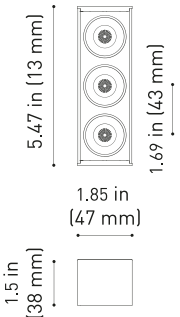
Black Foster Surface Remote

ARKOSLIGHT



Dimensions



	PRODUCT
Name	BLACK FOSTER SURFACE REMOTE 3 UL FLOOD 2700K WTW
Reference	U4803000WTW
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	570 Lm
Color temperature	2700 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	6.3 W
Current	700 mA
Efficacy	90 Lm/W
LED lifespan	L90B10>102.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	92%
Delivered luminous flux	524 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.

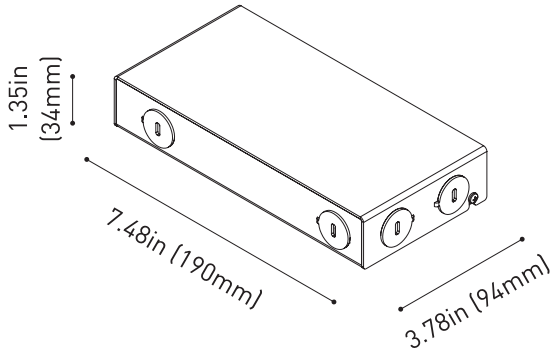
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Mounting Accessory / Driver

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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

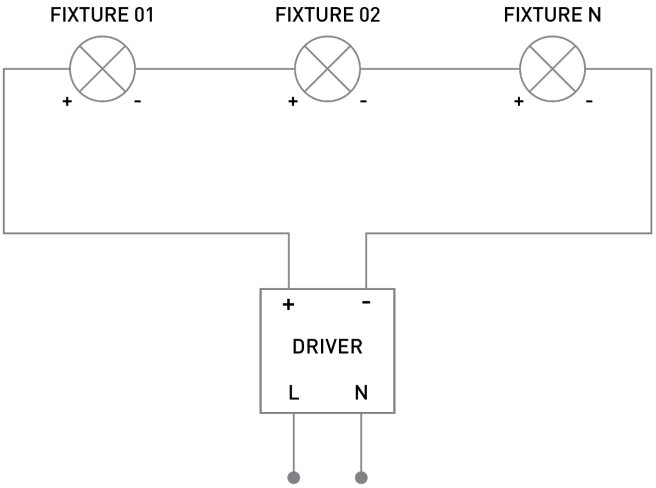
	OUTPUT CHARACTERISTICS
Output Voltage	2 - 24 V
Output Current	700 mA
Output Power	1.4 - 17 W

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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

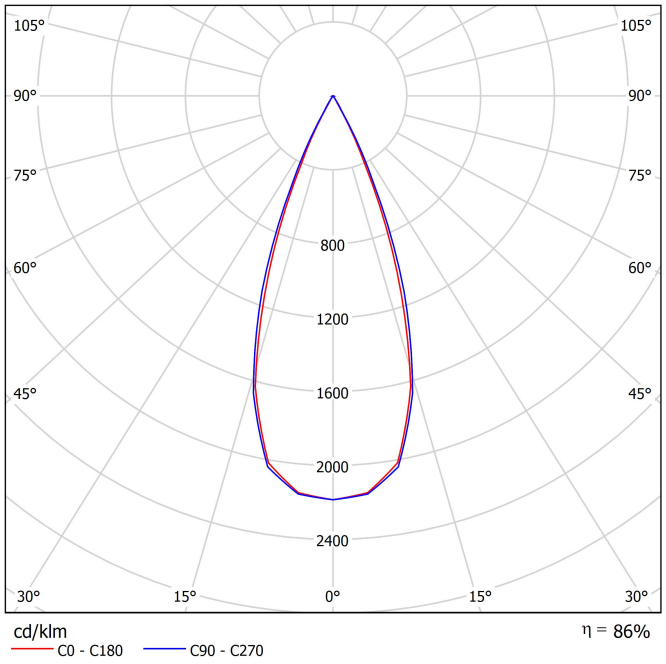
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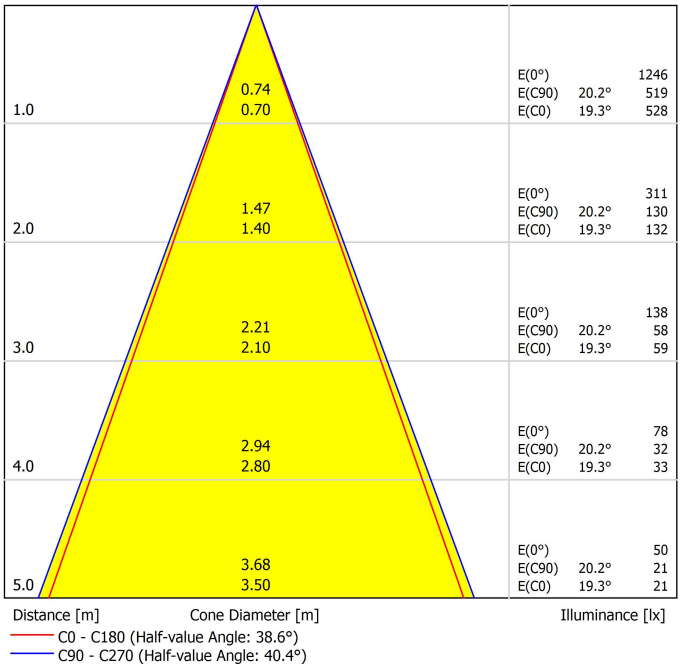
Lighting Technical Data

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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	-11.9	-11.3	-11.7	-11.1	-10.9	-12.0	-11.4	-11.7	-11.2	-11.0
	3H	-7.0	-6.4	-6.7	-6.2	-5.9	-6.0	-5.5	-5.8	-5.2	-5.0
	4H	-3.9	-3.4	-3.6	-3.1	-2.9	-2.7	-2.2	-2.4	-1.9	-1.6
	6H	-0.5	-0.0	-0.2	0.2	0.5	0.9	1.4	1.2	1.7	2.0
	8H	1.2	1.7	1.6	2.0	2.3	2.7	3.2	3.0	3.5	3.8
	12H	3.2	3.6	3.5	3.9	4.2	4.6	5.1	5.0	5.4	5.7
4H	2H	-10.3	-9.7	-10.0	-9.5	-9.2	-10.3	-9.8	-10.0	-9.5	-9.3
	3H	-5.2	-4.7	-4.8	-4.4	-4.1	-4.5	-4.0	-4.1	-3.7	-3.4
	4H	-2.1	-1.7	-1.8	-1.4	-1.1	-1.1	-0.7	-0.8	-0.4	-0.1
	6H	1.3	1.7	1.7	2.0	2.4	2.6	2.9	3.0	3.3	3.6
	8H	3.2	3.4	3.6	3.8	4.2	4.5	4.8	4.9	5.1	5.5
	12H	5.2	5.4	5.6	5.8	6.2	6.5	6.8	7.0	7.2	7.6
8H	4H	-0.9	-0.6	-0.5	-0.2	0.2	-0.2	0.1	0.3	0.5	0.9
	6H	2.7	2.9	3.2	3.4	3.8	3.7	3.9	4.2	4.3	4.8
	8H	4.7	4.9	5.2	5.3	5.8	5.8	6.0	6.2	6.4	6.9
	12H	6.9	7.0	7.4	7.5	8.0	8.0	8.2	8.5	8.6	9.1
12H	4H	-0.3	-0.1	0.1	0.3	0.7	0.2	0.5	0.6	0.9	1.3
	6H	3.3	3.5	3.7	3.9	4.4	4.1	4.3	4.6	4.7	5.2
	8H	5.3	5.5	5.8	5.9	6.4	6.3	6.4	6.7	6.9	7.4

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 570lm Total Luminous Flux

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