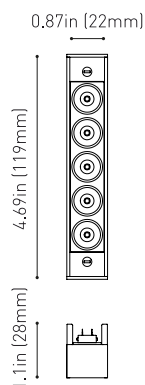


Black Foster Micro 24V

ARKOSLIGHT



DIMENSIONS



Accessories



MINIMAL TRACK OPTIONS

Awards



reddot winner 2020 innovative product



reddot winner 2020 lighting design



Bronze Delta ADI Awards 2020



HONORABLE MENTION



WINNER 2020



archiproducts DESIGN AWARDS WINNER 2020

PRODUCT

Name

BLACK FOSTER MICRO 24V 5 UL 4000K N

Reference

U4152012N

Color

Matt black

RAL

Anodised, bath colour, looks alike RAL 9005

Category

TRACK LIGHTS

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

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

7.6 W

Dimming

Dlm options

OTHER DATA

DRY

Minimal Track

0.18 lb | 80 gr

0.20 lb | 91.1 gr

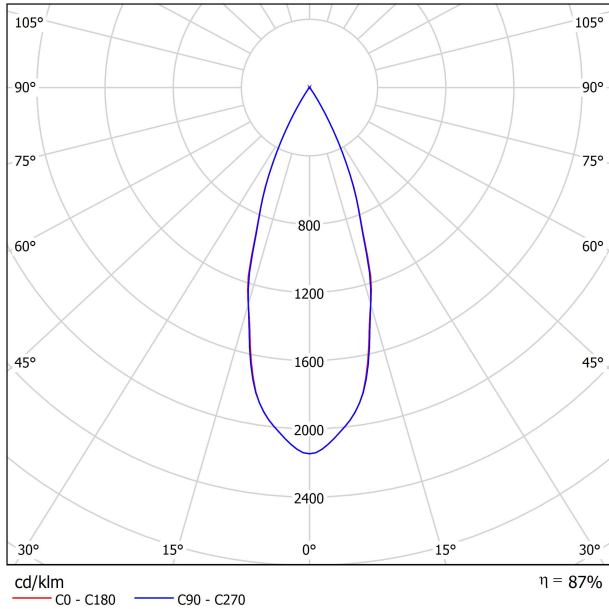
5.28x1.46x1.38 in | 134x37x35 mm

Aluminium / Acrylonitrile Butadiene Styrene

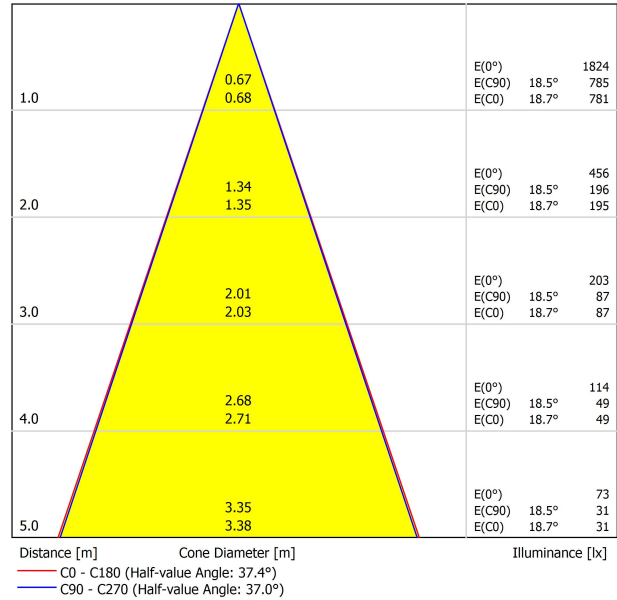


Black Foster Micro 24V for Minimal Track, the most compact downlight with "The Invisible Black" effect. This linear luminaire has an excellent control of the light beam whose rays do not bathe the luminaire and are channelled directly to the exterior without touching the screen. Furthermore, its reduced design enables an absolutely perfect installation of the modules into systems.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR												
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	70	70
ρ Walls	50	30	50	30	30	50	30	50	30	30	50	30
ρ Floor	20	20	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	1.2	1.8	1.4	2.0	2.2	0.9	1.5	1.1	1.7	1.9	1.9
	3H	4.5	5.1	4.8	5.3	5.5	4.3	4.8	4.5	5.1	5.3	5.3
	4H	6.3	6.9	6.6	7.1	7.4	6.1	6.7	6.4	6.9	7.2	7.2
	6H	8.2	8.8	8.6	9.0	9.3	8.2	8.7	8.5	9.0	9.3	9.3
	8H	9.5	10.0	9.8	10.2	10.5	9.4	9.8	9.7	10.1	10.4	10.4
12H	10.8	11.3	11.2	11.6	11.9	10.8	11.2	11.1	11.5	11.8	11.8	
4H	2H	2.2	2.7	2.5	3.0	3.2	1.9	2.5	2.2	2.7	3.0	3.0
	3H	5.6	6.1	6.0	6.4	6.7	5.6	6.0	5.9	6.3	6.6	6.6
	4H	7.7	8.1	8.0	8.4	8.7	7.5	7.9	7.9	8.2	8.6	8.6
	6H	9.8	10.2	10.2	10.5	10.9	9.8	10.1	10.2	10.5	10.9	10.9
	8H	11.2	11.5	11.6	11.8	12.2	11.1	11.4	11.5	11.7	12.1	12.1
12H	12.7	12.9	13.1	13.3	13.7	12.6	12.9	13.0	13.3	13.7	13.7	
8H	4H	8.5	8.8	8.9	9.2	9.6	8.3	8.6	8.8	9.0	9.4	9.4
	6H	10.9	11.1	11.4	11.6	12.0	10.9	11.1	11.4	11.6	12.0	12.0
	8H	12.4	12.6	12.9	13.0	13.5	12.4	12.5	12.8	13.0	13.4	13.4
	12H	14.2	14.3	14.7	14.8	15.3	14.1	14.3	14.6	14.7	15.2	15.2
	12H	4H	8.7	9.0	9.2	9.4	9.8	8.6	8.8	9.0	9.2	9.7
6H	11.3	11.4	11.7	11.9	12.4	11.3	11.4	11.7	11.9	12.4	12.4	
8H	12.9	13.0	13.4	13.5	14.0	12.8	13.0	13.3	13.4	13.9	13.9	
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						
Standard table						---						
Correction						---						
Summand						---						
Corrected Glare Indices referring to 850lm Total Luminous Flux												

Minimal Track

ARKOSLIGHT

Minimal Track is a 24V low-voltage lighting system designed to create minimalist and highly configurable installations. On this page, you'll find the necessary components to configure your surface-mounted system.



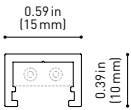
Track & accessories - Surface mounting

Configure the shape of your track, add end caps and the required accessories, and finish the setup with the conductive strip (rubber cable).

MINIMAL TRACK 24V

Profile 2m UL

U384-02-00- | N | WT |

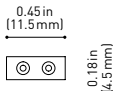


Rubber Cable n x 1m UL

U384-00-01- | N |

n = Total Length of System
1m = 39.37in

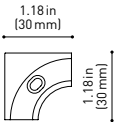
24 V | Max. 4A



Corner 90° 1 Plane UL

U384-00-02- | N | WT |

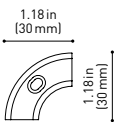
Cable Length = 1.38in (35mm)



Corner 90° 1 Plane Rounded UL

U384-00-03- | N | WT |

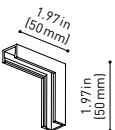
Cable Length = 1.38in (35mm)



Corner 90° 2 Planes UL

U384-00-04- | N | WT |

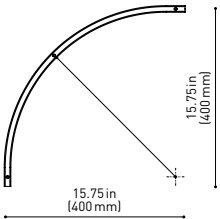
Cable Length = 3.94in (100mm)



Curve 350 1 Plane UL

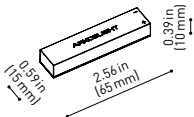
U384-00-09- | N | WT |

Cable Length = 25.59in (650mm)



Connection Box UL

U384-00-06- | N | WT |

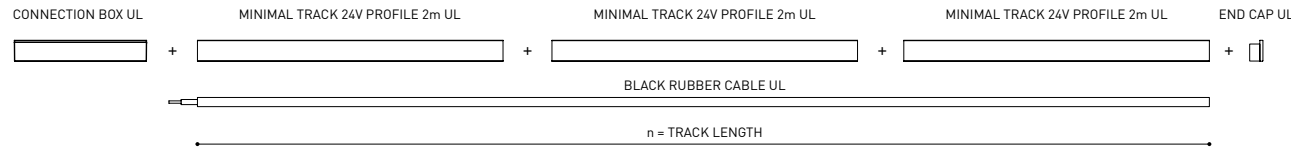


End Cap UL

U384-00-05- | N | WT |



Mounting scheme:



COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 |

INSTALLATION GUIDE
<https://youtu.be/KnedJbKp7oo>



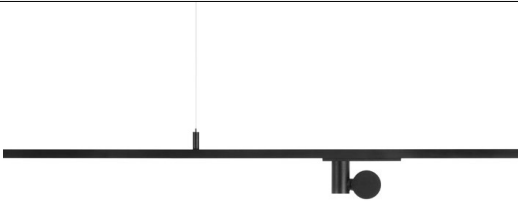
Calle N, s/n - Pol. Ind. El Oliveral
46394 Ribarroja del Turia-Valencia (Spain)
info@arkoslight.com - www.arkoslight.com



Minimal Track

ARKOSLIGHT

Minimal Track is a 24V low-voltage lighting system designed to create minimalist and highly configurable installations. On this page, you'll find the necessary components to configure your suspension-mounted system.



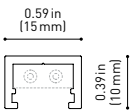
Track & accessories - Suspension mounting

Configure the shape of your track, add end caps and the required accessories, and finish the setup with the conductive strip (rubber cable).

MINIMAL TRACK 24V Suspension UL

Profile 2m UL

U384-02-00- | N | WT |

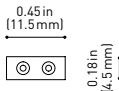


Rubber Cable n x 1m UL

U400-00-01- | N |

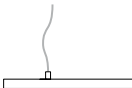
n = Total Length of System
1m = 39.37in

24V | Max. 4A



Profile 2m Initial feed kit UL

U400-02-10- | N | WT |



Suspension Straight Joiner UL

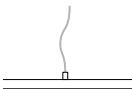
U400-00-02- | N | WT |



Profile 2m Middle feed kit UL*

U400-02-20- | N | WT |

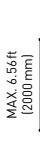
* Unidirectional Middle Feed
2m = 78.74in



Suspension Kit UL

U400-02-04- | N | WT |

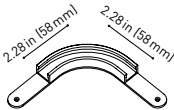
Max distance between suspension kits = 100 cm.



Suspension Corner 90° UL

U400-00-03- | N | WT |

Cable Length = 3.35in (85mm)



Suspension End Caps UL

U400-00-05- | N | WT |

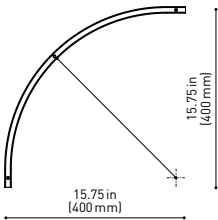
Two End Caps Included



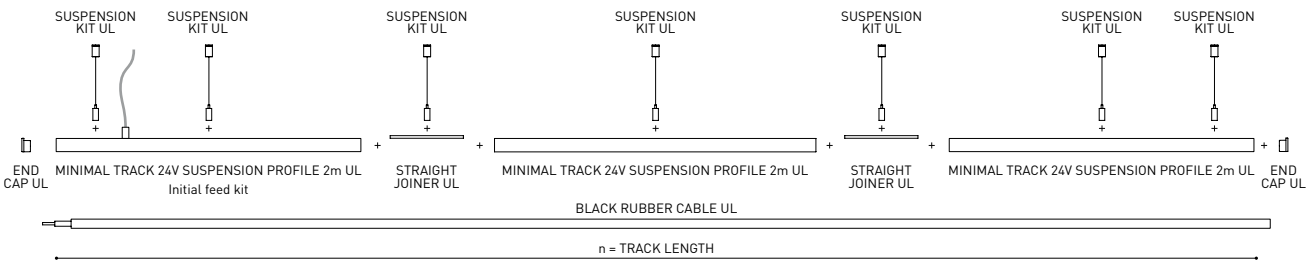
Curve 350 1 Plane UL

U384-00-09- | N | WT |

Cable Length = 25.59in (650mm)



Mounting scheme:



COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 |

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



Minimal Track

ARKOSLIGHT

Power Supply

Select your power supply, include a dimmer if needed, and explore the connection diagrams provided.

		P	V	D (A x B x C)
MINIMAL TRACK 24V Remote Power Supply UL	U384-00-07	100W	24V	8.16 x 2.97 x 1.30 in
				207.2 x 75.4 x 33 mm

120 & 277 V | 50/60 Hz | NO DIM

		P	V	D (A x B x C)
MINIMAL TRACK 24V Dimmable Power Supply UL*	U010-00-01	60W	24V	5.83 x 1.68 x 1 in
				148.2 x 42.6 x 25.4 mm
	U010-00-02	100W	24V	9.5 x 1.57 x 1 in
				241.3 x 39.9 x 25.4 mm

120 & 277 V | 50/60 Hz | 0-10 V

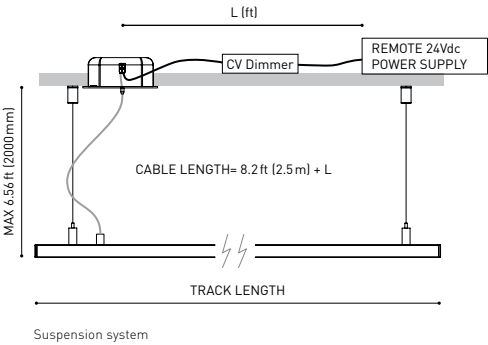
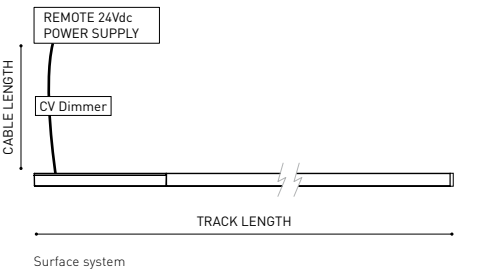
*Power Supply requires an enclosure for instalation. Enclosure not provided

		P	V	D (A x B x C)
MINIMAL TRACK 24V Constant Voltage Dimmer	U010-00-00	144W	24V	2.86 x 1.18 x 0.71 in
				72.6 x 30 x 18 mm

24 V | CASAMBI

Phase Cut and DMX DIM Options please consult

Connection diagrams:



UL DROP VOLTAGE TABLE		CABLE LENGTH			
		<16.40 ft <5 m	<32.80 ft <10 m	<65.62 ft <20 m	<98.43 ft <30 m
POWER	CABLE SECTION	TRACK LENGTH			
		98.43 ft 30 m	98.43 ft 30 m	65.62 ft 20 m	32.80 ft 10 m
60 W	AWG18	98.43 ft 30 m	98.43 ft 30 m	65.62 ft 20 m	32.80 ft 10 m
	AWG16	98.43 ft 30 m	98.43 ft 30 m	98.43 ft 30 m	65.62 ft 20 m
96 W	AWG18	65.62 ft 20 m	32.80 ft 10 m	X	X
	AWG16	65.62 ft 20 m	65.62 ft 20 m	32.80 ft 10 m	X