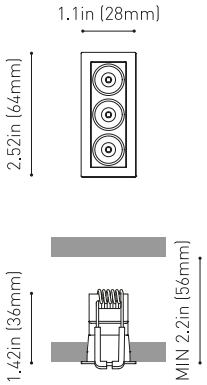
Black Foster Micro

ARKOSLIGHT



Dimensions



	PRODUCT
Name	BLACK FOSTER MICRO RECESSED 3 UL 3500K N
Reference	U4141013N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

	MOUNTING ACCESSORY / DRIVER
Mounting Accessory / Driver	Mandatory, not included. See Mounting acc. Page
Model	REMOTE BOX 2.4-15.3W 300mA
Reference	U1000124

	LIGHT SOURCE
Type	LED
Gross luminous flux	315 Lm
Color temperature	3500 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	2.4 W
Current	300 mA
Efficacy	131 Lm/W
LED lifespan	L90B10>60.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	87%
Delivered luminous flux	274 Lm
Light beam angle	37°

	LIGHTING FIXTURE | ELECTRICAL DATA
Power values of the system	3.9 W
Voltage	120-277 V
Frequency	50/60 Hz
Dimming	0-10V

	OTHER DATA
IC Rated	Yes
Environmental location	DAMP

Black Foster Micro is a feat of engineering which brings the acclaimed "The Invisible Black" effect to a hyper-reduced light. Its tiny size and thin trim offer a "trimless visual" aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro is designed for general or accent lighting and can be used in projects that seek ceiling lighting that plays a minimal role.

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Black Foster Micro

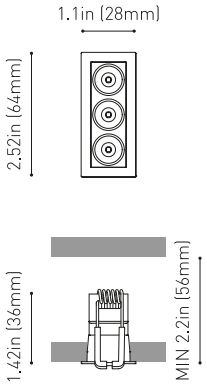
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Recess measurements	0.94 x 2.36 in in | 24 x 60 mm
Weight	0.12 lb | 55 gr
Packaged weight	0.25 lb | 116 gr
Packaging dimensions	6.92 x 2.4 x 1.96 in | 176 x 61 x 50 mm
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

OTHER DATA

Dimensions



Black Foster Micro is a feat of engineering which brings the acclaimed "The Invisible Black" effect to a hyper-reduced light. Its tiny size and thin trim offer a "trimless visual" aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro is designed for general or accent lighting and can be used in projects that seek ceiling lighting that plays a minimal role.

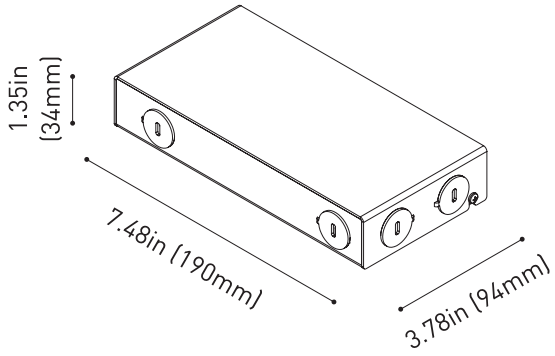
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Mounting Accessory / Driver

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Mandatory / Not Included



	PRODUCT
Model	REMOTE BOX 2.4-15.3W 300mA
Driver	Included
Reference	U1000124
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 6
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 - 51 V
Output Current	300 mA
Output Power	2.4 - 15.3 W

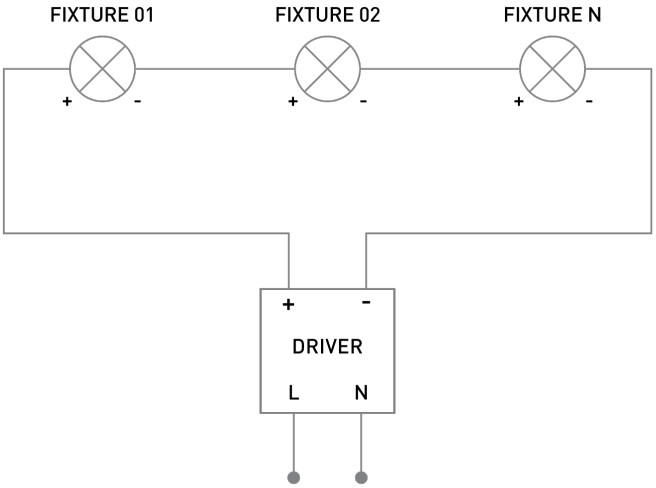
Intertek

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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

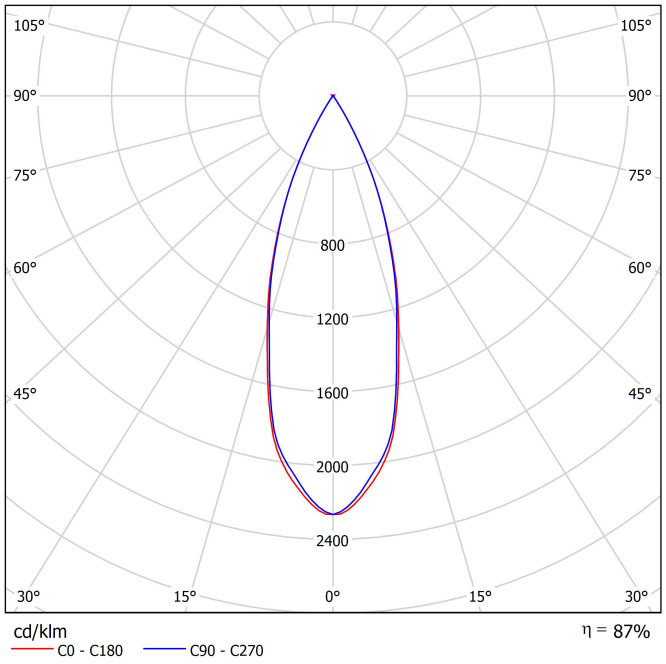
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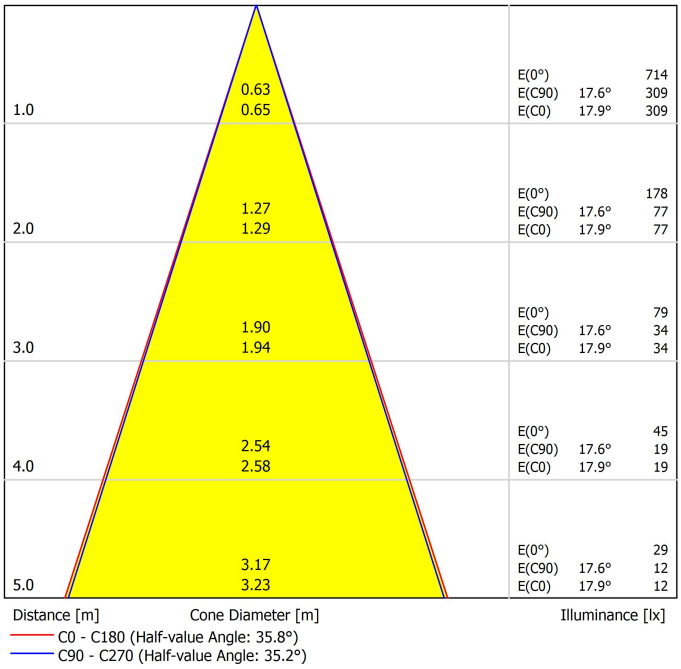
Lighting Technical Data

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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	8.4	9.0	8.6	9.2	9.4	8.2	8.8	8.5	9.0	9.2
	3H	8.3	8.9	8.6	9.1	9.4	8.2	8.8	8.5	9.0	9.2
	4H	8.4	9.0	8.7	9.2	9.5	8.2	8.8	8.5	9.0	9.3
	6H	8.7	9.2	9.0	9.4	9.7	8.4	8.9	8.7	9.1	9.4
	8H	8.8	9.3	9.2	9.6	9.9	8.5	9.0	8.8	9.3	9.6
	12H	9.2	9.6	9.5	9.9	10.2	8.8	9.3	9.2	9.6	9.9
4H	2H	8.2	8.7	8.5	9.0	9.2	8.0	8.6	8.3	8.8	9.1
	3H	8.2	8.7	8.6	9.0	9.3	8.1	8.5	8.4	8.8	9.1
	4H	8.4	8.8	8.7	9.1	9.4	8.2	8.6	8.5	8.9	9.2
	6H	8.8	9.2	9.2	9.5	9.9	8.5	8.8	8.9	9.2	9.6
	8H	9.1	9.4	9.6	9.8	10.2	8.8	9.0	9.2	9.4	9.8
	12H	9.7	9.9	10.1	10.3	10.8	9.3	9.5	9.7	9.9	10.3
8H	4H	8.4	8.7	8.8	9.1	9.5	8.2	8.5	8.6	8.9	9.3
	6H	9.0	9.2	9.5	9.7	10.1	8.7	8.9	9.1	9.3	9.8
	8H	9.5	9.7	10.0	10.1	10.6	9.1	9.3	9.6	9.7	10.2
	12H	10.3	10.4	10.8	10.9	11.4	9.9	10.0	10.4	10.5	11.0
12H	4H	8.4	8.7	8.8	9.1	9.5	8.2	8.5	8.6	8.9	9.3
	6H	9.1	9.3	9.6	9.7	10.2	8.8	8.9	9.2	9.4	9.9
	8H	9.6	9.8	10.1	10.2	10.7	9.3	9.4	9.8	9.9	10.4

Variation of the observer position for the luminaire distances S

S = 1.0H	+4.7 / -2.2	+4.9 / -2.4
S = 1.5H	+7.4 / -2.5	+7.6 / -2.7
S = 2.0H	+9.4 / -2.8	+9.7 / -3.4
Standard table	---	---
Correction Summand	---	---

Corrected Glare Indices referring to 315lm Total Luminous Flux

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