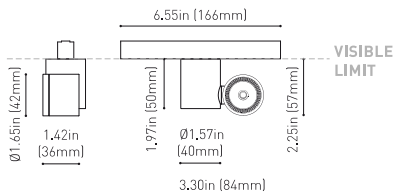




### DIMENSIONS



### ACCESORIES



BEAM MIXER DIFFUSER



ANTI-GLARE HONEYCOMB LOUVER



TRACK 48V OPTIONS

### AWARDS

Silver Delta  
ADI Awards  
2016DESIGN  
AWARD  
2017PREMIO  
ADCV 2017  
OROGOOD  
DESIGN

Name	IO 48V SHORT UL DIM DALI 20° 3000K NTW
Reference	U3480211NTW-S
Color	Textured black - White track
Category	TRACKLIGHTS

### LIGHT SOURCE

Type	LED
Gross luminous flux	505 Lm
Color temperature	3000 K
Chromatic stability	MacAdam Step 2
Color Rendering Index	CRI>90
Power	4.5 W
Current	500 mA
Efficacy	112 Lm/W
LED lifespan	L90B10>55.000h

### LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	92%
Delivered luminous flux	465 Lm
Light beam angle	20°

### LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included
Power values of the system	5,00 W
Dimming	DALI

### OTHER DATA

Environmental location	DAMP
Swivel angle	325°
Rotation angle	355°
Track type	Track 48V
Weight	0.34 lb   155 gr
Packaged weight	0.49 lb   225 gr
Packaging dimensions	7.40x6.49x2.08 in   188x165x53 mm
Materials	Aluminium - Polycarbonate



iO 48V 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





	PRODUCT
Model	Beam Mixer Diffuser
Reference	0805-01-00
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.



	<b>PRODUCT</b>
<b>Model</b>	Anti-glare Honeycomb Louver
<b>Reference</b>	0806-00-00   WT   NT
<b>Colour</b>	<b>WT</b> <input type="checkbox"/> Textured white   <b>NT</b> <input type="checkbox"/> Textured black
<b>Category</b>	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.



TRACK 48V TRIMLESS UL

TRACK 48V TRIMLESS 3.28ft (1m) UL	U338-01-00-	N	WT
TRACK 48V TRIMLESS 6.56ft (2m) UL	U338-02-00-	N	WT
TRACK 48V TRIMLESS Corner 90° One Plane UL	U338-06-00-	N	WT
TRACK 48V TRIMLESS Corner 90° Two Planes UL	U338-07-00-	N	WT

PLASTERBOARD CEILING MANDATORY THICKNESS 0.50in (12.5mm)  
RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING

TRACK 48V TRIMLESS  
Corner 90° One Plane UL



\*Electrical connection not included

TRACK 48V TRIMLESS  
Corner 90° Two Planes UL



\*Electrical connection not included

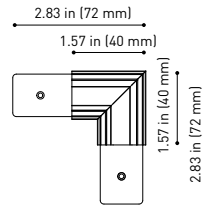
TRIMLESS INSTALLATION GUIDE  
<https://youtu.be/SVWNEfblfVY>



TRACK 48V SURFACE UL

TRACK 48V SURFACE 3.28ft (1m) UL	U338-11-00-	NT	WT
TRACK 48V SURFACE 6.56ft (2m) UL	U338-12-00-	NT	WT
TRACK 48V SURFACE Corner 90° One Plane UL	U338-14-00-	NT	WT

TRACK 48V SURFACE  
Corner 90° One Plane UL



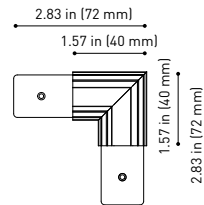
\*Electrical connection not included



TRACK 48V SURFACE SHORT UL

TRACK 48V SURFACE SHORT 3.28ft (1m) UL	U338-21-00-	NT	WT
TRACK 48V SURFACE SHORT 6.56ft (2m) UL	U338-22-00-	NT	WT
TRACK 48V SURFACE SHORT Corner 90° One Plane UL	U338-24-00-	NT	WT

TRACK 48V SURFACE SHORT  
Corner 90° One Plane UL



\*Electrical connection not included



		P	V	D
<b>CONSTANT VOLTAGE LED POWER SUPPLY</b>	<b>U100-00-78</b>	96W	48V	8.16 x 2.97 x 1.30 in 207 x 75.4 x 33 mm

120 & 277 V | 50/60 Hz

UL DROP VOLTAGE TABLE

POWER	CABLE SECTION	CABLE LENGTH			
		16.40ft 5m	32.80ft 10m	65.62ft 20m	98.43ft 30m
96W	AWG 16	164ft	164ft	131.32ft	82ft
		50m	50m	40m	25m

ALL 48V TRACK UL



**Live-End Connector 48V UL**  
U338-00-01- | N | W |



**L-JOINT Connector 48V UL**  
U338-00-12- | N | W |



**Corner 90° Connector One Plane 48V UL**  
U338-00-24- | N | W |

\*Not suitable for trimless version



**Central Connector 48V UL**  
U338-00-02- | N | W |



**Wireless Control 48V UL**  
U434-01-31- | N | W |  
Casambi/AAG Stucchi App



**Cover Gap 3,28 ft (1m) 48V UL**  
U338-00-30- | N |

TRIMLESS 48V UL



**Trimless T-Bracket 48V UL**  
U338-00-03



**Clamp for M6 ROD UL**  
U338-00-09  
\*See accessories quantities



**Trimless Long T-Bracket 48V UL**  
U338-00-04



**Track Clamp UL**  
U338-00-10  
\*See accessories quantities



**Trimless Straight Joiners 48V (2 units) UL**  
U338-00-05- | N | WT |



**Suspension Kit UL**  
U338-00-08  
\*See accessories quantities



**Trimless Plaster Installation Guard 3.28ft (1m) 48V UL**  
U338-00-21

**\* SUGGESTED MOUNTING ACCESSORIES QUANTITIES**  
3.28ft (1000mm) - 2 Pcs.  
6.56ft (2000mm) - 3 Pcs.  
9.84ft (3000mm) - 4 Pcs.

SURFACE, SUSPENSION , SURFACE SHORT & SUSPENSION SHORT 48V UL



**Surface Straight Joiner 48V UL**  
U338-00-11

TRIMLESS, SURFACE & SUSPENSION 48V UL



End 48V UL

U338-00-06- | NT | WT |



End feed 48V UL

U338-00-07- | NT | WT |

SURFACE SHORT & SUSPENSION SHORT 48V UL



Short End 48V UL

U338-00-18- | NT | WT |



Short End feed 48V UL

U338-00-19- | NT | WT |

SUSPENSION & SUSPENSION SHORT 48V UL



Suspension Kit 48V [2 units] UL

U338-00-15- | NT | WT |



Suspension feed Kit 48V UL

U338-00-17- | N | W |



\*For remote power supply