

## Low Voltage Surface Track

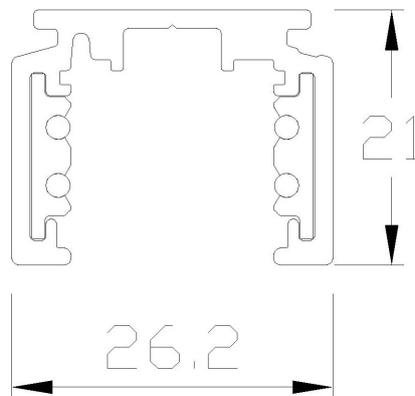


48V low voltage track is a miniature track designed to satisfy most if not all of the lighting professionals technical and design requirements.

This track employs a snap in system on the track adaptor for an easy push in connection of the lighting fixtures.

The track includes an integrated databus which can be used for either DALI or Analogue lighting control. The various options available for the track include surface mount , suspended and recessed and trimless installation.

The track is also incorporated into Lucent FineLine extrusion system.



LVT-9500-ST1-E

Project Ref: \_\_\_\_\_

Location Ref: \_\_\_\_\_

Track Order Code:  -  -  -

Profile  
LVT-9500-ST1-E Surface/suspended  
Low Voltage Track

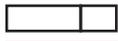
Length  
1 1 meter  
2 2 meters  
3 3 meters

Body Finish  
WH White  
BK Black

### End Feed

Order Code:  -  -  -

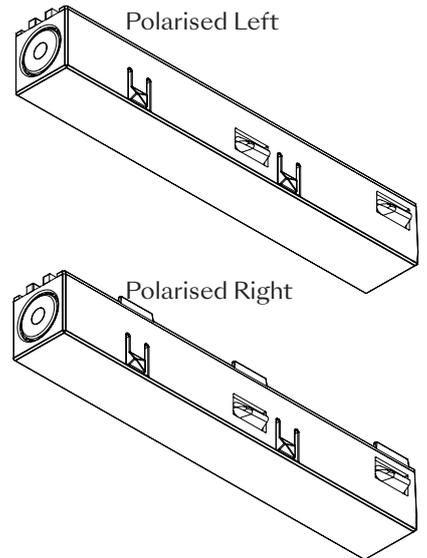
Polarity  
KR Polarity Right



KL Polarity Left



Finish  
WH White  
BK Black



### Connectors

Order Code:  -  -  -

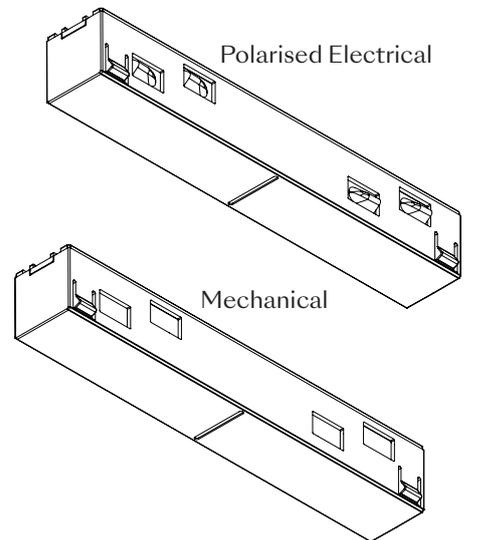
Type  
K Polarisated Electrical

Finish  
WH White  
BK Black

Order Code:  -  -  -

Finish  
WH White  
BK Black

Type  
M Mechanical



Project Ref: \_\_\_\_\_

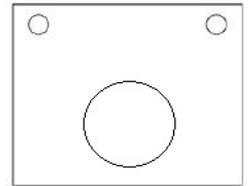
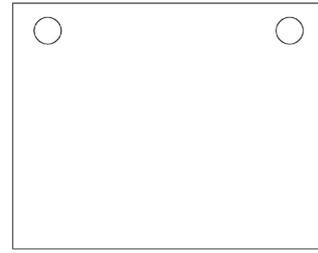
Location Ref: \_\_\_\_\_

## End cap

Fixture Order Code:  -  -

Finish  
WH White  
BK Black

Cable Entry  
F With 10mm dia. hole for cable entry from end



## Corner Connector

Order Code:  -  -  -

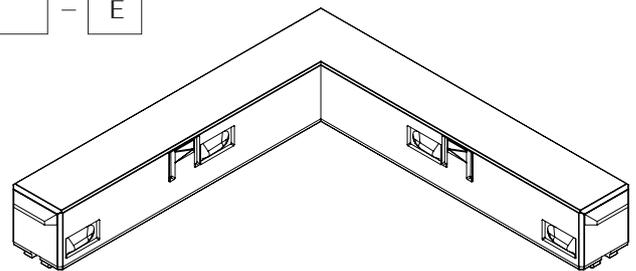
Polarity  
KE Electrical, Polarity Outside  
ME Mechanical, Polarity Outside



KI Electrical, Polarity Inside  
MI Mechanical, Polarity Inside



Finish  
WH White  
BK Black

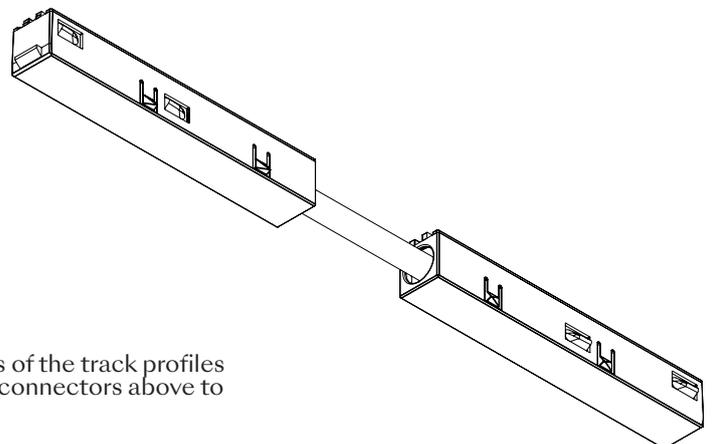


KO/I = Corner connector with electrical continuity.  
MO/I = Mechanical corner connector, no electrical continuity. Can also be used as a corner feed.

## Adjustable Corner Connector

Order Code:  -  -

Finish  
WH White  
BK Black



\*Corners are fabricated on site by the installer by mitre-cutting the ends of the track profiles and carefully aligning. Using either the electrical or mechanical corner connectors above to maintain alignment.

Note when mitre cutting the tracks observe the polarity of both track sections and ensure they match the polarity of the coner connector to be used.

Project Ref: \_\_\_\_\_

Location Ref: \_\_\_\_\_

## Single Suspension Kit

Fixture Order Code:  -  -  -  -

Joining Connector

Cable Length

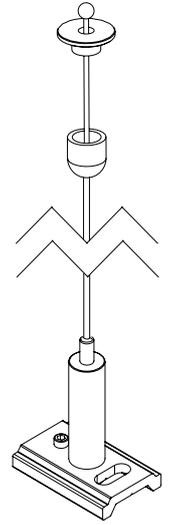
- 1.5
- 3
- 5

- 1.5 meters
- 3 meters
- 5 meters

Bracket Colour

- WH
- BK

- White
- Black



## Joining Suspension Kit

Fixture Order Code:  -  -  -  -

Joining Connector

Cable Length

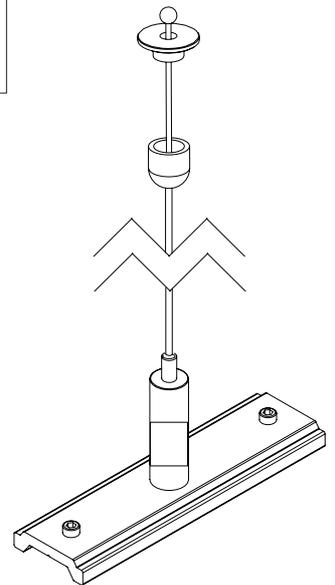
- 1.5
- 3
- 5

- 1.5 meters
- 3 meters
- 5 meters

Bracket Colour

- WH
- BK

- White
- Black

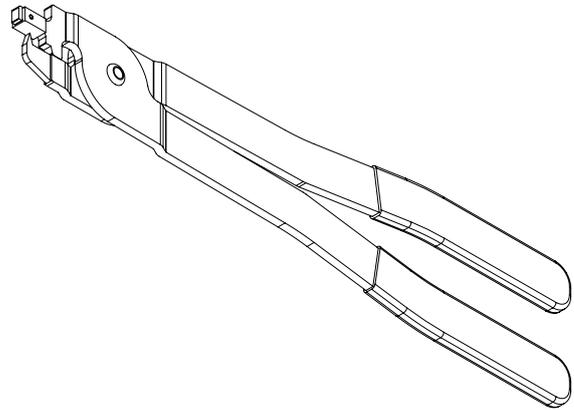


Quantity of suspensions depends on the loading of the track system per meter. Max. load 25KG = 2 suspensions per meter. Max load 35KG = 3 suspensions per meter. Refer to installation instructions for details.

Project Ref: \_\_\_\_\_

Location Ref: \_\_\_\_\_

## Cutting Tool For Track Conductors

Order Code: 

Used when field cutting profiles to cut back electrical conductors to the correct position.

---

## 48V DC Power Supplies

Power supplies for Low Voltage Track Systems are 48V DC. The power supplies require no dimming or control connections. All dimming controls are to go directly to the track (please refer to installation instruction for full details).

Drivers available:

60W - 48VDC  
100W - 48VDC  
150W - 48VDC  
200W - 48VDC  
250W - 48VDC

---

## Optional Opto-Insulator

Repeater/isolator if required for long DALI Bus installations or if there is a specific requirement to insulate the DALI.  
DALI -RI-48-V

## Technical Details

**Dimming.** Whilst Lucent can offer the majority of its luminaires with various dimming options, it remains the responsibility of the specifier/installer to check and ensure compatibility of any control equipment used. Additional cabling may be required depending on the dimming protocol specified.

The exact dimming protocol must be confirmed to allow the selection of suitable drivers or bluetooth devices.

^ Depth indicated is the minimum recess depth for the luminaire with a remote mounted LED driver. Installing a driver through either the luminaire cut-out or installation kit may require additional recess depth, please refer to the relevant luminaire installation instructions for further details. Data correct at time of publishing

**First Fix Requirement.** Luminaire comprised of fixture body with ceiling trim and installation kit, which is to be fitted into the ceiling once finished. Ensure correct alignment of the installation kit before final assembly (see luminaire installation instructions for details)

**IP Rating.** Tested from underside of the ceiling

It is the policy of Lucent Lighting to continually review and improve its products and therefore reserve the right to change any details of product or withdraw specifications without prior notice.

Luminaires designed to comply with EN60598 and all other relevant standards.

This specification sheet supersedes all previous versions.

All intellectual property rights pertaining to the product described above and to this document are owned by or licensed to Lucent Lighting Ltd.

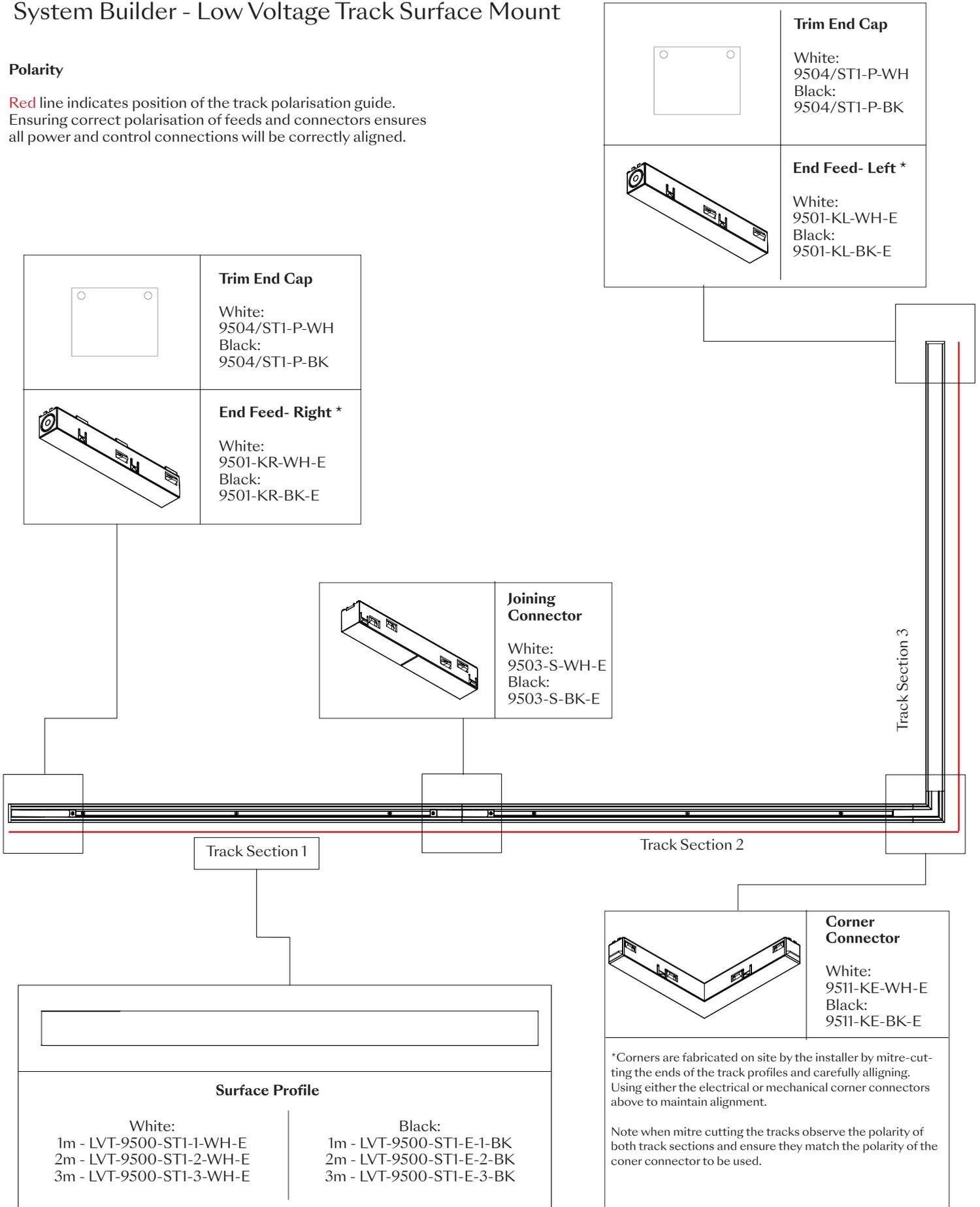
We reserve the right to take whatever action is necessary to protect those intellectual property rights.

Please notify Lucent Lighting Ltd of any inaccuracies immediately. E&OE

## System Builder - Low Voltage Track Surface Mount

### Polarity

Red line indicates position of the track polarisation guide. Ensuring correct polarisation of feeds and connectors ensures all power and control connections will be correctly aligned.



\* End feed only required on one end of profile run. Choose left or right feed depending on where cable entry point is most convenient.