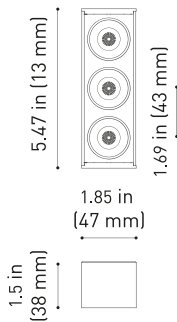


Black Foster Surface Remote

ARKOSLIGHT



DIMENSIONS



PRODUCT

Name	BLACK FOSTER SURFACE REMOTE 3 UL SPOT 3000K WT
Reference	U4803101WT
Color	White-Black
RAL	Colour in the mass looks alike RAL 9016 & 9005
Category	SURFACE

MOUNTING ACCESSORY / DRIVER

Mounting Accessory / Driver	Mandatory, not included. See next page
Model	REMOTE BOX 1.4-17W 700mA
Reference	U100003601

LIGHT SOURCE

Type	LED
Gross luminous flux	630 Lm
Color temperature	3000 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	6.3 W
Current	700 mA
Efficacy	100 Lm/W
LED lifespan	L90B10>102.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	90%
Delivered luminous flux	567 Lm
Light beam angle	19

LIGHTING FIXTURE | ELECTRICAL DATA

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

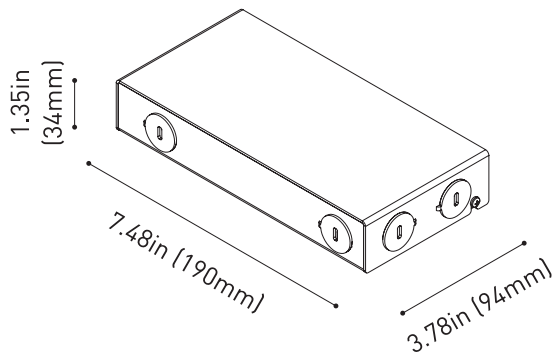
OTHER DATA

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



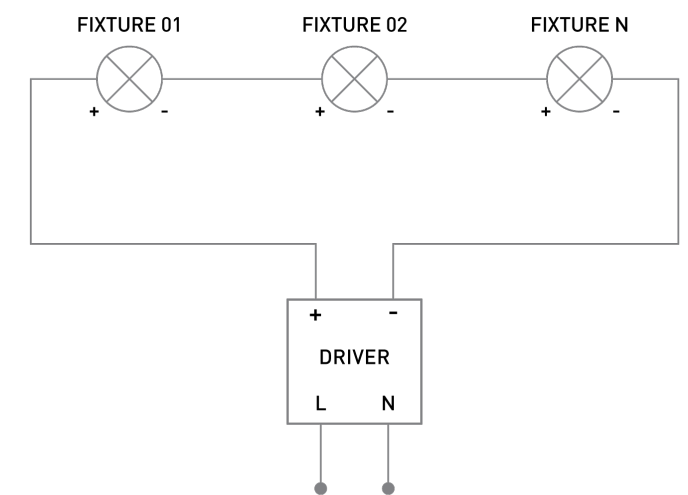
An unostentatious feature in the space. This is how the new Black Foster Surface Remote version reveals its compact and essential lighting fixture. The commitment to the use of a remote driver enables minimising its profile to the extent necessary to integrate its invisible light optical system.

Mandatory / Not Included



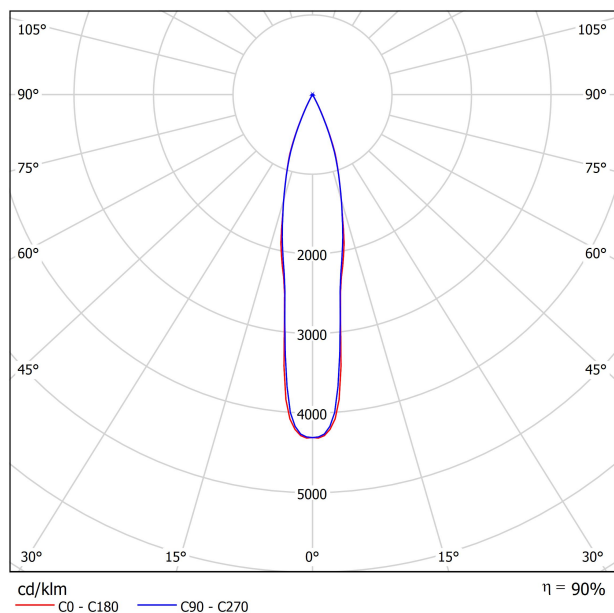
PRODUCT	
Model	REMOTE BOX 1.4-17W 700mA
Driver	Included
Reference	U100003601
IC Rated	Yes
Dimming	0-10V
Size	7.48 x 3.78 x 1.35 in 190 x 94 x 34 mm
Weight	1.9 lb 860 gr
Packaged weight	2.02 lb 865 gr
Packaging dimensions	9.53 x 4.13 x 1.54 in 242 x 105 x 39 mm
Nº Luminaires	1 to 2
LED - Driver Distance	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



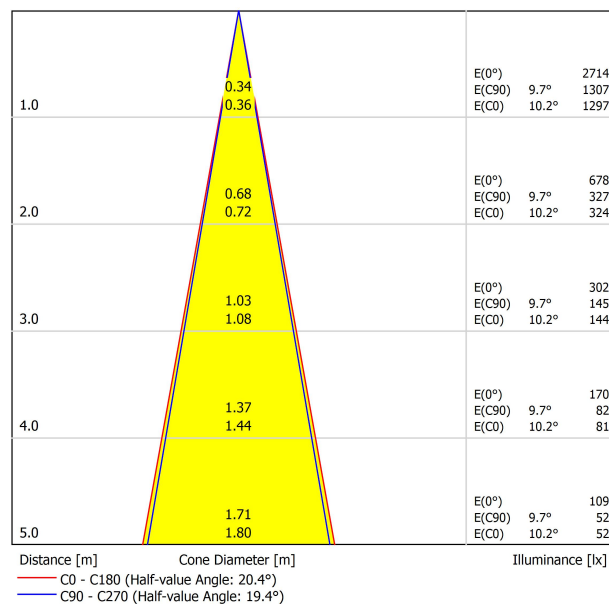


SERIAL CONNECTION FOR SEVERAL FIXTURES TO A SINGLE CONSTANT CURRENT DRIVER
RESPECT THE DISTANCE LED - DRIVER

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
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	5.4	6.1	5.7	6.3	6.5	5.6	6.2	5.8	6.4	6.6
	3H	9.0	9.6	9.3	9.8	10.1	9.1	9.7	9.4	10.0	10.2
	4H	10.9	11.5	11.2	11.7	12.0	11.0	11.6	11.3	11.9	12.1
	6H	13.0	13.5	13.3	13.8	14.1	13.0	13.6	13.4	13.9	14.2
	8H	14.2	14.7	14.5	15.0	15.3	14.3	14.9	14.7	15.1	15.4
	12H	15.6	16.1	15.9	16.4	16.7	15.7	16.2	16.0	16.5	16.8
4H	2H	6.5	7.1	6.8	7.3	7.6	6.6	7.2	6.9	7.4	7.7
	3H	10.3	10.8	10.6	11.1	11.4	10.4	10.9	10.7	11.2	11.5
	4H	12.3	12.8	12.7	13.1	13.4	12.5	12.9	12.9	13.3	13.6
	6H	14.6	15.0	15.0	15.4	15.7	14.7	15.0	15.1	15.4	15.8
	8H	15.9	16.3	16.4	16.7	17.1	16.1	16.4	16.5	16.8	17.2
	12H	17.4	17.7	17.8	18.1	18.5	17.6	17.8	18.0	18.2	18.7
8H	4H	13.2	13.5	13.6	13.9	14.3	13.3	13.6	13.7	14.0	14.4
	6H	15.7	16.0	16.2	16.4	16.8	15.8	16.0	16.2	16.4	16.9
	8H	17.2	17.4	17.7	17.9	18.3	17.3	17.5	17.8	18.0	18.4
	12H	18.9	19.0	19.4	19.5	20.0	19.0	19.2	19.5	19.6	20.1
12H	4H	13.4	13.7	13.9	14.1	14.5	13.5	13.8	14.0	14.2	14.6
	6H	16.1	16.3	16.5	16.7	17.2	16.1	16.3	16.6	16.8	17.2
	8H	17.7	17.8	18.2	18.3	18.8	17.8	17.9	18.2	18.4	18.9
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.2					+0.2 / -0.2				
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3				
S = 2.0H		+0.5 / -0.6					+0.5 / -0.6				
Standard table		---					---				
Correction		---					---				
Summand		---					---				
Corrected Glare Indices referring to 630lm Total Luminous Flux											