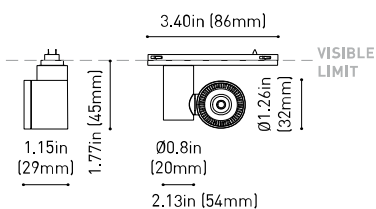




DIMENSIONS



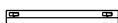
ACCESORIES



BEAM MIXER DIFFUSER



ANTI-GLARE HONEYCOMB LOUVER



MINIMAL TRACK OPTIONS

AWARDS



reddot winner 2020  
innovative product



reddot winner 2020  
lighting design



Bronze Delta  
ADI Awards 2020



WINNER  
2020



archiproducts  
DESIGN AWARDS  
WINNER 2020

PRODUCT

Name	IO MICRO 24V UL 20° 4000K NT
Reference	U3870012NT
Color	Textured black
Category	TRACKLIGHTS

LIGHT SOURCE

Type	LED
Gross luminous flux	570 Lm
Color temperature	4000 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	4.7 W
Current	400 mA
Efficacy	121 Lm/W
LED lifespan	L80B10 >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	88%
Delivered luminous flux	502 Lm
Light beam angle	20°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included
Power values of the system	5,00 W
Dimming	No Dim

OTHER DATA

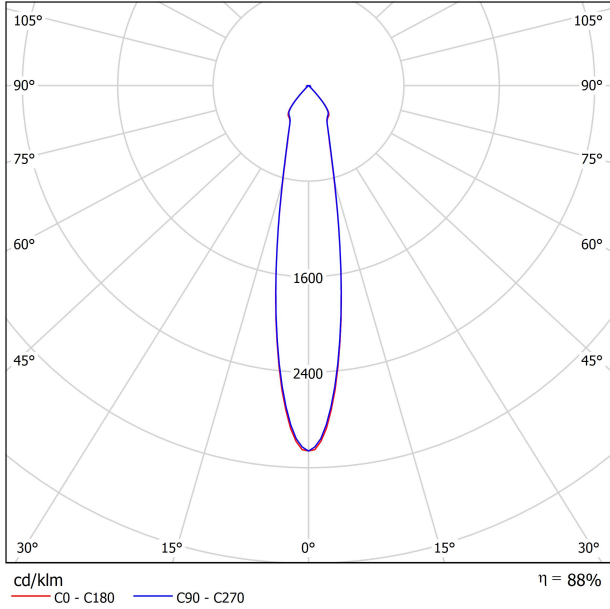
Environmental location	DRY
Track type	Minimal Track
Weight	0.13 lb   60 gr
Packaged weight	0.22 lb   100 gr
Packaging dimensions	4.45x3.03x1.5 in   113x77x38 mm
Materials	Aluminium / Polycarbonate



\*\*US product only. Not available in Canada. iO Micro 24V is a LED spotlight miniaturised in a fixture that is so small that it fits on the palm of your hand. Designed for accent lighting applications, its small dimensions mean it can be fitted in display cabinets, shop windows and small places without generating an invasive presence on the scene. Created to be placed on a track, it offers all the features of concentrated LED spotlights with a minimalist and hyper-reduced design.



POLAR DIAGRAM



CONICAL DIAGRAM

1.0	0.36 0.36	E(0°) 1744 E(C90) 10.1° 840 E(C0) 10.2° 832
2.0	0.71 0.72	E(0°) 436 E(C90) 10.1° 210 E(C0) 10.2° 208
3.0	1.07 1.08	E(0°) 194 E(C90) 10.1° 93 E(C0) 10.2° 92
4.0	1.43 1.44	E(0°) 109 E(C90) 10.1° 52 E(C0) 10.2° 52
5.0	1.78 1.80	E(0°) 70 E(C90) 10.1° 34 E(C0) 10.2° 33

Distance [m]      Cone Diameter [m]      Illuminance [lx]

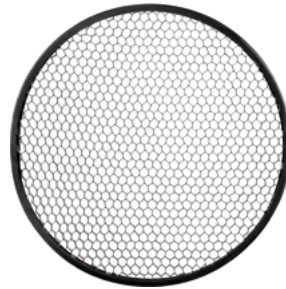
— C0 - C180 (Half-value Angle: 20.4°)  
— C90 - C270 (Half-value Angle: 20.2°)



	PRODUCT
Model	Beam Mixer Diffuser
Reference	A387-00-00
Category	Accessories
	NOT SOLD SEPARATELY AFFECTS THE LIGHTING PARAMETERS

The Beam Mixer Diffuser is used to smooth beam artifacts caused by parabolic, Fresnel, or TIR lens collimators without significant broadening.

The unique mixing design provides superior far-field smoothing and color mixing with high on-axis brightness. Compared with traditional diffusers, it maintains higher central beam candlepower (CBCP), and produce less undesirable "field light" at higher angles.



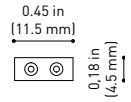
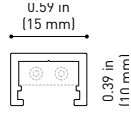
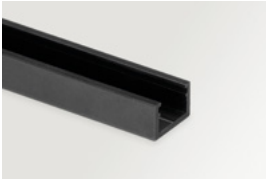
PRODUCT	
Model	Anti-glare Honeycomb Louver
Reference	A387-00-01   WT   NT
Category	Accessories
NOT SOLD SEPARATELY	
AFFECTS THE LIGHTING PARAMETERS	



Accessory made up of louver in the shape of a honeycomb panel to reduce glare and the effects of direct rays of vision.

24V SYSTEM

# MINIMAL TRACK



**MINIMAL TRACK 24V Profile 2m UL** U384-02-00- | N |

2m = 78.74in

**MINIMAL TRACK 24V Rubber Cable n x 1m UL** U384-00-01- | N |

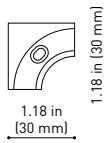
n = Total Length of System  
1m = 39.37in

24V | Max. 4A

**MINIMAL TRACK 24V Corner 90° 1 Plane UL**

U384-00-02- | N |

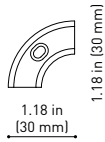
Cable Length = 1.38in (35mm)



**MINIMAL TRACK 24V Corner 90° 1 Plane Rounded UL**

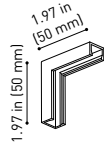
U384-00-03- | N |

Cable Length = 1.38in (35mm)



**MINIMAL TRACK 24V Corner 90° 2 Planes UL**

Cable Length = 3.94in (100mm)



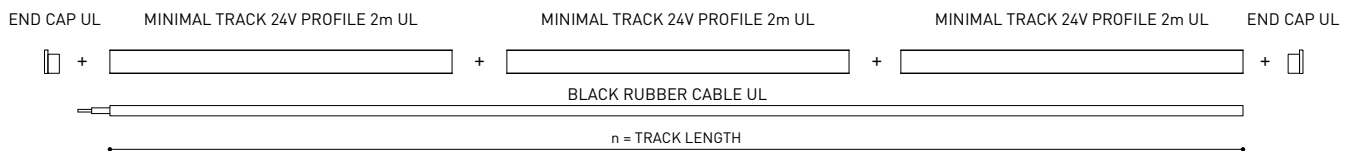
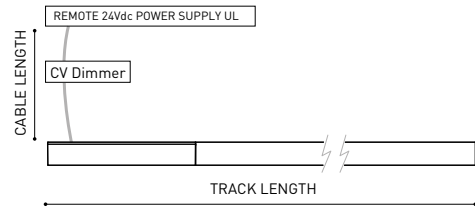
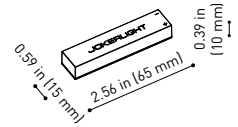
**MINIMAL TRACK 24V End Cap UL**

U384-00-05- | N |



**MINIMAL TRACK 24V Connection Box UL**

U384-00-06- | N |



COLOUR | N ■ |

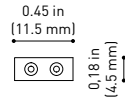
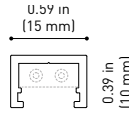
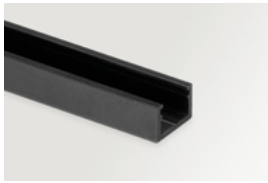
DIM OPTIONS PLEASE CONSULT

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



24V SYSTEM

# MINIMAL TRACK SUSPENSION



**MINIMAL TRACK 24V Suspension UL**

**Profile 2m**

U384-02-00- | N |

**Profile 2m Initial feed kit UL**

U400-02-10- | N |

**Profile 2m Middle feed kit UL\***

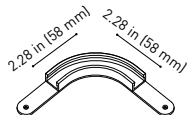
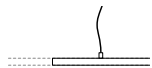
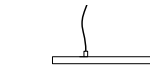
U400-02-20- | N |

\* Unidirectional Middle Feed  
2m = 78.74in

**MINIMAL TRACK 24V Suspension Corner 90° UL**

U400-00-03- | N |

Cable Length = 3.35in (85mm)



**MINIMAL TRACK 24V Suspension UL**

**Rubber Cable n x 1m UL**

U400-00-01- | N |

n = Total Length of System  
1m = 39.37in

24V | Max. 4A

**MINIMAL TRACK 24V Suspension Straight Joiner UL**

U400-00-02- | N |

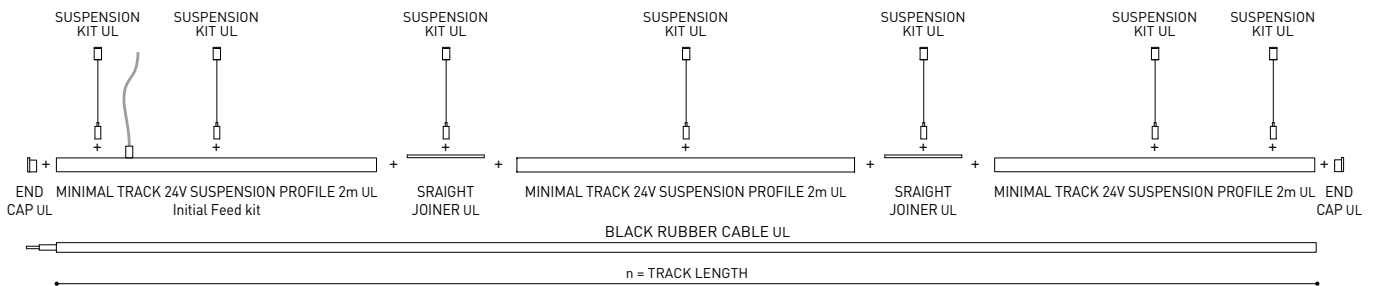
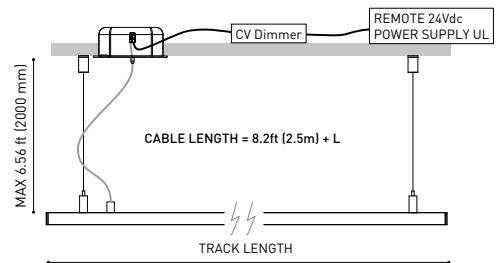
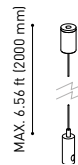
**MINIMAL TRACK 24V Suspension Kit UL**

U400-02-04- | N |

**MINIMAL TRACK 24V Suspension End Caps UL**

U400-00-05- | N |

Two End Caps Included



COLOUR | N ■ |

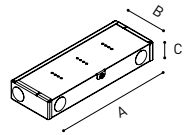
DIM OPTIONS PLEASE CONSULT

24V SYSTEM

MINIMAL TRACK SURFACE & SUSPENSION

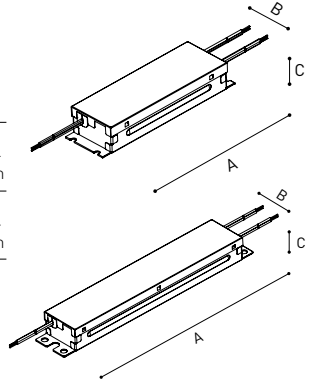
	P	V	D (A x B x C)	
<b>MINIMAL TRACK 24V Remote Power Supply UL</b>	<b>U384-00-07</b>	100W	24V	8.16 x 2.97 x 1.30 in 207.2 x 75.4 x 33 mm

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



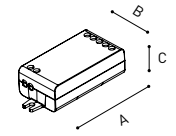
	P	V	D (A x B x C)	
<b>MINIMAL TRACK 24V Dimmable Power Supply UL*</b>	<b>U010-00-01</b>	60W	24V	5.83 x 1.68 x 1 in 148.2 x 42.6 x 25.4 mm
	<b>U010-00-02</b>	100W	24V	9.5 x 1.57 x 1 in 241.3 x 39.9 x 25.4 mm

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



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

24 V | CASAMBI



UL DROP VOLTAGE TABLE

POWER	CABLE SECTION	CABLE LENGTH			
		<16.40 ft <5 m	<32.80 ft <10 m	<65.62 ft <20 m	<98.43 ft <30 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

PHASE CUT AND DMX DIM OPTIONS PLEASE CONSLT | \*POWER SUPPLY REQUIRES AN ENCLOSURE FOR INSTALLATION. ENCLOSURE NOT PROVIDED