8	8.6	9.1	9.4
	4H	10.4	10.8	10.8	11.2	11.5	10.3	10.7	10.7	11.1	11.4
	6H	12.7	13.0	13.1	13.4	13.8	12.5	12.9	12.9	13.2	13.6
	8H	13.9	14.2	14.3	14.6	15.0	13.9	14.2	14.3	14.6	15.0
	12H	15.4	15.6	15.8	16.0	16.5	15.3	15.6	15.7	16.0	16.4
8H	4H	11.3	11.6	11.7	12.0	12.4	11.2	11.5	11.6	11.9	12.3
	6H	13.8	14.1	14.3	14.5	14.9	13.7	13.9	14.1	14.4	14.8
	8H	15.2	15.4	15.7	15.9	16.3	15.2	15.4	15.7	15.8	16.3
	12H	16.9	17.0	17.4	17.5	18.0	16.8	17.0	17.3	17.4	17.9
12H	4H	11.5	11.8	12.0	12.2	12.6	11.4	11.7	11.9	12.1	12.5
	6H	14.2	14.4	14.7	14.8	15.3	14.1	14.3	14.5	14.7	15.2
	8H	15.7	15.9	16.2	16.3	16.8	15.7	15.8	16.2	16.3	16.8

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 310lm Total Luminous Flux

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