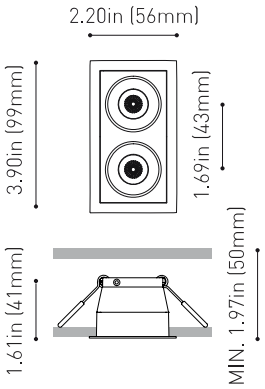
Black Foster

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Dimensions



Awards

	PRODUCT
Name	BLACK FOSTER REC 2 UL FLOOD 3000K WN
Reference	U3192011WN
Color	White-Black
RAL	Colour in the mass looks alike RAL 9016 & 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	280 Lm
Color temperature	3000 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	2.7 W
Current	450 mA
Efficacy	104 Lm/W
LED lifespan	L90B10>102.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	92%
Delivered luminous flux	258 Lm
Light beam angle	38°

	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.

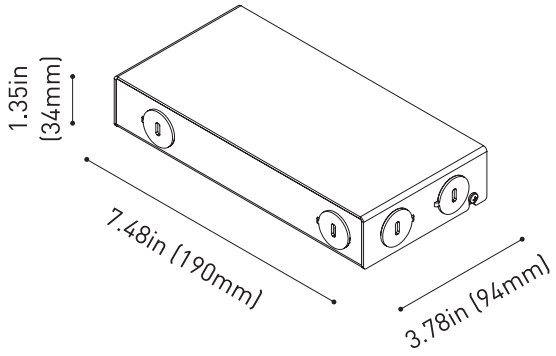
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Mounting Accessory / Driver

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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

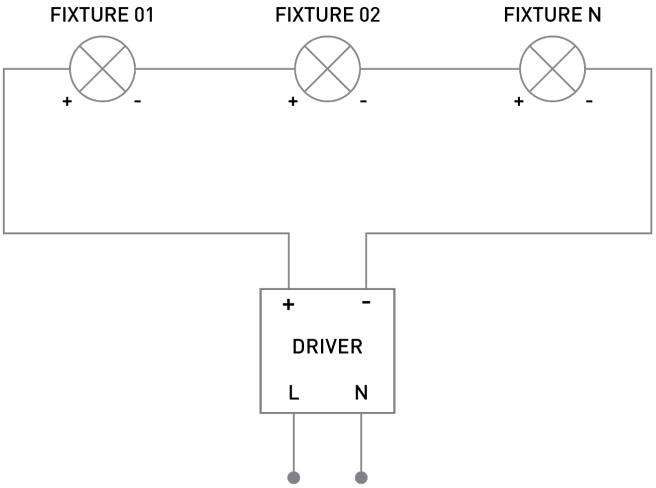
	OUTPUT CHARACTERISTICS
Output Voltage	2 - 35 V
Output Current	450 mA
Output Power	1 - 16 W

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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

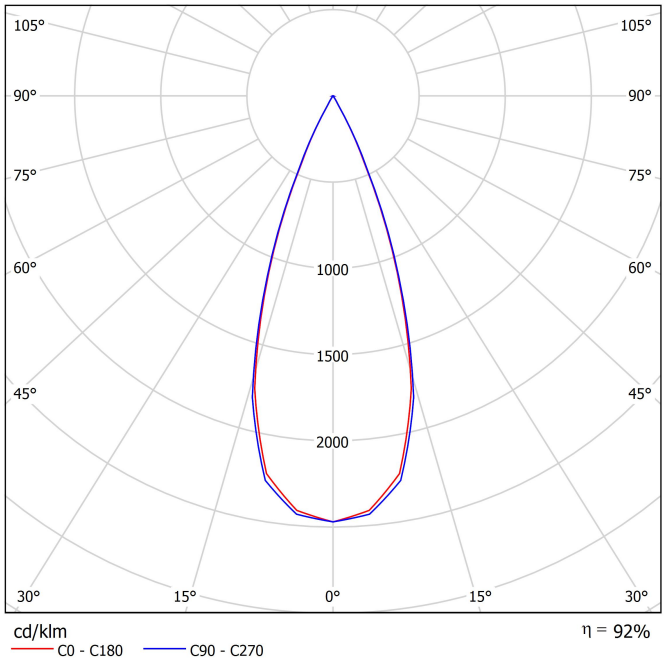
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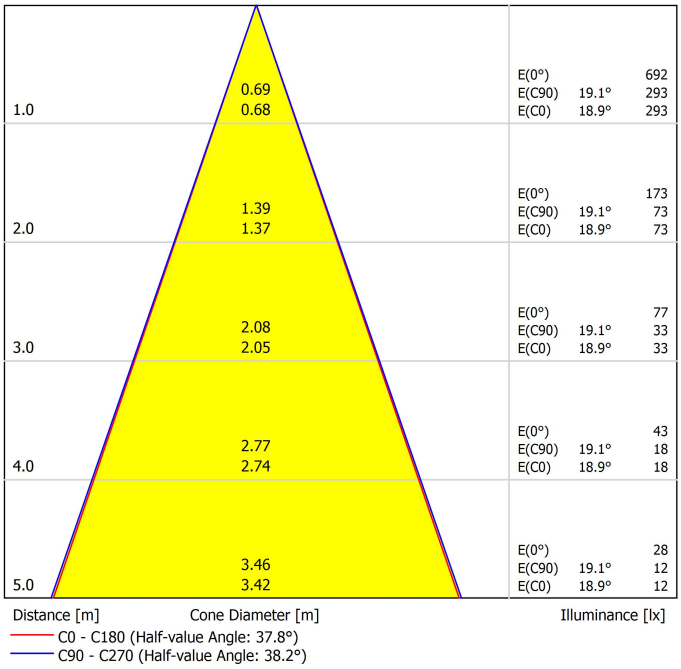
Lighting Technical Data

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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	-11.9	-11.3	-11.7	-11.1	-10.9	-11.5	-10.9	-11.3	-10.7	-10.5
	3H	-6.9	-6.3	-6.6	-6.1	-5.8	-6.6	-6.0	-6.3	-5.8	-5.6
	4H	-4.0	-3.4	-3.7	-3.2	-2.9	-3.5	-3.0	-3.2	-2.7	-2.5
	6H	-0.5	0.0	-0.2	0.3	0.6	-0.2	0.3	0.1	0.5	0.8
	8H	1.4	1.9	1.7	2.1	2.4	1.5	2.0	1.8	2.3	2.6
	12H	3.4	3.8	3.7	4.1	4.4	3.5	3.9	3.8	4.2	4.6
4H	2H	-10.3	-9.7	-10.0	-9.5	-9.2	-10.1	-9.5	-9.8	-9.3	-9.0
	3H	-5.1	-4.6	-4.7	-4.3	-4.0	-4.9	-4.4	-4.6	-4.1	-3.8
	4H	-2.1	-1.7	-1.7	-1.4	-1.0	-1.7	-1.3	-1.4	-1.0	-0.7
	6H	1.4	1.8	1.8	2.1	2.5	1.6	2.0	2.0	2.3	2.7
	8H	3.3	3.6	3.8	4.0	4.4	3.5	3.7	3.9	4.1	4.5
	12H	5.4	5.6	5.8	6.0	6.5	5.5	5.7	5.9	6.1	6.6
8H	4H	-0.7	-0.4	-0.3	-0.1	0.3	-0.5	-0.2	-0.1	0.2	0.6
	6H	2.9	3.1	3.4	3.6	4.0	3.0	3.2	3.5	3.7	4.1
	8H	4.9	5.1	5.4	5.5	6.0	5.0	5.2	5.5	5.6	6.1
	12H	7.1	7.3	7.6	7.7	8.2	7.2	7.3	7.7	7.8	8.3
12H	4H	-0.2	-0.0	0.2	0.4	0.8	-0.1	0.2	0.4	0.6	1.0
	6H	3.5	3.6	3.9	4.1	4.5	3.5	3.7	4.0	4.2	4.6
	8H	5.5	5.7	6.0	6.2	6.6	5.6	5.8	6.1	6.2	6.7

Variation of the observer position for the luminaire distances S

S = 1.0H	+0.5 / -0.3	+0.6 / -0.3
S = 1.5H	+1.1 / -0.5	+1.3 / -0.5
S = 2.0H	+1.9 / -0.8	+2.3 / -0.8
Standard table	---	---
Correction Summand	---	---

Corrected Glare Indices referring to 280lm Total Luminous Flux

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