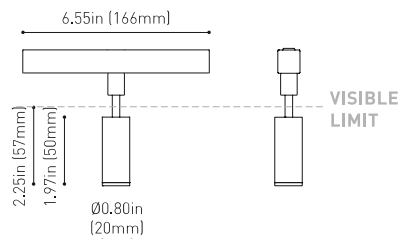




DIMENSIONS



Accessories



TRACK 48V OPTIONS

PRODUCT

|           |                                         |
|-----------|-----------------------------------------|
| Name      | FIT 20 48V UL DIM DALI MEDIUM 2700K WTW |
| Reference | U3440220WTW                             |
| Color     | Textured white - White track            |
| RAL       | 9016                                    |
| Category  | TRACK LIGHTS                            |

LIGHT SOURCE

|                       |                |
|-----------------------|----------------|
| Type                  | LED            |
| Gross luminous flux   | 127 Lm         |
| Color temperature     | 2700 K         |
| Chromatic stability   | MacAdam Step 3 |
| Color Rendering Index | CRI>90         |
| Power                 | 2.1 W          |
| Efficacy              | 60 Lm/W        |
| LED lifespan          | L80B10>50.000h |

LIGHTING FIXTURE | PHOTOMETRIC DATA

|                         |        |
|-------------------------|--------|
| Lighting efficiency     | 88%    |
| Delivered luminous flux | 112 Lm |
| Light beam angle        | 30°    |

LIGHTING FIXTURE | ELECTRICAL DATA

|                            |      |
|----------------------------|------|
| Power values of the system | 3 W  |
| Dimming                    | DALI |

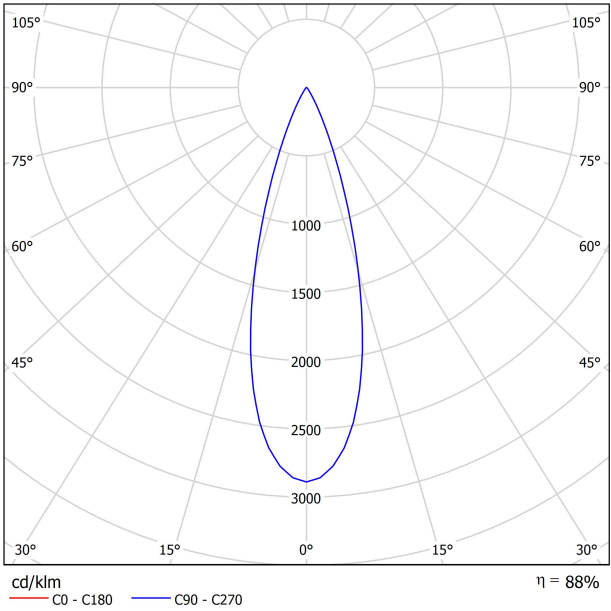
OTHER DATA

|                        |                                   |
|------------------------|-----------------------------------|
| Environmental location | DAMP                              |
| Swivel angle           | 90°                               |
| Rotation angle         | 360°                              |
| Track type             | Track 48V                         |
| Weight                 | 0.20 lb   90 gr                   |
| Packaged weight        | 0.30 lb   135 gr                  |
| Packaging dimensions   | 7.48x5.70x0.94 in   190x145x24 mm |
| Materials              | Aluminium - Polycarbonate         |

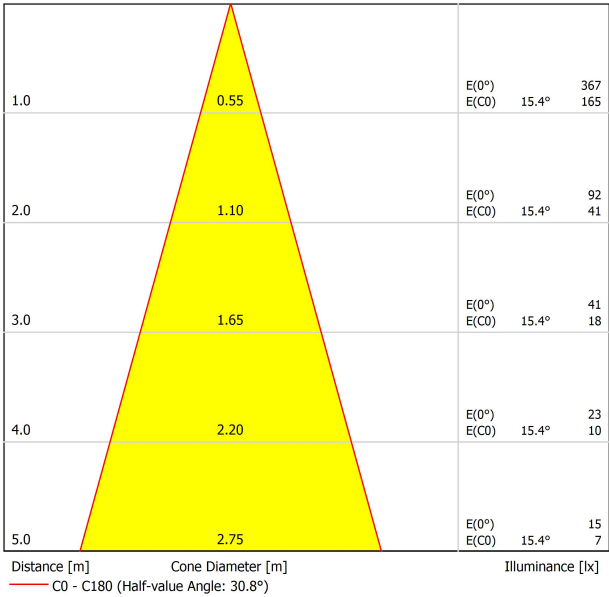


Fit 48V, is a spotlight for low voltage tracklight applications which is available in three sizes. Cylindrical geometry and essential forms, it stands out for its minimalistic looking and its functionality as it can be orientated in any direction. The black perimeter around its mouth and its honeycomb accessory, highlights its anti-glare vocation.

POLAR DIAGRAM



CONICAL DIAGRAM



# Track 48V

# ARKOSLIGHT

48V track lighting systems are low-voltage lighting solutions based on electrified tracks. The track serves both as a physical structure and as a power carrier, allowing light modules to be placed and repositioned as needed, offering flexibility, safety, and energy efficiency. Ideal for projects that demand minimalist design, high performance, and adaptability.

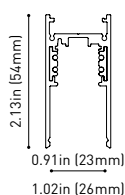
To configure your 48V system, you'll need to combine the following components:

1. Tracks – Available in surface, trimless, surface short, suspended (using suspension accessories with the surface track), and indirect light versions. They form the structural and electrical base of the system.
2. Connectors & Power Supply – Ensure electrical continuity between track sections and provide the 48V power input.
3. Accessories – Including end caps, joiners, mounting elements, and optional installation accessories to complete and secure the setup.

## Track Options

### Surface

|                                  |                       |
|----------------------------------|-----------------------|
| TRACK 48V SURFACE 3.28ft (1m) UL | U338-11-00-   NT   WT |
| TRACK 48V SURFACE 6.56ft (2m) UL | U338-12-00-   NT   WT |



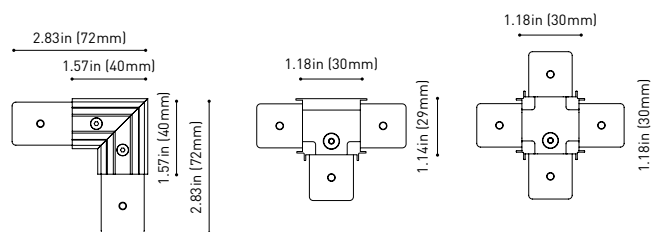
|                                           |                       |
|-------------------------------------------|-----------------------|
| TRACK 48V SURFACE Corner 90° One Plane UL | U338-14-00-   NT   WT |
| TRACK 48V SURFACE T-Joint UL              | U338-15-00-   NT      |
| TRACK 48V SURFACE X-Joint UL              | U338-16-00-   NT      |



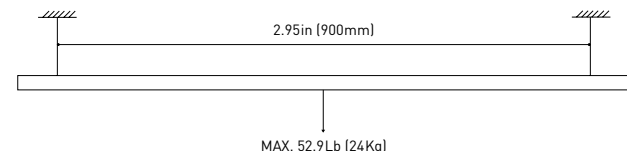
Corner 90° One Plane UL

T-Joint UL

X-Joint UL



Straight joiners included  
\*Electrical connections not included



### Trimless

TRIMLESS INSTALLATION GUIDE  
<https://youtu.be/tgGsQdaYe-w>



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

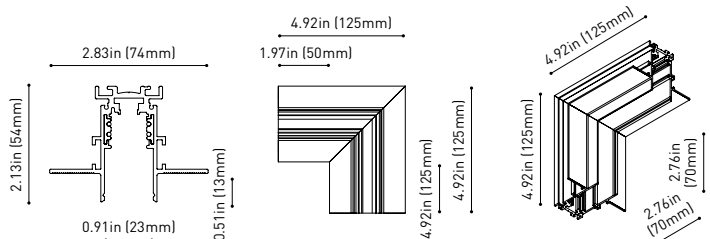
Plasterboard ceiling, mandatory thickness 0.50in (12.5mm). Recommended for installations where the profile can be installed before the false plasterboard ceiling.



Track 48V Trimless UL

Corner 90° One Plane UL

Corner 90° Two Planes UL



\*Electrical connection not included

\*Electrical connection not included

|                                          |                      |
|------------------------------------------|----------------------|
| TRACK 48V TRIMLESS DEEPER 4ft (1.21m) UL | U338-31-00-   N   WT |
| TRACK 48V TRIMLESS DEEPER 8ft (2.44m) UL | U338-32-00-   N   WT |
| TRACK 48V TRIMLESS DEEPER                |                      |
| Corner 90° One Plane UL                  | U338-36-00-   N   WT |
| Corner 90° Two Planes UL                 | U338-37-00-   N   WT |

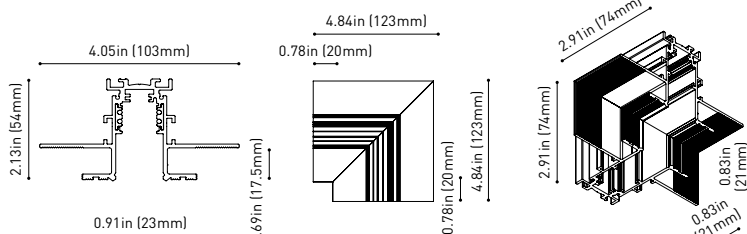
Plasterboard ceiling, mandatory thickness 0.63in (15.9mm). Recommended for installations where the profile can be installed before the false plasterboard ceiling.



Track 48V Trimless Deeper UL

Track 48V Trim. Deeper Corner 90° One Plane UL

Track 48V Trim. Deeper Corner 90° Two Planes UL



\*Electrical connection not included

\*Electrical connection not included

COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 |

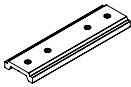
\*Electrical connections are not included. Please choose the required components from the Connectors section.

Complementary track accessories

Use end caps, joiners, and gap covers to connect, close, and cleanly finish your track setup.

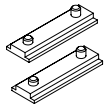
Surface

Surface Straight Joiner 48V UL  
U338-00-11



Trimless

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



For all tracks

End 48V UL  
U338-00-06- | NT | WT |

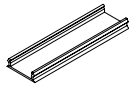


End Feed 48V UL  
U338-00-07- | NT | WT |



Cover Gap 3.28ft (1m) 48V UL

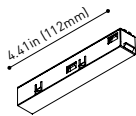
U338-00-30- | N | W |



Connector options

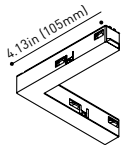
Connectors are required to provide electrical continuity between tracks, ensuring an uninterrupted 48V flow.

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

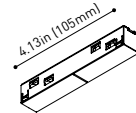


Corner 90° Connector One Plane 48V UL  
U338-00-24- | N | W |

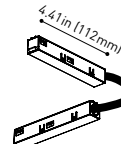
\*Not suitable for trimless version



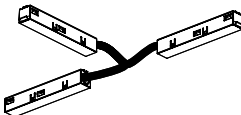
Central Connector 48V UL  
U338-00-02- | N | W |



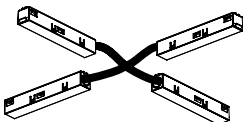
L-Joint Connector 48V UL  
U338-00-12- | N | W |



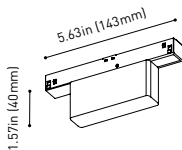
T-Joint Connector 48V UL  
U450-00-07- | N |



X-Joint Connector 48V UL  
U450-00-08- | N |



Wireless Control 48V UL  
U434-01-31- | N | W | Casambi



Power Supply Options

Select the appropriate power feed to deliver 48V to the system based on your track layout and installation type.

For all tracks

|                                   |            | P   | V   | D                                           |
|-----------------------------------|------------|-----|-----|---------------------------------------------|
| CONSTANT VOLTAGE LED POWER SUPPLY | U100-00-78 | 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

|       |               | CABLE LENGTH  |                |                 |                |
|-------|---------------|---------------|----------------|-----------------|----------------|
|       |               | 16.40ft<br>5m | 32.80ft<br>10m | 65.62ft<br>20m  | 98.43ft<br>30m |
| POWER | CABLE SECTION | TRACK LENGTH  |                |                 |                |
| 96W   | AWG16         | 164ft<br>50m  | 164ft<br>50m   | 131.32ft<br>40m | 82ft<br>25m    |

COLOUR | N ■ RAL 9005 | W □ RAL 9016 |

Other accessories

Alternative suspension installation

For a suspended configuration, use surface components together with the following accessories:

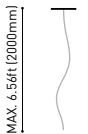
Suspension Kit (2 units) 48V UL

U338-00-15- | NT | WT |



Suspension feed Kit (2 units) 48V UL

U338-00-17- | N | W |  DIM



\*for remote power supply

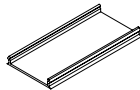
Trimless installation accessories

Accessories designed to assist in the installation of trimless track systems, making the process easier and ensuring precision.

Trimless Plaster Installation Guard 3.28ft (1m) 48V UL

U338-00-21

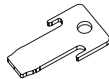
Recommended for installation



Fixing Template for Track 48V Trimless UL

U338-00-31

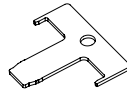
Recommended for installation



Fixing Template for Track 48V Trimless Deeper UL

U338-30-31

Recommended for installation



Trimless mounting accessories

These accessories offer different options for installing trimless track systems according to ceiling type and project needs.

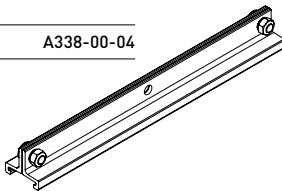
Trimless T-Bracket 48V UL

U338-00-03



Trimless Long T-Bracket 48V UL

A338-00-04



Trimless Clamp for M6 ROD 48V UL

U338-00-09

\*See accessories quantities



Trimless Track Clamp 48V UL

U338-00-10

\*See accessories quantities



Trimless Suspension Kit 48V UL

U338-00-08

\*See accessories quantities

SUGGESTED MOUNTING ACCESSORIES QUANTITIES

3.28 ft (1000 mm) - 2 Pcs

6.56 ft (2000 mm) - 3 Pcs

