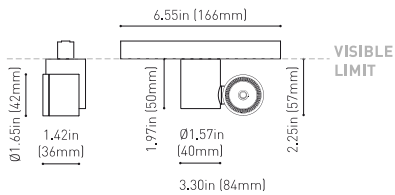




### DIMENSIONS



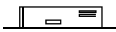
### ACCESORIES



BEAM MIXER DIFFUSER



ANTI-GLARE HONEYCOMB LOUVER



TRACK 48V OPTIONS

### AWARDS

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

### PRODUCT

|           |   |
|-----------|---|
| Name      | IO 48V SHORT UL DIM 0-10V 20° 2700K NTW |
| Reference | U3480110NTW-S                           |
| Color     | Textured black - White track            |
| Category  | TRACKLIGHTS                             |

### LIGHT SOURCE

|                       |                 |
|-----------------------|-----------------|
| Type                  | LED             |
| Gross luminous flux   | 485 Lm          |
| Color temperature     | 2700 K          |
| Chromatic stability   | MacAdam Step 2  |
| Color Rendering Index | CRI>90          |
| Power                 | 4.5 W           |
| Current               | 500 mA          |
| Efficacy              | 108 Lm/W        |
| LED lifespan          | L80B10 >60.000h |

### LIGHTING FIXTURE | PHOTOMETRIC DATA

|                     |     |
|---------------------|-----|
| Lighting efficiency | 92% |
| Light beam angle    | 20° |

### LIGHTING FIXTURE | ELECTRICAL DATA

|                            |          |
|----------------------------|----------|
| Driver                     | Included |
| Power values of the system | 5,00 W   |
| Dimming                    | 0-10V    |

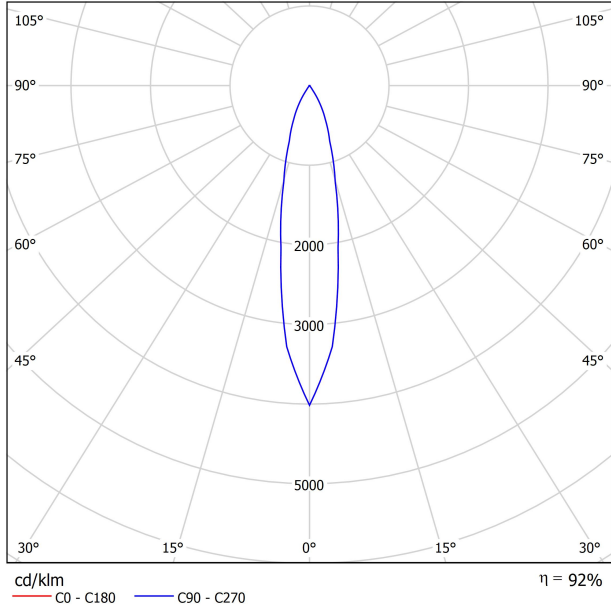
### OTHER DATA

|                        |                                   |
|------------------------|-----------------------------------|
| 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 |
| Units per package      | 1                                 |
| Materials              | Aluminium - Polycarbonate         |

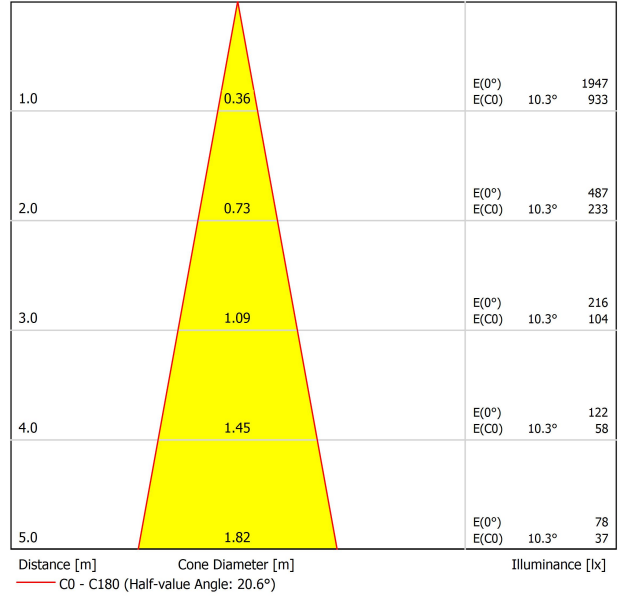


iO 48V is a LED spotlight miniaturised in a fixture that is so small that it fits on the palm of your hand. Designed for accent lighting applications, its small dimensions mean it can be fitted in display cabinets, shop windows and small places without generating an invasive presence on the scene. Created 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

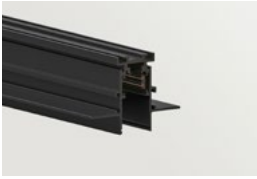
The Beam Mixer Diffuser is used to smooth beam artifacts caused by parabolic, Fresnel, or TIR lens collimators without significant broadening.

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<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



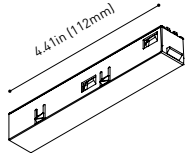
|  | P                 | V   | D   |
|--|-------------------|-----|---|
| <b>CONSTANT VOLTAGE LED POWER SUPPLY</b> | <b>U100-00-78</b> | 96W | 48V   |
|  |                   |     | 8.16 x 2.97 x 1.30 in<br>207 x 75.4 x 33 mm |

120 & 277 V | 50/60 Hz

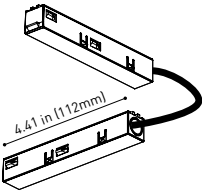
UL DROP VOLTAGE TABLE

| 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            |

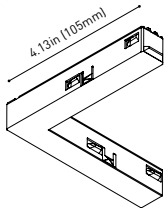
ALL 48V TRACK UL



**Live-End Connector 48V**  
A338-00-01- | N | W |

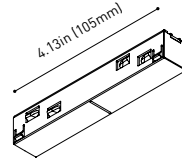


**L-JOINT Connector 48V UL**  
U338-00-12- | N | W |



**Corner 90° Connector One Plane 48V**  
A338-00-24- | N | W |

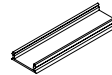
\*Not suitable for trimless version



**Central Connector 48V**  
A338-00-02- | N | W |



**Wireless Control 48V**  
0434-01-31- | N | W |  
Casambi/AAG Stucchi App



**Cover Gap 3,28 ft (1m) 48V UL**  
U0338-00-30- | N |

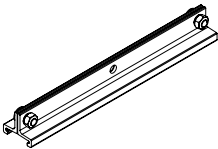
TRIMLESS 48V UL



**Trimless T-Bracket 48V**  
A338-00-03



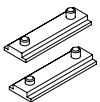
**Clamp for M6 ROD**  
A338-00-09  
\*See accessories quantities



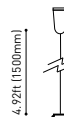
**Trimless Long T-Bracket 48V**  
A338-00-04



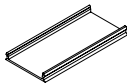
**Track Clamp**  
A338-00-10  
\*See accessories quantities



**Trimless Straight Joiners 48V (2 units)**  
A338-00-05- | N | WT |



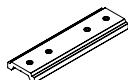
**Suspension Kit**  
A338-00-08  
\*See accessories quantities



**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.

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



**Surface Straight Joiner 48V**  
A338-00-11

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)

A338-00-15- | NT | WT |



Suspension feed Kit 48V UL

U338-00-17- | N | W |



\*For remote power supply