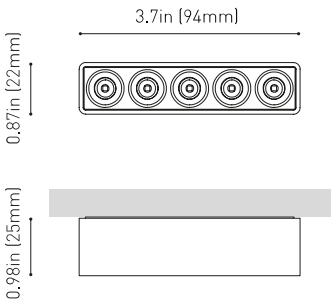
Black Foster Micro Surface

ARKOSLIGHT



Dimensions



	PRODUCT
Name	BLACK FOSTER MICRO SURFACE 5 UL 4000K NT
Reference	U4592002NT
Color	Textured black
RAL	9005
Category	SURFACE

	MOUNTING ACCESSORY / DRIVER
Mounting Accessory / Driver	Mandatory, not included. See Mounting acc. Page
Model	REMOTE BOX 4-23W 500mA
Reference	U1000035

	LIGHT SOURCE
Type	LED
Gross luminous flux	850 Lm
Color temperature	4000 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	7 W
Current	500 mA
Efficacy	121 Lm/W
LED lifespan	L90B10>60.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	87%
Delivered luminous flux	740 Lm
Light beam angle	37°

	LIGHTING FIXTURE | ELECTRICAL DATA
Power values of the system	9.3 W
Voltage	120-277 V
Frequency	50/60 Hz
Dimming	0-10V

	OTHER DATA
IC Rated	Yes
Environmental location	DAMP
Weight	0.16 lb | 75 gr
Packaged weight	0.25 lb | 116 gr
Packaging dimensions	4.8 x 3.34 x 1.22 in | 122 x 85 x 31 mm
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

Black Foster has a very descrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain visual prominence. The downlight retains high levels of shielding, taking lighting comfort to another level as it towards miniaturisation.

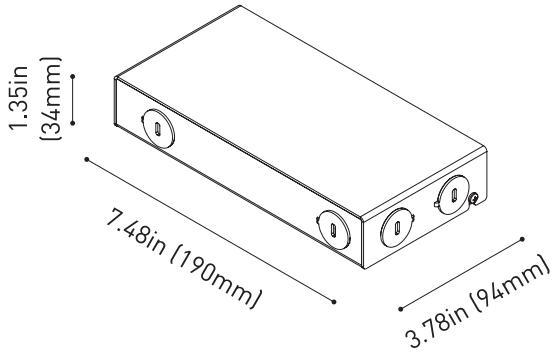
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Mounting Accessory / Driver

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Mandatory / Not Included



	PRODUCT
Model	REMOTE BOX 4-23W 500mA
Driver	Included
Reference	U1000035
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 3
LED - Driver Distance	Maximum suggested distance is 16 feet

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

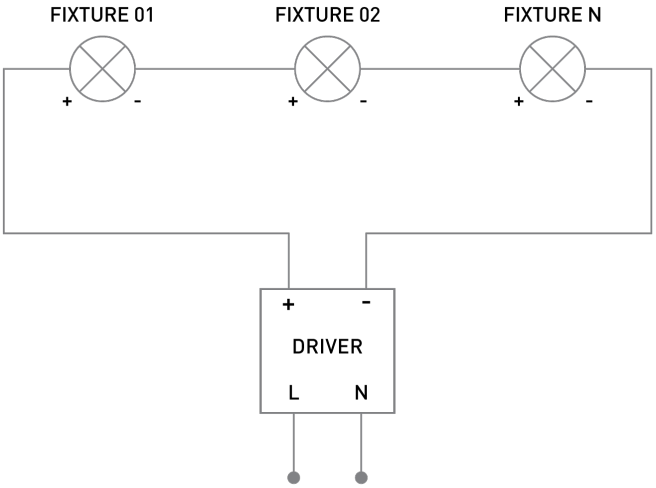
	OUTPUT CHARACTERISTICS
Output Voltage	8 - 46 V
Output Current	500 mA
Output Power	4 - 23 W

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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

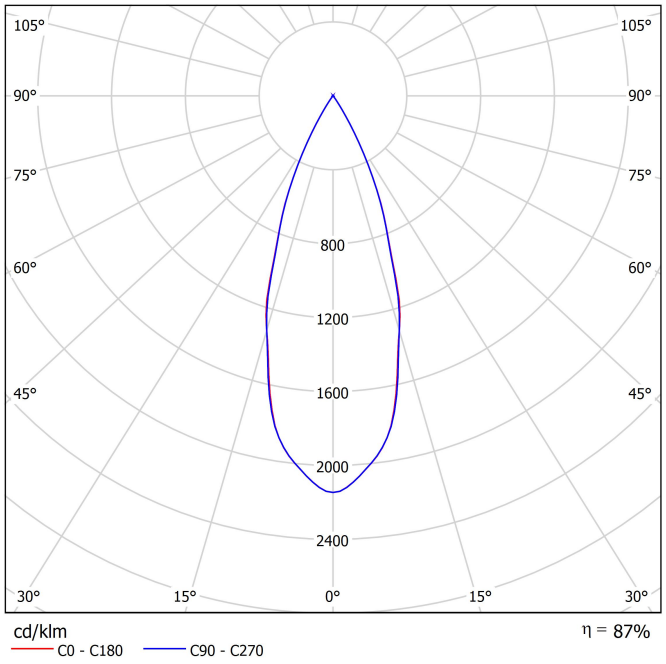
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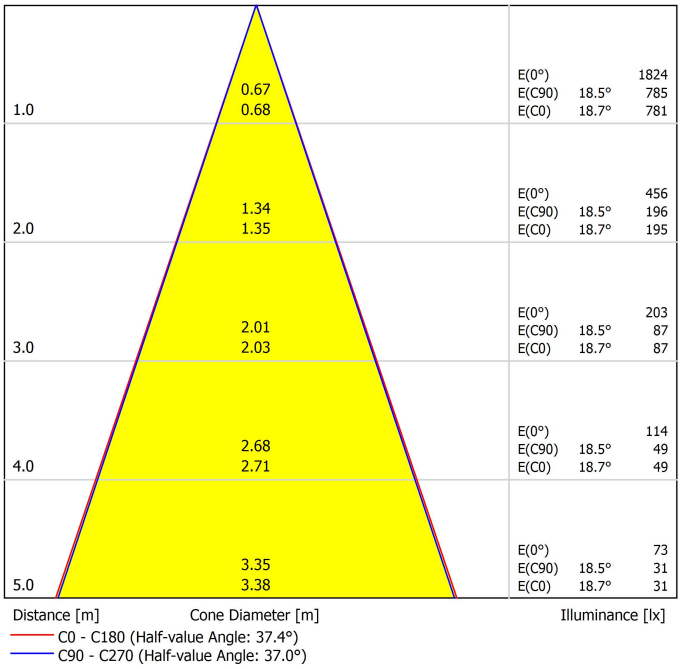
Lighting Technical Data

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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	2.3	2.9	2.5	3.1	3.3	1.9	2.6	2.2	2.8	3.0
	3H	5.6	6.2	5.9	6.4	6.6	5.3	5.9	5.6	6.1	6.4
	4H	7.4	8.0	7.7	8.2	8.5	7.2	7.7	7.5	8.0	8.2
	6H	9.3	9.8	9.6	10.1	10.4	9.3	9.8	9.6	10.1	10.4
	8H	10.6	11.0	10.9	11.3	11.6	10.4	10.9	10.8	11.2	11.5
	12H	11.9	12.4	12.3	12.7	13.0	11.8	12.3	12.2	12.6	12.9
4H	2H	3.2	3.8	3.5	4.0	4.3	3.0	3.6	3.3	3.8	4.1
	3H	6.7	7.2	7.1	7.5	7.8	6.6	7.1	7.0	7.4	7.7
	4H	8.8	9.2	9.1	9.5	9.8	8.6	9.0	8.9	9.3	9.6
	6H	10.9	11.2	11.3	11.6	12.0	10.9	11.2	11.3	11.6	12.0
	8H	12.2	12.5	12.7	12.9	13.3	12.2	12.4	12.6	12.8	13.2
	12H	13.8	14.0	14.2	14.4	14.8	13.7	13.9	14.1	14.3	14.8
8H	4H	9.6	9.9	10.0	10.2	10.6	9.4	9.7	9.8	10.1	10.5
	6H	12.0	12.2	12.5	12.6	13.1	12.0	12.2	12.5	12.6	13.1
	8H	13.5	13.7	14.0	14.1	14.6	13.4	13.6	13.9	14.1	14.5
	12H	15.2	15.4	15.7	15.8	16.3	15.2	15.3	15.7	15.8	16.3
12H	4H	9.8	10.1	10.2	10.5	10.9	9.7	9.9	10.1	10.3	10.7
	6H	12.3	12.5	12.8	13.0	13.4	12.3	12.5	12.8	13.0	13.4
	8H	14.0	14.1	14.4	14.6	15.1	13.9	14.0	14.4	14.5	15.0

Variation of the observer position for the luminaire distances S

S = 1.0H S = 1.5H S = 2.0H	+3.5 / -1.3 +6.0 / -1.6 +8.0 / -1.7	+3.6 / -1.3 +6.0 / -1.6 +8.0 / -1.9
Standard table	---	---
Correction Summand	---	---

Corrected Glare Indices referring to 850lm Total Luminous Flux

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