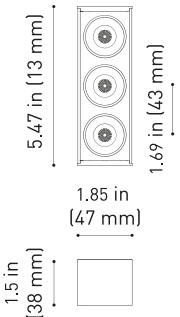
Black Foster Surface Remote

ARKOSLIGHT



Dimensions



	PRODUCT
Name	BLACK FOSTER SURFACE REMOTE 3 UL FLOOD 3500K WTW
Reference	U4803003WTW
Color	Textured white
RAL	9016
Category	SURFACE

	MOUNTING ACCESSORY / DRIVER
Mounting Accessory / Driver	Mandatory, not included. See Mounting acc. Page
Model	REMOTE BOX 1.4-17W 700mA
Reference	U100003601

	LIGHT SOURCE
Type	LED
Gross luminous flux	690 Lm
Color temperature	3500 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	6.3 W
Current	700 mA
Efficacy	109 Lm/W
LED lifespan	L90B10>102.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	92%
Delivered luminous flux	635 Lm
Light beam angle	38°

	LIGHTING FIXTURE | ELECTRICAL DATA
Power values of the system	8.8 W
Voltage	120-277 V
Frequency	50/60 Hz
Dimming	0-10V

	OTHER DATA
IC Rated	Yes
Environmental location	DAMP
Weight	0.540 lb | 245 gr
Packaged weight	0.661 lb | 300 gr
Packaging dimensions	10.2 x 2.8 x 1.8 in | 260 x 73 x 46 mm
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

An unostentatious feature in the space. This is how the new Black Foster Surface Remote version reveals its compact and essential lighting fixture. The combination also the use of a remote driver enables minimising its profile to the extent necessary to integrate its invisible light optical system.

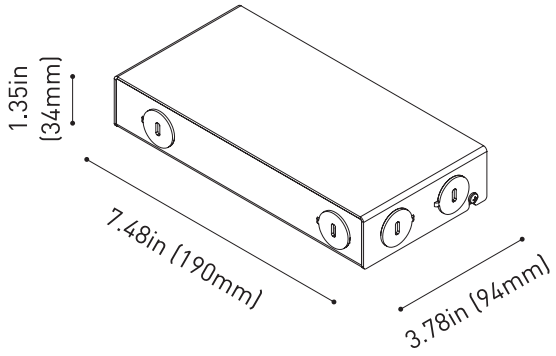
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Mounting Accessory / Driver

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Mandatory / Not Included



	PRODUCT
Model	REMOTE BOX 1.4-17W 700mA
Driver	Included
Reference	U100003601
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 | 865 gr
Packaging dimensions	9.53 x 4.13 x 1.54 in | 242 x 105 x 39 mm
Nº Luminaires	1 to 2
LED - Driver Distance	20AWG - 46ft 19AWG - 59ft 18AWG - 72ft 17AWG - 92ft 16AWG - 118ft

	INPUT CHARACTERISTICS
Input Voltage	120-277 V
Frequency	50/60 Hz

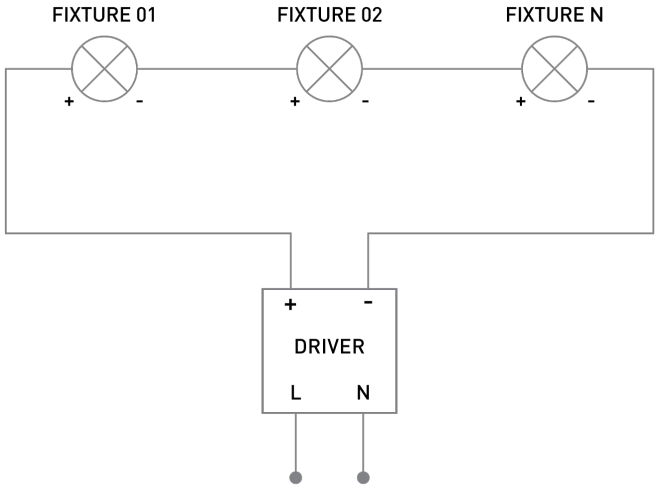
	OUTPUT CHARACTERISTICS
Output Voltage	2 - 24 V
Output Current	700 mA
Output Power	1.4 - 17 W

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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

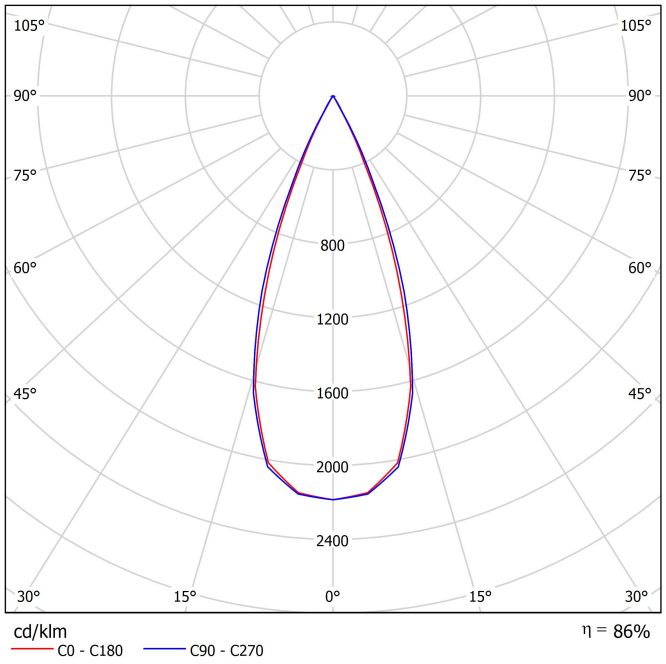
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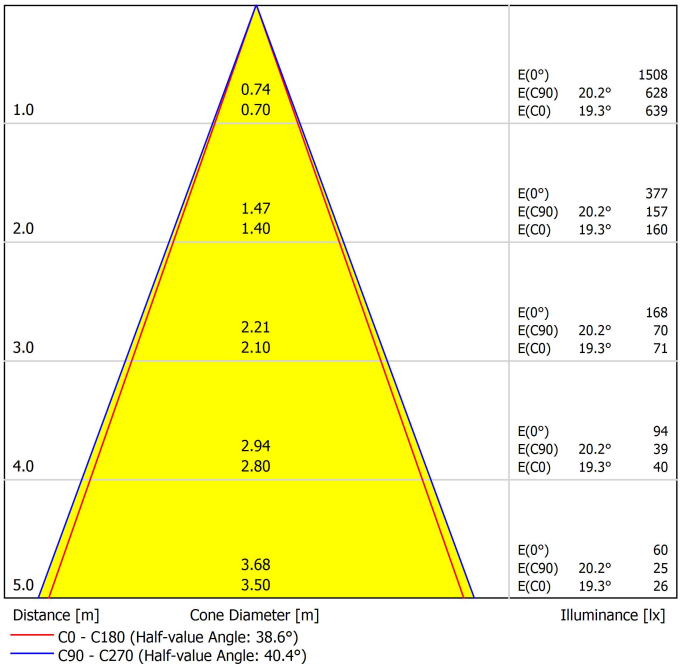
Lighting Technical Data

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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	-11.3	-10.6	-11.0	-10.4	-10.2	-11.3	-10.7	-11.1	-10.5	-10.3
	3H	-6.3	-5.7	-6.0	-5.5	-5.2	-5.4	-4.8	-5.1	-4.6	-4.3
	4H	-3.3	-2.7	-3.0	-2.5	-2.2	-2.0	-1.5	-1.7	-1.2	-1.0
	6H	0.1	0.6	0.5	0.9	1.2	1.6	2.1	1.9	2.3	2.6
	8H	1.9	2.4	2.2	2.7	3.0	3.4	3.9	3.7	4.1	4.4
	12H	3.8	4.3	4.2	4.6	4.9	5.3	5.8	5.7	6.1	6.4
4H	2H	-9.6	-9.1	-9.3	-8.8	-8.6	-9.7	-9.1	-9.4	-8.9	-8.6
	3H	-4.5	-4.1	-4.2	-3.8	-3.5	-3.8	-3.4	-3.5	-3.1	-2.7
	4H	-1.5	-1.1	-1.1	-0.7	-0.4	-0.4	-0.1	-0.1	0.3	0.6
	6H	2.0	2.3	2.4	2.7	3.1	3.2	3.6	3.6	3.9	4.3
	8H	3.8	4.1	4.2	4.5	4.9	5.1	5.4	5.6	5.8	6.2
	12H	5.8	6.1	6.3	6.5	6.9	7.2	7.4	7.6	7.8	8.3
8H	4H	-0.2	0.1	0.2	0.4	0.8	0.5	0.8	0.9	1.2	1.6
	6H	3.4	3.6	3.8	4.0	4.5	4.4	4.6	4.8	5.0	5.5
	8H	5.4	5.5	5.8	6.0	6.5	6.4	6.6	6.9	7.1	7.5
	12H	7.5	7.7	8.0	8.1	8.6	8.7	8.8	9.2	9.3	9.8
12H	4H	0.3	0.6	0.8	1.0	1.4	0.9	1.1	1.3	1.5	1.9
	6H	3.9	4.1	4.4	4.6	5.0	4.8	4.9	5.2	5.4	5.9
	8H	6.0	6.1	6.5	6.6	7.1	6.9	7.1	7.4	7.5	8.0

Variation of the observer position for the luminaire distances S

S = 1.0H	+0.7 / -0.3	+1.3 / -0.4
S = 1.5H	+1.4 / -0.5	+2.7 / -0.7
S = 2.0H	+2.4 / -0.8	+4.2 / -1.0
Standard table	---	---
Correction Summand	---	---

Corrected Glare Indices referring to 690lm Total Luminous Flux

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