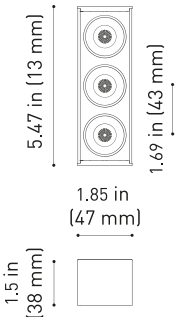
Black Foster Surface Remote

ARKOSLIGHT



Dimensions



	PRODUCT
Name	BLACK FOSTER SURFACE REMOTE 3 UL FLOOD 4000K NT
Reference	U4803002NT
Color	Textured black
RAL	9005
Category	SURFACE

	MOUNTING ACCESSORY / DRIVER
Mounting Accessory / Driver	Mandatory, not included. See Mounting acc. Page
Model	REMOTE BOX 5.6-33W 700mA
Reference	U100003602

	LIGHT SOURCE
Type	LED
Gross luminous flux	750 Lm
Color temperature	4000 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	6.3 W
Current	700 mA
Efficacy	119 Lm/W
LED lifespan	L90B10>102.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	92%
Delivered luminous flux	690 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.

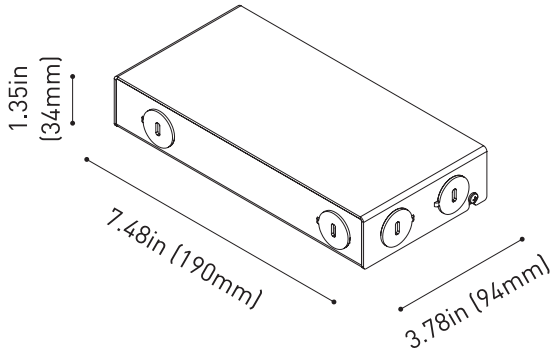
Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5 Year GUARANTEE

Mounting Accessory / Driver

ARKOSLIGHT

Mandatory / Not Included



	PRODUCT
Model	REMOTE BOX 5.6-33W 700mA
Driver	Included
Reference	U100003602
IC Rated	Yes
Dimming	0-10V
Size	7.48 x 3.78 x 1.35 in | 190 x 94 x 34 mm
Weight	1.8 lb | 820 gr
Packaged weight	1.93 lb | 875 gr
Packaging dimensions	9.53 x 4.13 x 1.54 in | 242 x 105 x 39 mm
Nº Luminaires	1 to 4
LED - Driver Distance	Maximum suggested distance is 16 feet

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

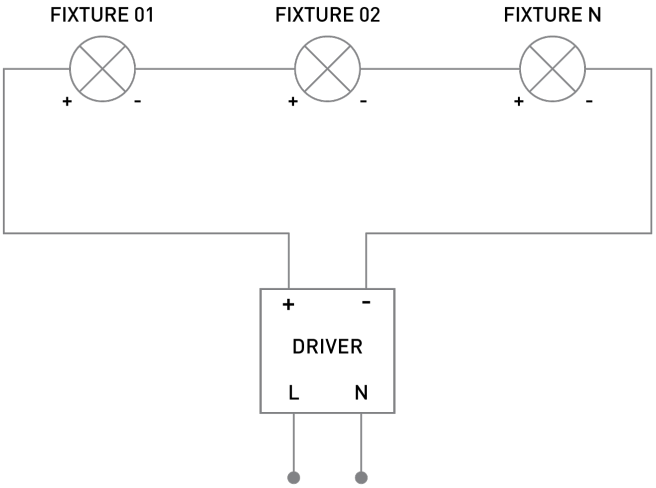
	OUTPUT CHARACTERISTICS
Output Voltage	8 - 47 V
Output Current	700 mA
Output Power	5.6 - 33 W

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5 Year GUARANTEE

Wiring Diagram

ARKOSLIGHT



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

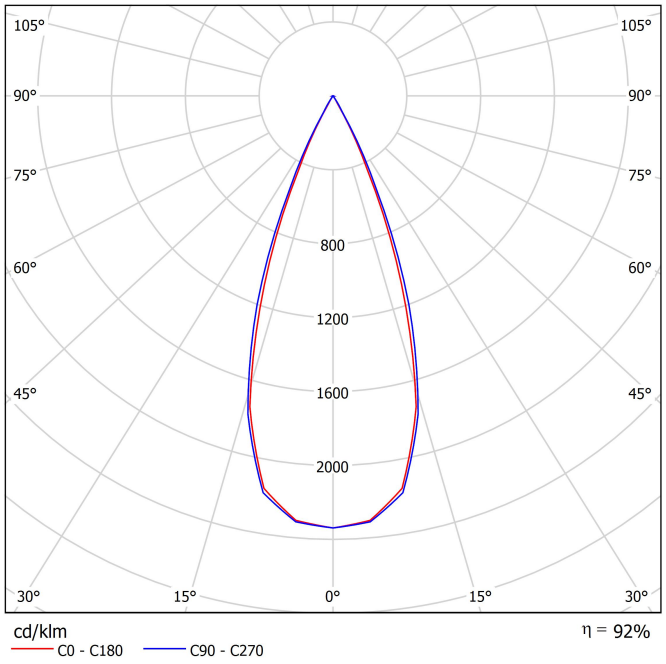
Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5Year GUARANTEE

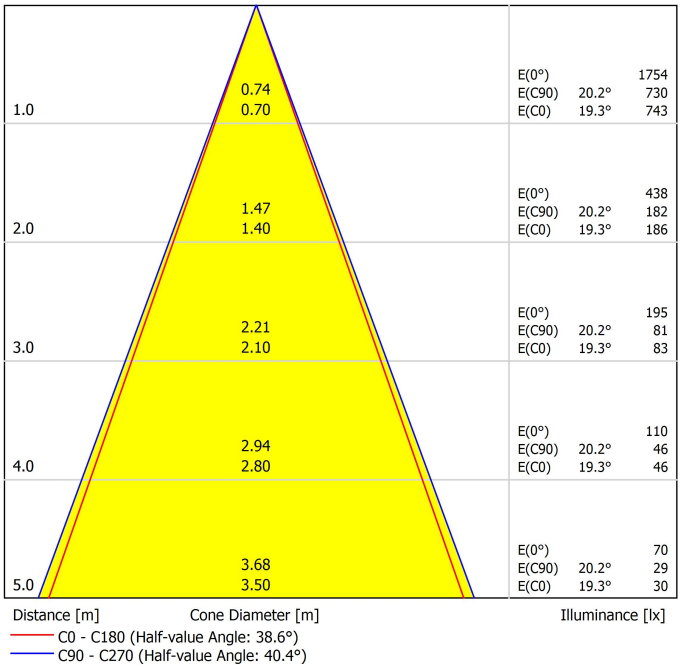
Lighting Technical Data

ARKOSLIGHT

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	-10.7	-10.1	-10.5	-9.9	-9.7	-10.8	-10.2	-10.6	-10.0	-9.8
	3H	-5.8	-5.2	-5.5	-5.0	-4.7	-4.9	-4.3	-4.6	-4.0	-3.8
	4H	-2.8	-2.2	-2.5	-2.0	-1.7	-1.5	-1.0	-1.2	-0.7	-0.5
	6H	0.7	1.2	1.0	1.4	1.7	2.1	2.6	2.4	2.9	3.1
	8H	2.4	2.9	2.8	3.2	3.5	3.9	4.4	4.2	4.7	5.0
	12H	4.3	4.8	4.7	5.1	5.4	5.8	6.3	6.2	6.6	6.9
4H	2H	-9.1	-8.5	-8.8	-8.3	-8.0	-9.1	-8.6	-8.8	-8.3	-8.1
	3H	-4.0	-3.5	-3.7	-3.2	-2.9	-3.3	-2.8	-2.9	-2.5	-2.2
	4H	-1.0	-0.6	-0.6	-0.2	0.1	0.1	0.5	0.4	0.8	1.1
	6H	2.5	2.8	2.9	3.2	3.6	3.8	4.1	4.2	4.4	4.8
	8H	4.4	4.6	4.8	5.0	5.4	5.7	6.0	6.1	6.3	6.7
	12H	6.4	6.6	6.8	7.0	7.4	7.7	8.0	8.1	8.4	8.8
8H	4H	0.3	0.6	0.7	1.0	1.4	1.0	1.3	1.4	1.7	2.1
	6H	3.9	4.1	4.4	4.6	5.0	4.9	5.1	5.3	5.5	6.0
	8H	5.9	6.1	6.4	6.5	7.0	7.0	7.1	7.4	7.6	8.1
	12H	8.1	8.2	8.5	8.7	9.2	9.2	9.4	9.7	9.8	10.3
12H	4H	0.8	1.1	1.3	1.5	1.9	1.4	1.6	1.8	2.0	2.5
	6H	4.5	4.6	4.9	5.1	5.6	5.3	5.5	5.8	5.9	6.4
	8H	6.5	6.7	7.0	7.1	7.6	7.4	7.6	7.9	8.1	8.5

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 750lm Total Luminous Flux

Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia - Valencia (Spain)
info@arkoslight.com - www.arkoslight.com

5 Year GUARANTEE