

Installation Instructions

For Use With SMARTrack 48 VDC Track Systems

IS-T1020R1
1 of 4

WARNING

Risk of electrical shock. Disconnect power before servicing or installing luminaire.

WARNING

Risk of injury or damage. Luminaire will fail if not installed properly. Follow installation instructions.

WARNING

Risk of injury. Wear safety glasses and gloves during installation and servicing. Allow ample time to cool before handling.

IMPORTANT SAFETY INSTRUCTIONS

(Read all installation instructions before installing. It is important to save these instructions.)

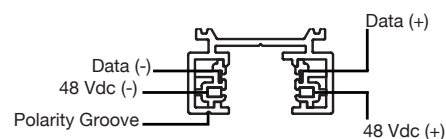
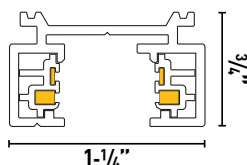
- Track installation is to only be performed by a certified electrician in accordance with the National Electrical Code and all local codes and ordinances.
- This track is intended for low voltage wiring only (48 Vdc).
- DO NOT** connect this track to 120 or 277 Volt wiring.
- To reduce the risk of fire and electrical shock, **DO NOT** attempt to energize anything other than SMARTrack fixtures on the track. This includes power tools, extension cords, appliances, etc.
- It is the responsibility of the installer to ensure this track system is properly mounted, secured, and properly electrically connected to compatible 48 Vdc low voltage power supply.
- DO NOT** install the track in damp or wet locations.
- DO NOT** install any parts of the track system less than 5 feet above the floor.
- DO NOT** install any fixtures closer than 6 inches from combustible materials.
- DO NOT** install the track with electric power connected. Similarly, disconnect electricity when installing or removing fixture or components or changing the configuration of the track.
- DO NOT** use the track with a power cord and plug.
- DO NOT** solder connectors as this will prohibit the adapters circuit switch to move freely from circuit to circuit.
- Track adapters and accessories are made of strong polycarbonate material.
- To clean, use only a damp cloth.
- DO NOT** expose to any lubricants, solvents or cleaning solutions as they may damage the product.

SMARTRACK



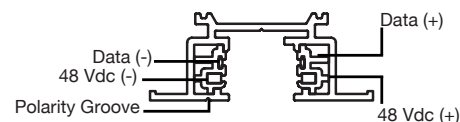
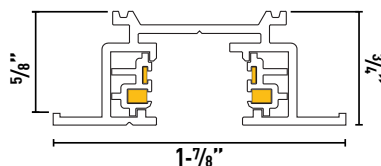
Surface Mount

SMTS048 (48"), SMTS072 (72")
& SMTS096 (96")



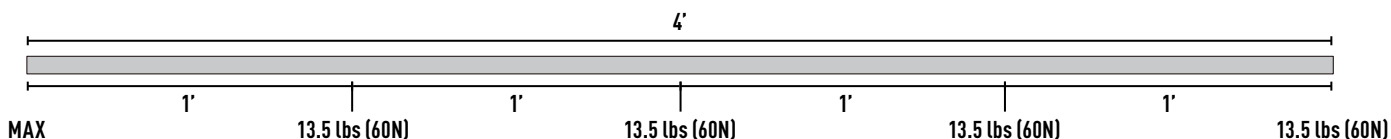
Recessed Mount

SMTR048 (48"), SMTR072 (72")
& SMTR096 (96")

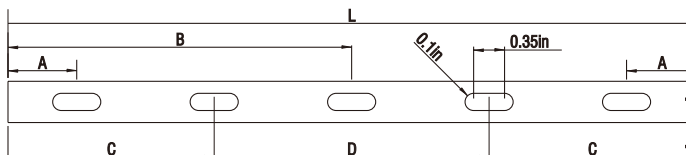


The track power conductors are rated for DC current up to 25 Amps/60 Volts. The data bus conductors are rated up to 5 Amps. Track to be powered by remote 48 Vdc constant voltage power supply (sold separately) intended for LED applications.

Maximum Load Distribution



L	A	B	C	D
48"	4.72"			
72"	4.72"	36"		
96"	4.72"		33.43"	29.15"



INSTRUCTIONS L/M-05072019 P-1

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For Intense Lighting's limited product warranty, go to www.intenselighting.com. For a printed copy of the warranty, you may call 800 961-5321.

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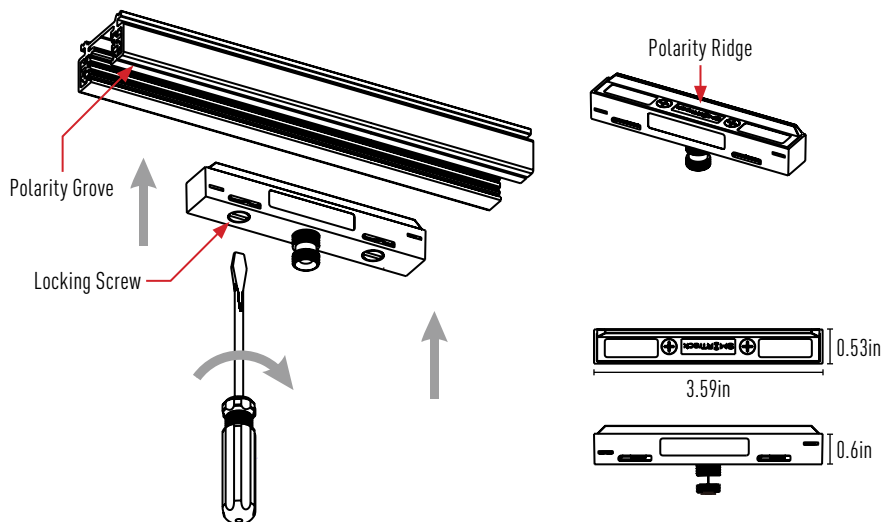
IS-T1020R1

2 of 4

ADAPTER INSTALLATION

1. Insert adapter fully into track, aligning adapter polarity ridge with track polarity groove.
2. Use flat head screw driver to turn both locking screws clockwise 1/4 turn.

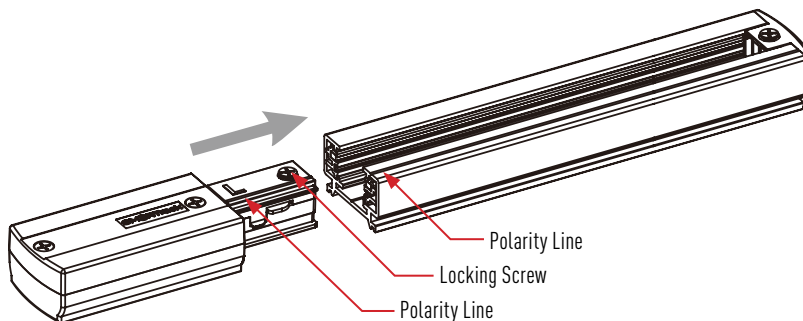
NOTE: Do not slide adapter within track once inserted.



TRACK CONNECTION INSTALLATION

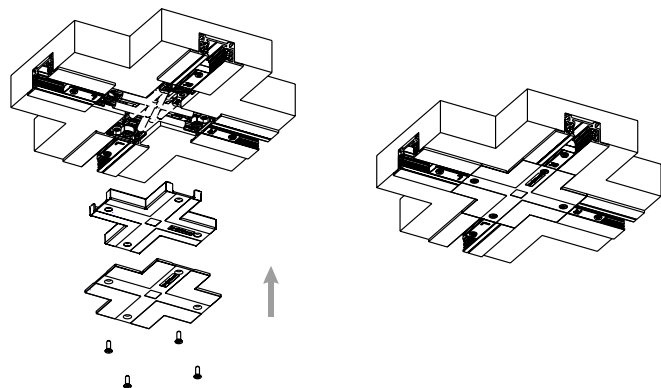
1. Insert track connections fully into track, aligning the polarity ridge with track polarity groove.
2. Use phillips head screw driver to tighten locking screw

NOTE: Polarity line on end feed must match polarity Groove on track. Insert end feed fully and tighten Locking screw.



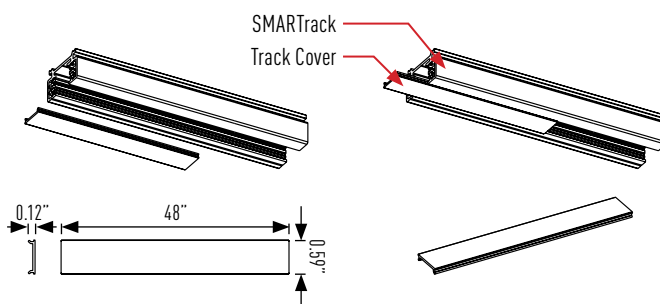
TRACK COVER INSTALLATION

To install the recessed cover, first remove the standard cover that comes assembled with the power feed or connectors by unfastening the screws located on the surface of the cover marked with the SMARTTrack Logo. Re-use the same screws to fasten the recessed cover onto the connector housing.



TRACK COVER INSTALLATION

The decorative track cover may be cut to length in the field using a hacksaw or fine tooth table saw. To improve finish of cut, wrap cut location with painters tape prior to cutting.



INSTRUCTIONS L/M-05072019 P-2

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Installation Instructions

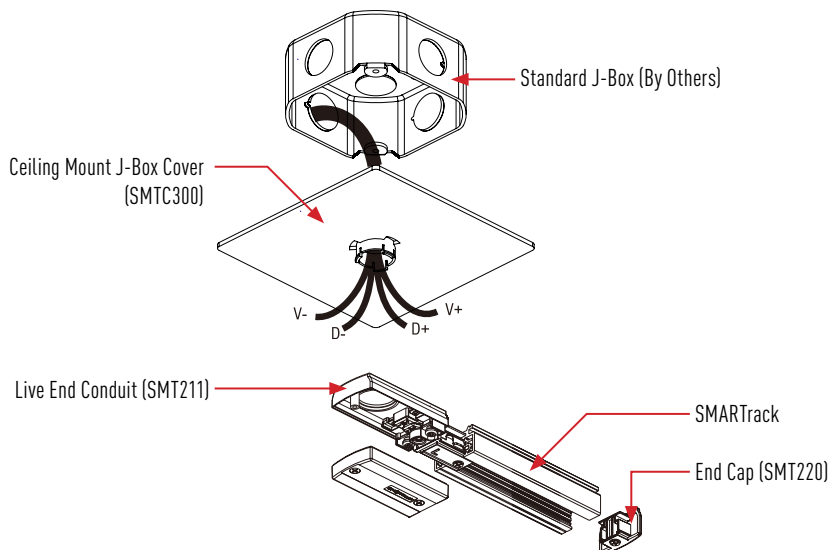
For Use With SMARTrack 48 VDC Track Systems

IS-T1020R1

3 of 4

WIRING

1. Position J-Box cover over recessed electrical box while aligned with conduit opening on track connector/feed.
2. Fasten track flush with ceiling, restraining the J-Box cover between the track and ceiling.

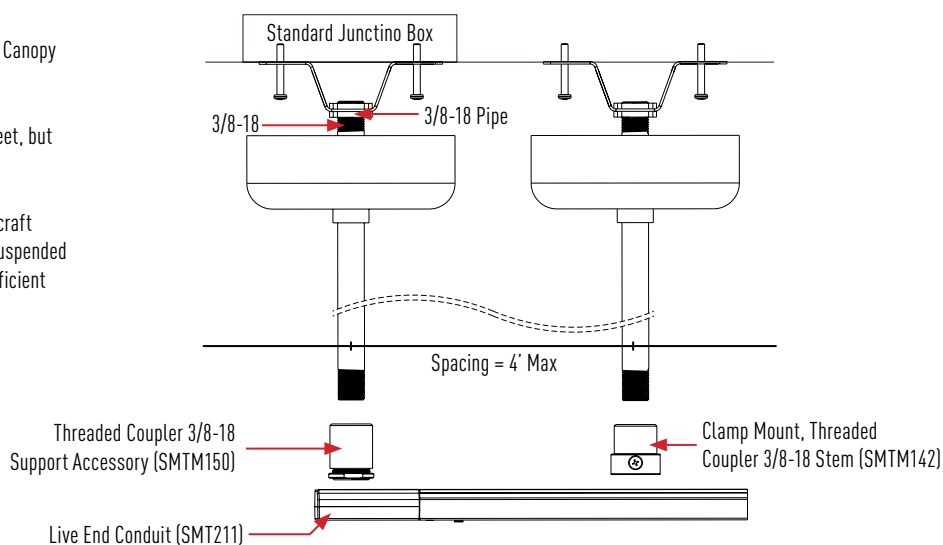


CANOPY

Refer to canopy installation instructions for further details. Canopy images shown for representation purposes only.

Track must be supported by a suspension method every 4 feet, but stems support is optional.

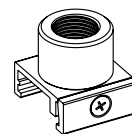
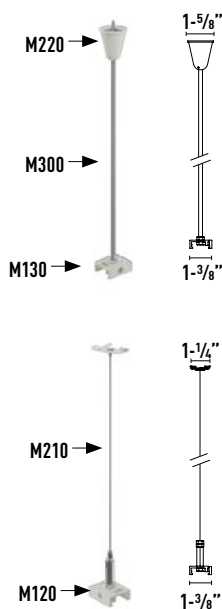
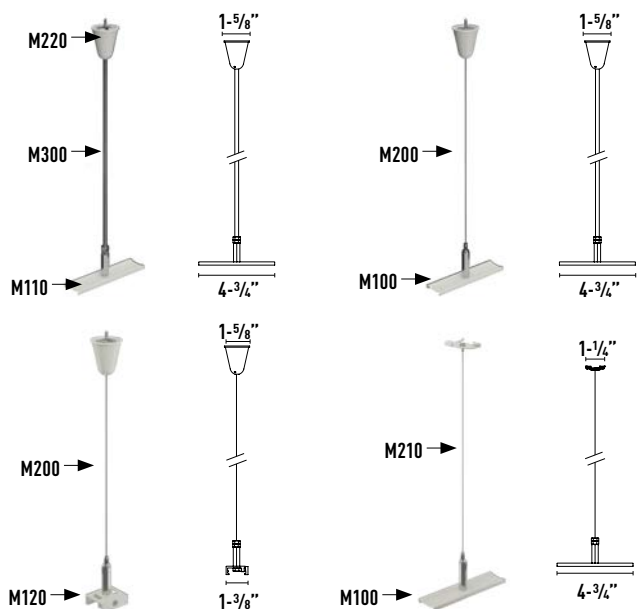
Example: stem maybe used for power feed support, and aircraft cable or 1/4-20 rod for subsequent suspension locations. Suspended track may tilt due to light fixture(s) center of gravity if insufficient rigid suspension are used.



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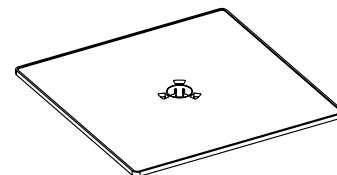
IS-T1020R1
4 of 4



SMT142 used with 3/8-18
(Mid-Track Suspension)

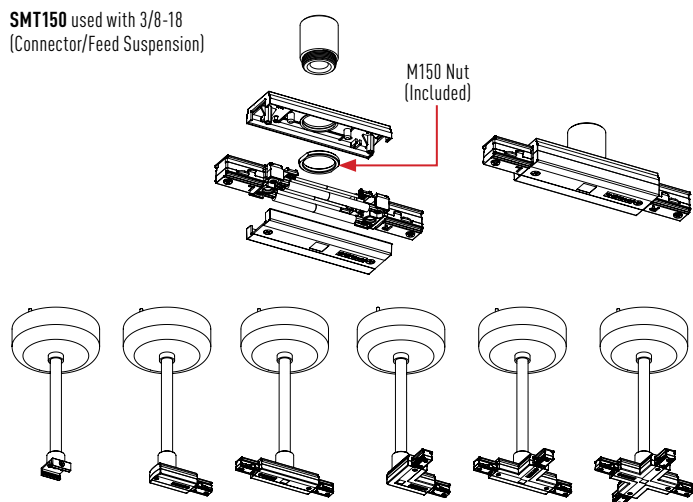


SMT150 used with 3/8-18
(Connector/Feed Suspension)

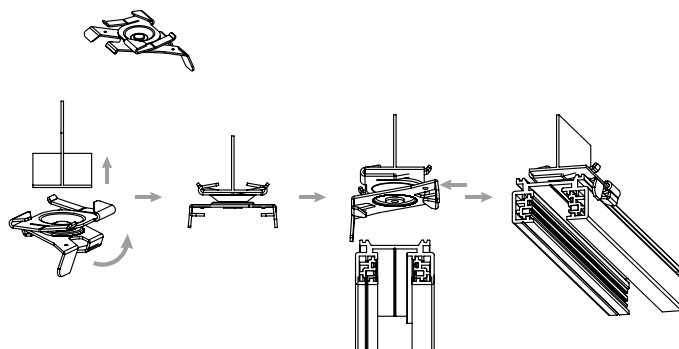


SMT300
Ceiling Mount J-Box Cover

SMT150 used with 3/8-18
(Connector/Feed Suspension)



SMTM140: Clamp Mount, 15/16" T-Bar clip
SMTM141: Clamp Mount, 9/16" T-Bar clip



WARNING

When using mini connector (SMT230 or SMT232), be sure to observe proper alignment of the polarity groove. Failure to do so may result in malfunction or damage to fixtures.

