MODULAR LIGHTING INSTRUMENTS
— *by MLI NA Corporation*

Project
Type
Contact

Overview

Pista is the ultimate in modern aesthetics, introducing thinner, slimmer magnetic track rails, even smaller light fixtures and ultra-thin cables. But Pista isn't just about miniaturization, it's also about personalization. Designers can create unique configurations and play with different modules on single or multiple track rails in different lengths, light effects and colors.

General Information

General

- Profile finish: powder coat
- Profile is secured to the ceiling with mounting brackets (included, see Track Profile section)
- Dry locations only
- Spot and linear fixtures available, see separate datasheets for detailed information
- Upon insertion, fixtures attach magnetically to the Track Profile or lock into the Track Profile
- Fixtures can be moved in the Track Profile by sliding

Electrical

- UL Class 2 only
- 48V DC (see Power Supply section)
- Circuits: 1 circuit + data bus
- Maximum 100W per track circuit
- Dimming: 0-10V or DALI (specified separately in the fixture)
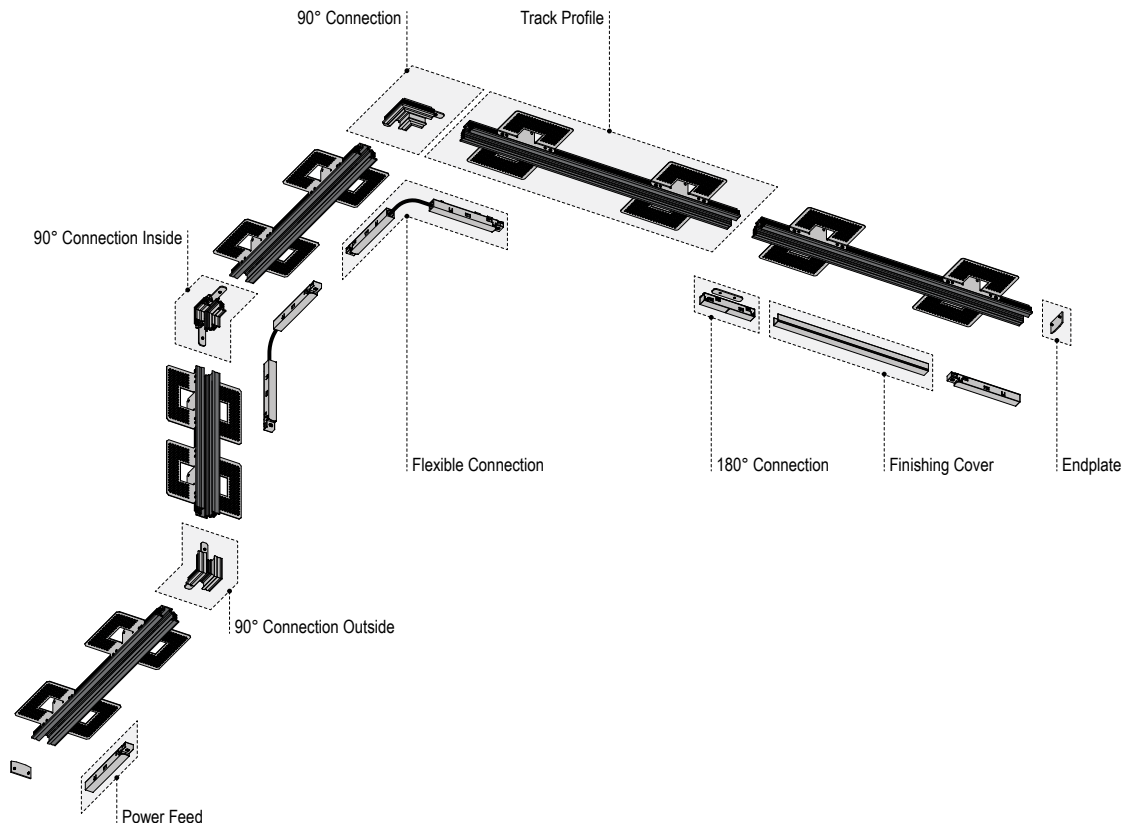
Finish Information

Black Structure (BLS)
Powder Coat (Matte)

White Structure (WHS)
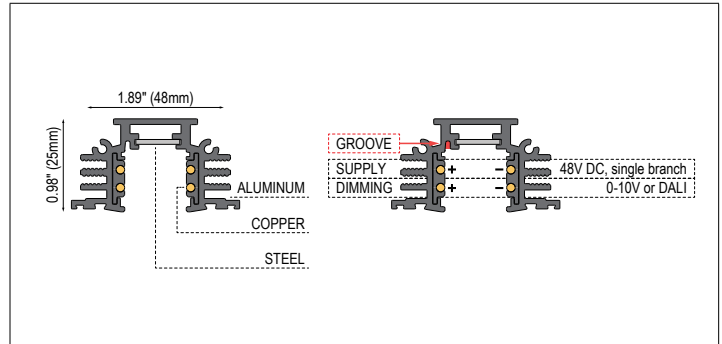Powder Coat (Matte)

Components & Configuration

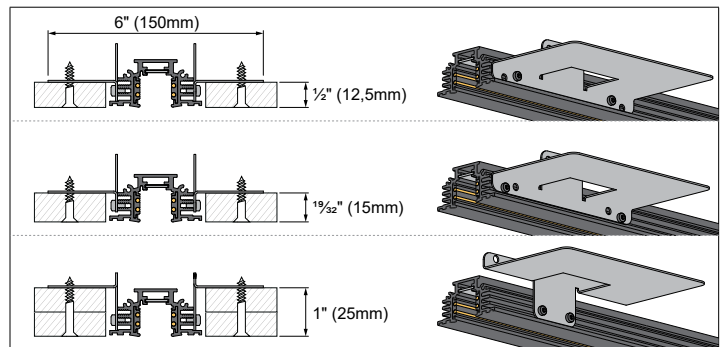- See following pages for detailed component and ordering information

90° Connection
Track Profile
90° Connection Inside
Flexible Connection
180° Connection
Finishing Cover
Endplate
90° Connection Outside
Power Feed

Track Profile Specifications

- For recessed ceiling or wall installation
- Profile finish: powder coat
- Available lenghts: 39.4", 78.7" & 118.1" (can be field cut)
- Mounting brackets are included with the Track Profile
- Power supplies and accessories are ordered separately
- Maximum load = 22lb (10kg) for profile length ≤ 39" (1m)
- Add 11lb (5kg) to the maximum load for each additional profile length of 39" (1m)
- When connecting multiple profiles, the "groove" should always be on the same side
- Weight: 0.7lbs/ft

Materials / Dimensions / Electrical
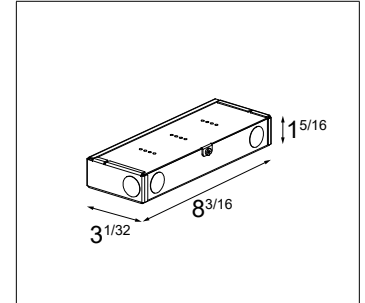

Mechanical Fixation

Ordering Information

Ordering Code	Version	Length	Finish *	Quantity (pcs)
PISTA-T48V-PROF-R-39.4-DY-BL	Track Profile	39.4"	Black	
PISTA-T48V-PROF-R-78.7-DY-BL	Track Profile	78.7"	Black	
PISTA-T48V-PROF-R-118.1-DY-BL	Track Profile	118.1"	Black	

* Track Profile is only available in black. White ceiling apearance can be achieved by using white lighting fixtures, accessories and covers.

Power Supply Specifications - Remote Drivers

- Class 2 constant voltage power supply
- Must be combined with Power Feed (specify at the bottom of the page)
- For cabinet and surface mount use only
- 4 mounting holes for surface mounting
- 4 knockout holes for line voltage wiring (input)
- 4 knockout holes for low voltage wiring (output)
- May be placed up to 50ft away from track using 16AWG wire
- Maximum load: 90% of rated power
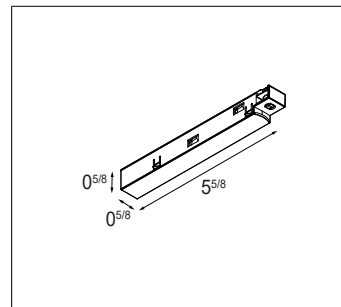- Power factor: > 0.9
- Dry locations only
- Weight: 1.4lbs

Remote Power Supply

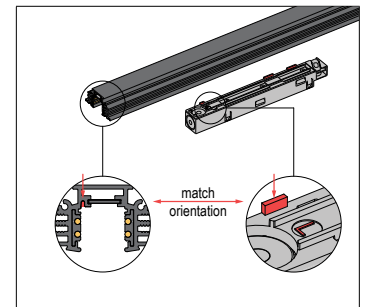### Electrical Specifications & Ordering Information

Ordering Code	Input	Output	Finish	Quantity (pcs)
PISTA-T48V-LEDPWRSUPPLY-60W-DY	120-277VAC - 50/60Hz	48VDC - 60W	n/a	
PISTA-T48V-LEDPWRSUPPLY-96W-DY	120-277VAC - 50/60Hz	48VDC - 96W	n/a	

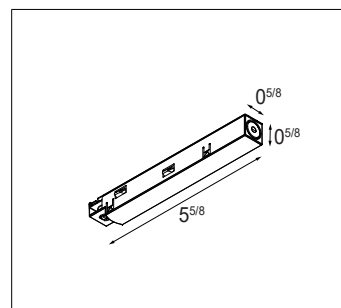## Track Accessories Specifications - Power Feed Connectors

- Used to supply power to the track
- "Groove" side is the difference between Power Feed Left & Right
- Left or Right does not matter if in the middle of the track
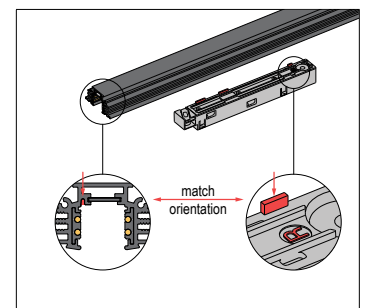- For use with 16-18AWG wire
- Weight: 0.1lbs

Power Feed Left

Power Feed Left - Groove Orientation

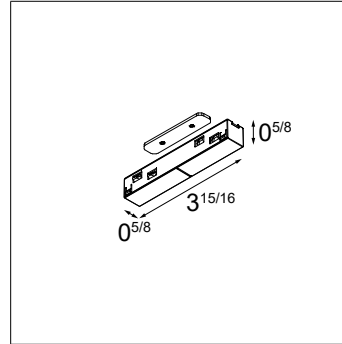Power Feed Right

Power Feed Right - Groove Orientation

Ordering Information

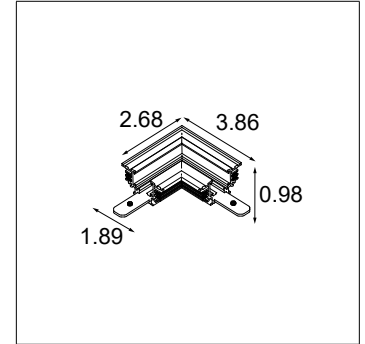| Ordering Code	Version	Finish	Quantity (pcs)
PISTA-T48V-PFLEFT-DY-BLS	Power Feed Left	Black	
PISTA-T48V-PFLEFT-DY-WHS	Power Feed Left	White	
PISTA-T48V-PFRIGHT-DY-BLS	Power Feed Right	Black	
PISTA-T48V-PFRIGHT-DY-WHS	Power Feed Right	White	

Track Accessories Specifications - Track Connectors

180° Connection

- Connects 2 tracks in the same direction (in the same plane)
- Contains mechanical connection and adapter for electrical continuity
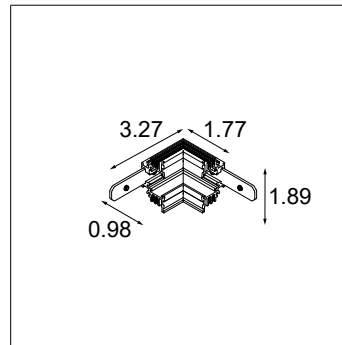- Can not be used to supply power to the track
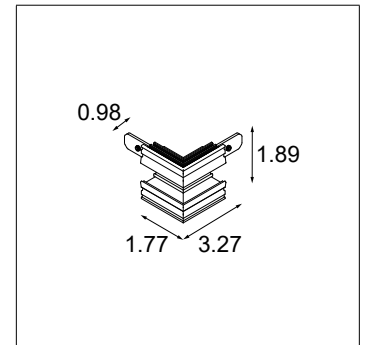- Weight: 0.1lbs

90° Connection

- Connects 2 tracks in a 90° angle (in the same plane)
- Contains mechanical connection only
- Must be combined with Flexible Connection for electrical continuity
- Weight: 0.2lbs

90° Connection Inside

- Connects 2 tracks in a 90° angle
- Can be used for 90° wall to wall applications (inside corners)
- Can be used for 90° wall to ceiling applications (inside corners)
- Contains mechanical connection only
- Must be combined with Flexible Connection for electrical continuity
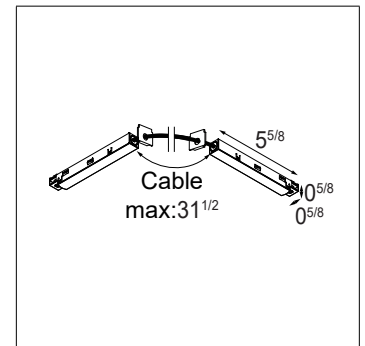- Weight: 0.2lbs

90° Connection Outside

- Connects 2 tracks in a 90° angle
- Can be used for 90° wall to wall applications (outside corners)
- Can be used for 90° ceiling to wall applications (outside corners)
- Contains mechanical connection only
- Must be combined with Flexible Connection for electrical continuity
- Weight: 0.2lbs

Flexible Connection

- Connects 2 tracks to each other
- Contains 2 adapters and a connection cable for electrical continuity
- Cable diameter: 0.27"
- Cable color: black
- Cable finish: PVC
- Cable length can be field adjusted
- Can not be used to supply power to the track
- Weight: 0.5lbs

180° Connection

90° Connection

90° Connection Inside

90° Connection Outside

Flexible Connection

Ordering Information

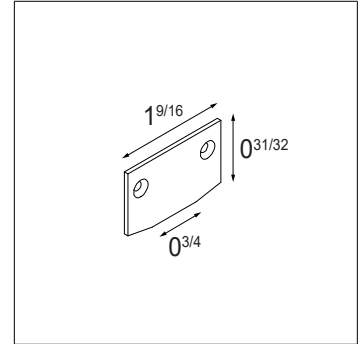| Ordering Code	Version	Finish	Quantity (pcs)
PISTA-T48V-CONN180-R-DY-BLS	180° Connection	Black	
PISTA-T48V-CONN180-R-DY-WHS	180° Connection	White	
PISTA-T48V-CONN90-R-DY-BL	90° Connection	Black	
PISTA-T48V-CONN90IN-R-DY-BL	90° Connection Inside	Black	
PISTA-T48V-CONN90OUT-R-DY-BL	90° Connection Outside	Black	
PISTA-T48V-CONNFLEX-DY-BLS	Flexible Connection	Black	
PISTA-T48V-CONNFLEX-DY-WHS	Flexible Connection	White	

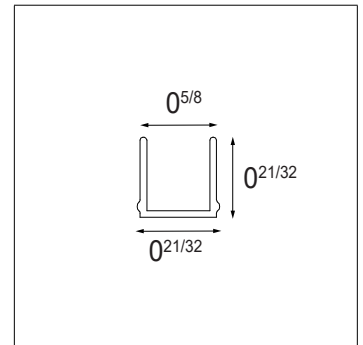## Track Accessories Specifications - Finishing

Endplate

- Contains 2 endplates
- Non-conductive
- Weight: 0.03lbs

Finishing Cover

- Optional
- Can be field cut
- Non-conductive
- Weight: 0.2lbs (39.4" version), 0.4lbs (78.7" version)

Endplate

Finishing Cover

Ordering Information

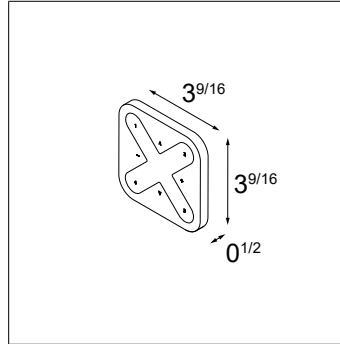| Ordering Code	Version	Finish	Quantity (pcs)
PISTA-T48V-ENDPLATE-R-DY-BLS	Endplate	Black	
PISTA-T48V-COVER-39.4-DY-BLS	Finishing Cover, Length: 39.4"	Black	
PISTA-T48V-COVER-39.4-DY-WHS	Finishing Cover, Length: 39.4"	White	
PISTA-T48V-COVER-78.7-DY-BLS	Finishing Cover, Length: 78.7"	Black	
PISTA-T48V-COVER-78.7-DY-WHS	Finishing Cover, Length: 78.7"	White	

Control Accessories Specifications - Casambi Wireless Control
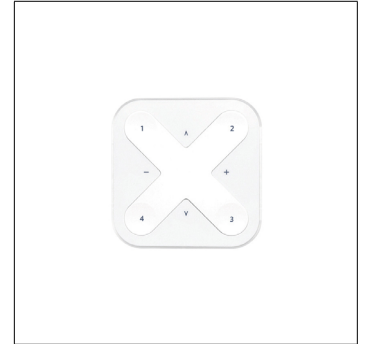
Casambi Dim Module

- Utilizes Bluetooth Low Energy Wireless Mesh (no control wires required)
- For individual/discrete fixture control (requires fixtures to be DALI dimmable)
- Connect up to 64 DALI track 48V fixtures to one dim module
- Not to be connected to an existing DALI network
- Only use as independent system
- Contact customer service for the latest configuration & setup documentation
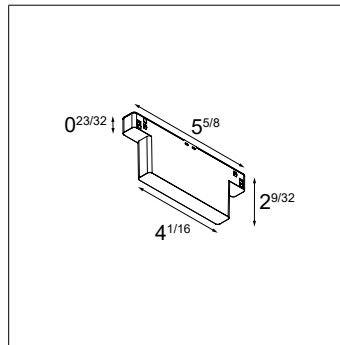- Weight: 0.1lbs

Casambi Wireless Switch

- Range: up to 164ft in open air
- Weight: 0.2lbs

Casambi Wireless Switch

Casambi Wireless Switch

Casambi Dim Module

Casambi Dim Module

Ordering Information

Ordering Code	Version	Finish	Quantity (pcs)
PISTA-T48V-CASAMBI-DIM-BLS	Casambi Dim Module	Black	
PISTA-T48V-CASAMBI-DIM-WHS	Casambi Dim Module	White	
PISTA-T48V-CASAMBI-SWITCH-WH	Casambi Wireless Switch	White	

Listings and Certifications

- Listed: cULus
- Dry locations

Warranty

- Visit https://www.supermodular.com/en-us/warranty