iO MICRO 24V

JOKERLIGHT®

PRODUCT

Name	IO MICRO 24V UL 40º 2700K NT
Reference	U3870020NT
Color	Textured black
Category	TRACKLIGHTS

LIGHT SOURCE

Type	LED
Gross luminous flux	500 Lm
Color temperature	2700 K
Chromatic stability	MacAdam Step 3
Color Rendering Index	CRI>90
Power	4.7 W
Current	400 mA
Efficacy	106 Lm/W
LED lifespan	L80B10 >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	86%
Light beam angle	40°

LIGHTING FIXTURE | ELECTRICAL DATA

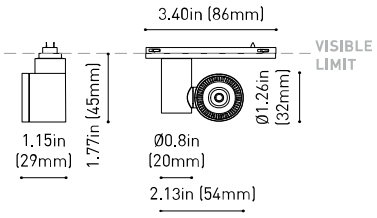
Driver	Included
Power values of the system	5,00 W
Dimming	No Dim

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
Units per package	1
Materials	Aluminium / Polycarbonate

Intertek

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

HONORABLE MENTION EUROPEAN PRODUCT DESIGN AWARD

FX DESIGN AWARDS INTERNATIONAL WINNER 2020

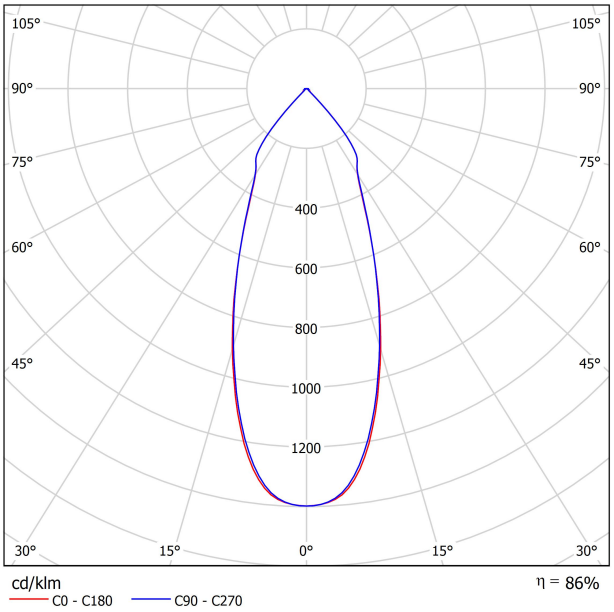
archiproducts DESIGN AWARDS WINNER 2020

**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.

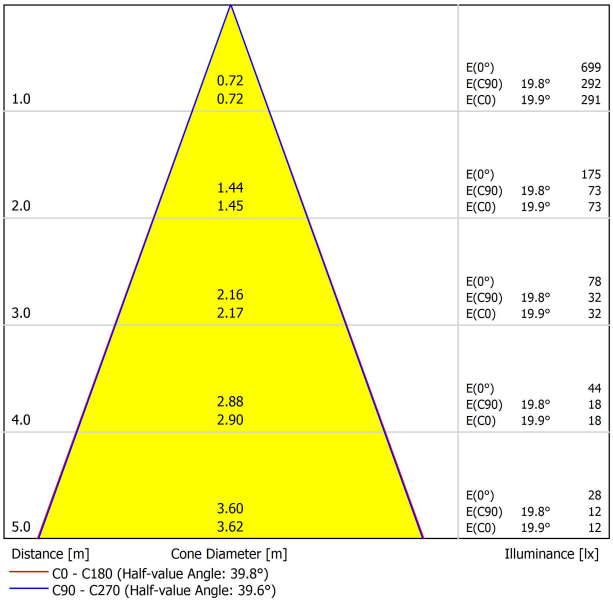
JOKERLIGHT LLC
2750 NW 84th Ave · Doral · FL 33122 (USA)
info@jokerlight.com · www.jokerlight.com

5 Year WARRANTY*

POLAR DIAGRAM



CONICAL DIAGRAM



BEAM MIXER DIFFUSER

JOKERLIGHT®

	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.

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ANTI-GLARE HONEYCOMB LOUVER

JOKERLIGHT®

	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.

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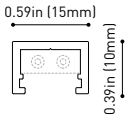
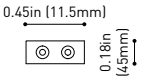
24V SYSTEM

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 |

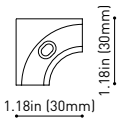
n = Total Lenght of System
1m = 39.37in

24 V | Max. 4A

MINIMAL TRACK 24V Corner 90º 1 Plane UL

U384-00-02- | N |

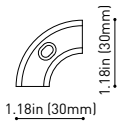
Cable Lenght = 1.38in (35mm)



MINIMAL TRACK 24V Corner 90º 1 Plane Rounded UL

U384-00-03- | N |

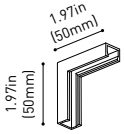
Cable Lenght = 1.38in (35mm)



MINIMAL TRACK 24V Corner 90º 2 PLanes UL

U384-00-04- | N |

Cable Lenght = 3.94in (100mm)

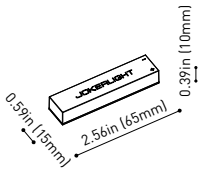


MINIMAL TRACK 24V End Cap UL

U384-00-05- | N |

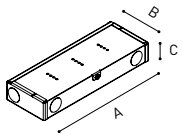
MINIMAL TRACK 24V Connection Box UL

U384-00-06- | N |



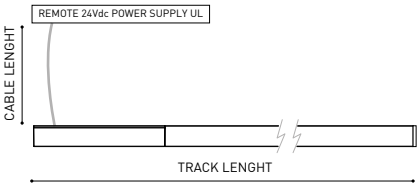
		P	V	D (A x B x C)
MINIMAL TRACK 24V Remote Power Supply UL	U384-00-07	100W	24V	8.16 x 2.97 x 1.30in 207.2 x 75.4 x 33mm

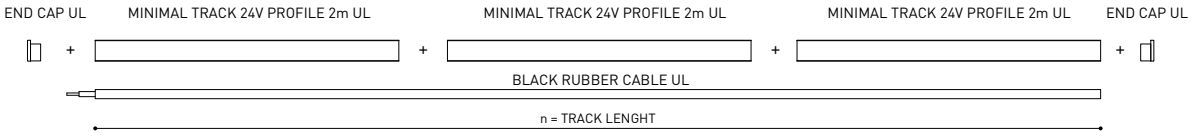
120 & 277 V | 50/60 Hz



UL DROP VOLTAGE TABLE

		CABLE LENGHT		
		<16.40ft <5m	<32.80ft <10m	<65.62ft <20m
POWER	CABLE SECTION	TRACK LENGHT		
96W	AWG18	65.62ft 20m	32.81ft 10m	X
	AWG16	65.62ft 20m	65.62ft 20m	32.81ft 10m





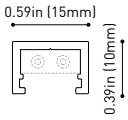
COLOUR | N ■ |

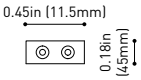
INSTALLATION GUIDE
https://youtu.be/AqTlsTcSoGA

DIM OPTIONS PLEASE CONSULT

24V SYSTEM

MINIMAL TRACK SUSPENSION





MINIMAL TRACK 24V Suspension UL

Profile 2m

U384-02-00- | N |

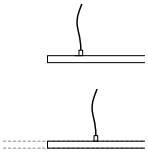
Profile 2m Initial feed kit UL

U400-02-10- | N |

Profile 2m Middle feed kit UL*

U400-02-20- | N |

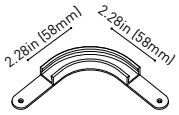
* Unidirectional Middle Feed
2m = 78.74in



MINIMAL TRACK 24V Suspension Corner 90º UL

U400-00-03- | N |

Cable Lenght = 3.35in (85mm)



MINIMAL TRACK 24V Suspension UL

Rubber Cable n x 1m UL — U400-00-01- | N |

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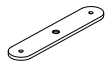
24 V | Max. 4A

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

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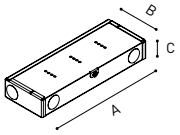

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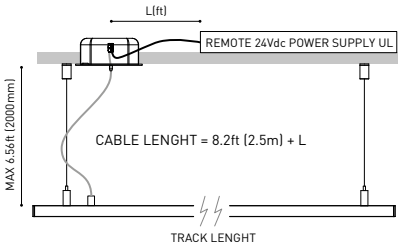

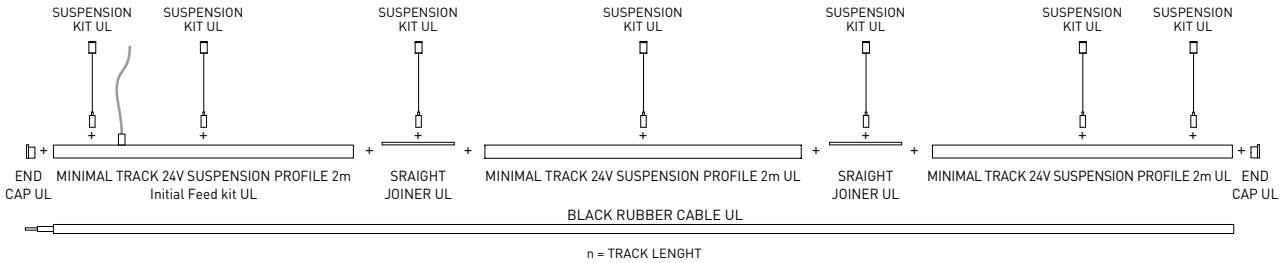

COLOUR | N ■ |

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