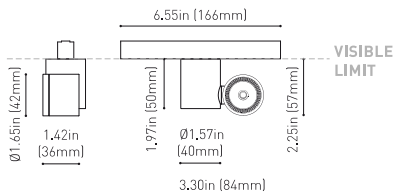




### DIMENSIONS



### ACCESORIES



BEAM MIXER DIFFUSER



ANTI-GLARE HONEYCOMB LOUVER



TRACK 48V OPTIONS

### AWARDS



Silver Delta  
ADI Awards  
2016



DESIGN  
AWARD  
2017



PREMIO  
ADCV 2017  
ORO



GOOD  
DESIGN

### PRODUCT

|           |                                       |
|-----------|---------------------------------------|
| Name      | IO 48V SHORT UL DIM DALI 56° 3000K WT |
| Reference | U3480231WT-S                          |
| Color     | Textured white                        |
| 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     | 86%    |
| Delivered luminous flux | 434 Lm |
| Light beam angle        | 56°    |

### 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         |

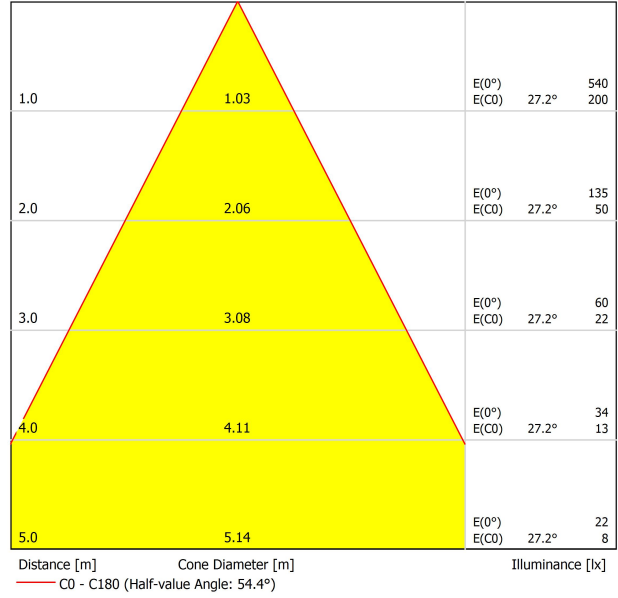


iO 48V is an LED spotlight that fits in the palm of your hand. Designed to be used with our track, it offers all the features of the best spotlights, but with minimal and hyper-reduced size.

POLAR DIAGRAM



CONICAL DIAGRAM





|           | PRODUCT  |
|-----------|--|
| Model     | Beam Mixer Diffuser                                    |
| Reference | 0805-01-00   |
| Category  | Accessories  |
|           | NOT SOLD SEPARATELY<br>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<br>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.

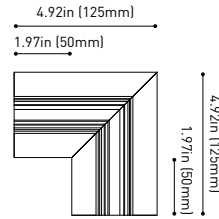


TRACK 48V TRIMLESS UL

|   |             |   |    |
|---|-------------|---|----|
| 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 |

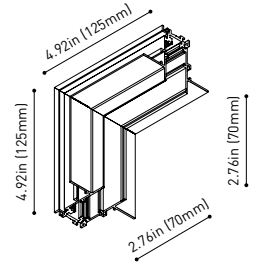
PLASTERBOARD CEILING MANDATORY THICKNESS 0.50in (12.5mm)  
RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING

TRACK 48V TRIMLESS  
Corner 90° One Plane UL



\*Electrical connection not included

TRACK 48V TRIMLESS  
Corner 90° Two Planes UL



\*Electrical connection not included

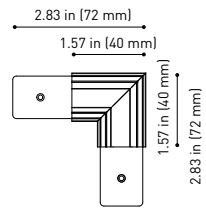
TRIMLESS INSTALLATION GUIDE  
<https://youtu.be/SVWNEfblfVY>



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<br>207 x 75.4 x 33 mm |

120 & 277 V | 50/60 Hz

UL DROP VOLTAGE TABLE

| POWER | CABLE SECTION | CABLE LENGTH  |                |                |                |
|-------|---------------|---------------|----------------|----------------|----------------|
|       |               | 16.40ft<br>5m | 32.80ft<br>10m | 65.62ft<br>20m | 98.43ft<br>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 |

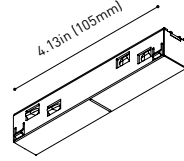


L-JOINT Connector 48V UL  
U338-00-12- | N | W |



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

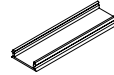
\*Not suitable for trimless version



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

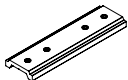


Trimless Plaster Installation Guard  
3.28ft (1m) 48V UL  
U338-00-21

\* 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