

Two Circuit / Two Neutral Pro-Series TEK Track System - 120V

IPS4 / IPS8 / IPS12

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

DESCRIPTION

Superior performance for dimmed lighting, low life-cycle cost, and high power handling capacity make the Intense Professional Series track lighting an excellent choice. The 2 circuit / 2 neutral 120V track is ideal for dimming intensive applications. The independent neutrals guarantee that the two circuits are completely isolated. Cross-circuit interference and neutral harmonics are completely eliminated, essential for trouble-free dimming. The lack of harmonics ensures superior fixture performance and longer equipment life. Independent neutrals also offer twice the power handling capacity of ordinary common neutral track.

FEATURES

- High quality, UL listed 2-CCT/2-Neutral
- Low profile, easy and flexible installation
- For use with specified Intense track luminaires
- Dimming feature available, see track luminaire for compatibility
- UL Listed for dry locations

ELECTRICAL

- Voltage: 120V 60Hz
- Amperage: 20A Max. / 2400W each.
- Dimming: Reverse phase dimming must be specified by track luminaire

CONSTRUCTION

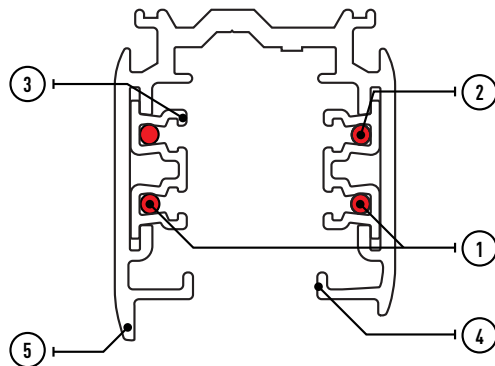
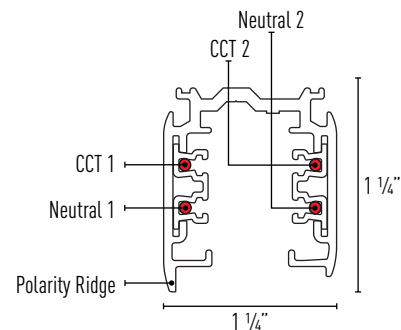
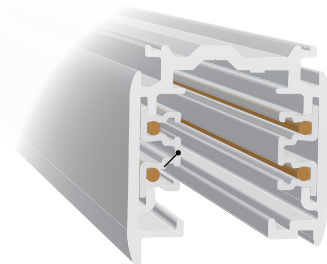
- Architectural grade extruded aluminum
- Polarity ridge is located on face of track to indicate position of track adapters
- Available in white, black or silver
- Field cuttable to desired lengths

MOUNTING OPTIONS

Track can be surface, recessed, stem, threaded rod, cable or mounted to T-bar grid

LISTING/WARRANTY

- UL Listed to US and Canadian Standards for dry locations.
- One (1) Year Limited Warranty



1) Independent Neutral

Enable greater power capacity (2x20A). Dimming capability to dim on two independent circuits without harmonics or interference on the neutral conductor.

2) Oversized Conductors

For higher operation safety and reduced overload potential.

3) Secure Bus Bar Insulation

Firmly crimped insulation secures both conductors and insulation for the life of the product.

4) Separate Mechanical Suspension Points

Provides superior weight bearing capacity; ensures electrical contact integrity and reduces likelihood of arcing.

5) Polarity Ridge

Takes the guesswork out of connector and track alignment during installation.

Track Part Number (Example: IPS8W)

Track Length	Finish
IPS4 (4 Feet)	W (White)
IPS8 (8 Feet)	B (Black)
IPS12 (12 Feet)	SV (Silver)

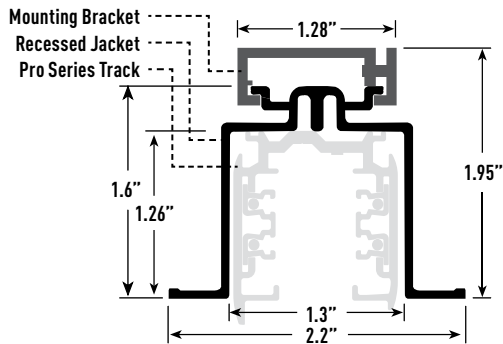
Professional Series TEK Track Mounting Options

Two Circuit / Two Neutral

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RECESSED MOUNT

For safe recessed mounting applications use a recessed jacket for each track section. Must order recessed jacket, mounting brackets and track separately.



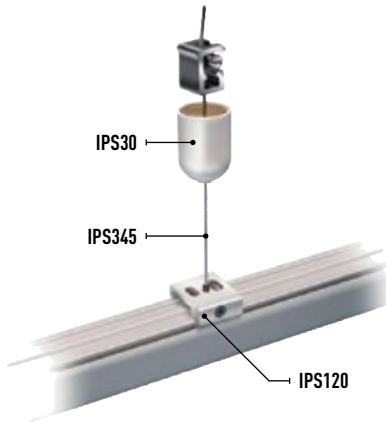
Recessed Jacket Dimensions	Catalog #	Nominal Length	Actual Length
IPS4RJ		4'	51.5"
IPS8RJ		8'	99.5"
IPS12RJ		12'	147.5"

Recessed Jacket Length	Finish
IPS4RJ (4 Feet - requires two IPS120)	W (White)
IPS8RJ (8 Feet - requires three IPS120)	B (Black)
IPS12RJ (12 Feet - requires four IPS120)	

Mounting Bracket	Recessed Dead End
IPS120W (White)	Pair of (2) Dead Ends (field-paintable)
IPS120B (Black)	IPS213R (Raw / Unpainted)

CABLE MOUNT

Must order ceiling cups, suspension cable and mounting brackets separately.



Ceiling Cup
For cable or threaded rod

IPS30W (White)
IPS30B (Black)

Suspension Cable

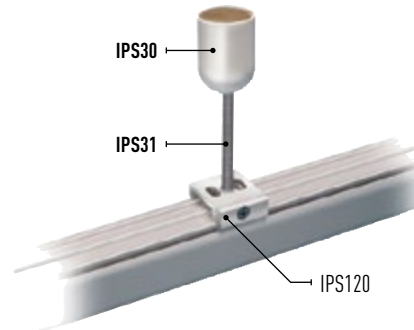
IPS345 (5' Cable)
IPS349 (9' Cable)

Mounting Bracket

IPS120W (White)
IPS120B (Black)

THREADED ROD MOUNT

Must order ceiling cups, suspension cable and mounting brackets separately.



Ceiling Cup
For cable or threaded rod

IPS30W (White)
IPS30B (Black)

Threaded Rod
Diameter: 1/4" / Length: 6'

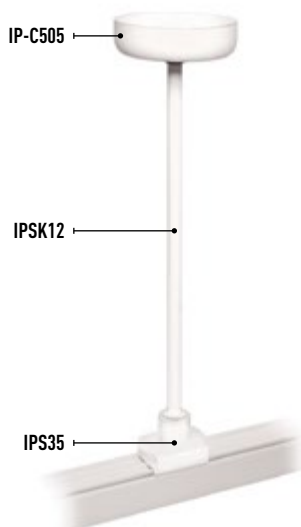
IPS31 (6' Threaded Rod)

Mounting Bracket

IPS120W (White)
IPS120B (Black)

STEM MOUNT

Must order canopies, stems and stem suspension points separately.



Stems
Diameter: 3/8"

Finish

IPSK12 (12" Stem) W (White)
IPSK18 (18" Stem) B (Black)
IPSK24 (24" Stem)
IPSK48 (48" Stem)

Canopy
Diameter: 5" / Height: 1 1/2"

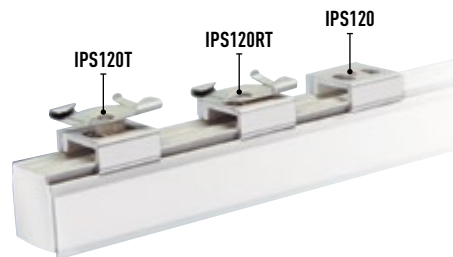
IP-C505-B (Black)
IP-C505-W (White)

Stem Suspension Point
Includes bracket and cover. Stem not included.

IPS35B (Black)
IPS35W (White)

T-BAR MOUNT

Must order T-Bar clamps and mounting brackets separately.



T-Bar Ceiling Clamp

IPS120TW (White)
IPS120TB (Black)

Recessed T-Bar Ceiling Clamp

IPS120RTW (White)
IPS120RTB (Black)

Mounting Bracket

IPS120W (White)
IPS120B (Black)

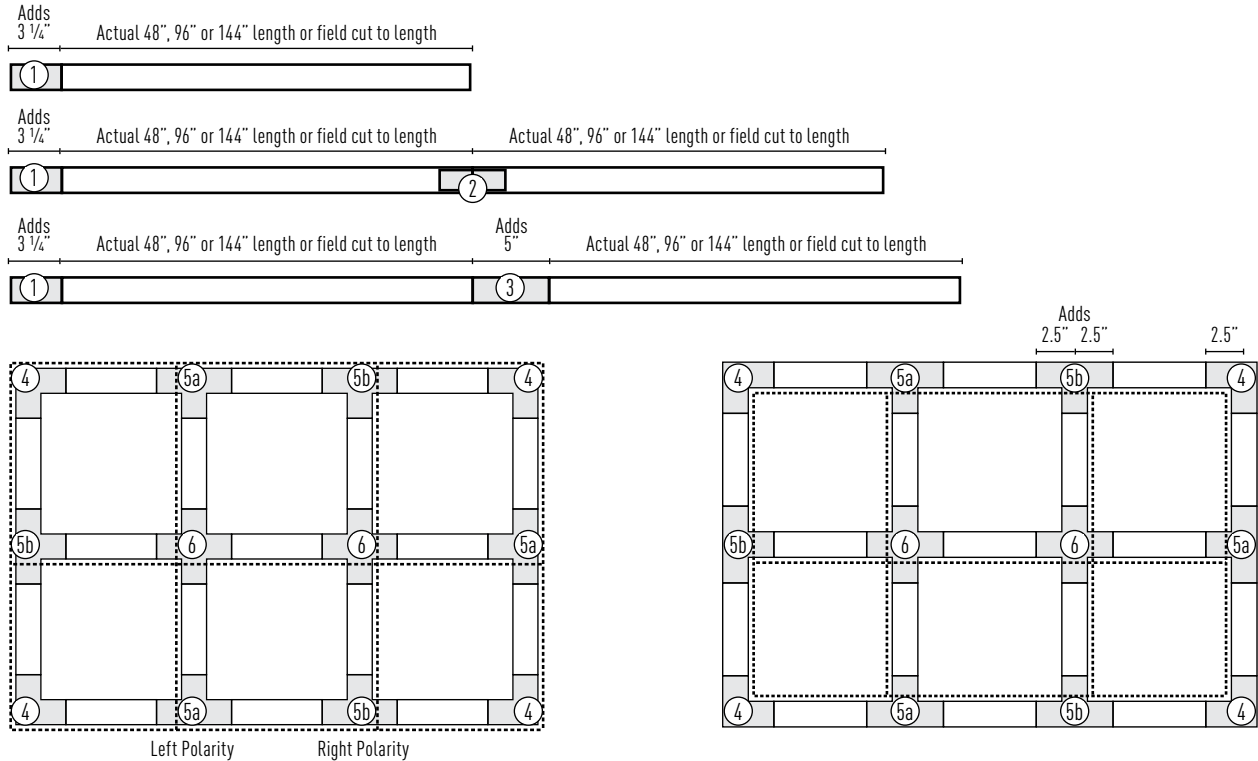
Professional Series TEK Track Feeds / Connectors - 120V








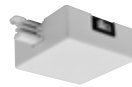
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TRACK CONFIGURATIONS

Professional series track is polarized and is manufactured with an identifying polarity ridge (dashed line on diagrams). Refer to these diagrams to ensure proper connector selection.



<div>①</div> <div>Live End Feed Connector - 120V Power feed added to end of track run. Adds 3 1/4" to the start of a run.</div> <div></div> <div><table><tr><th>Live End Feed</th><th>Finish</th></tr><tr><td>IPS201 (Live End Feed)</td><td>W (White)</td></tr><tr><td>IPS201R (Reversed Polarity Live End Feed)</td><td>B (Black)</td></tr><tr><td></td><td>SV (Silver)</td></tr></table></div>	Live End Feed	Finish	IPS201 (Live End Feed)	W (White)	IPS201R (Reversed Polarity Live End Feed)	B (Black)		SV (Silver)	<div>②</div> <div>Linear Coupler Connector To join two track sections end-to-end. Adds no length to track run.</div> <div></div> <div><table><tr><th>Linear Coupler</th></tr><tr><td>IPS208W (White)</td></tr><tr><td>IPS208B (Black)</td></tr><tr><td>IPS208SV (Silver)</td></tr></table></div>	Linear Coupler	IPS208W (White)	IPS208B (Black)	IPS208SV (Silver)	<div>③</div> <div>Straight Feed Connector - 120V To connect two track sections end-to-end. Can be used as a power feed.</div> <div></div> <div><table><tr><th>Straight Feed</th></tr><tr><td>IPS203W (White)</td></tr><tr><td>IPS203B (Black)</td></tr><tr><td>IPS203SV (Silver)</td></tr></table></div>	Straight Feed	IPS203W (White)	IPS203B (Black)	IPS203SV (Silver)									
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<div>④</div> <div>"L" Connector - 120V To connect two track sections in a 90° "L" shape. Can be used as a power feed. Adjustable polarity.</div> <div></div> <div><table><tr><th>"L" Connector</th></tr><tr><td>IPS206W (White)</td></tr><tr><td>IPS206B (Black)</td></tr><tr><td>IPS206SV (Silver)</td></tr></table></div>	"L" Connector	IPS206W (White)	IPS206B (Black)	IPS206SV (Silver)	<div>⑤</div> <div>"T" Connector - 120V To connect three track sections in a "T" shape. Can be used as a power feed.</div> <div></div> <div><table><tr><th>"T" Connector</th><th>Finish</th></tr><tr><td>IPS205L (Left Polarity)</td><td>W (White)</td></tr><tr><td>IPS205R (Right Polarity)</td><td>B (Black)</td></tr><tr><td></td><td>SV (Silver)</td></tr></table></div>	"T" Connector	Finish	IPS205L (Left Polarity)	W (White)	IPS205R (Right Polarity)	B (Black)		SV (Silver)	<div>⑥</div> <div>"X" Connector - 120V To connect four track sections in a "X" shape. Can be used as a power feed.</div> <div></div> <div><table><tr><th>"X" Connector</th></tr><tr><td>IPS207W (White)</td></tr><tr><td>IPS207B (Black)</td></tr><tr><td>IPS207SV (Silver)</td></tr></table></div>	"X" Connector	IPS207W (White)	IPS207B (Black)	IPS207SV (Silver)									
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<div>Adjustable Connector To connect two track section at any angle up to 90°. Cannot be used as a power feed.</div> <div></div> <div><table><tr><th>Adjustable</th></tr><tr><td>IPS204W (White)</td></tr><tr><td>IPS204B (Black)</td></tr><tr><td>IPS204SV (Silver)</td></tr></table></div>	Adjustable	IPS204W (White)	IPS204B (Black)	IPS204SV (Silver)	<div>Current Limiter End Feed - 120V Limits the amount of electrical load that can be placed on the circuit. (2) Self luminous ON/OFF breaker switches.</div> <div></div> <div><table><tr><th>Current Limiter</th><th>Circuit 1 Breaker</th><th>Circuit 2 Breaker</th></tr><tr><td>IPS225W (White)</td><td>-1A (120W/1A)</td><td>-1A (120W/1A)</td></tr><tr><td>IPS225B (Black)</td><td>-2A (300W/2.5A)</td><td>-2A (300W/2.5A)</td></tr><tr><td>IPS225SV (Silver)</td><td>-5A (600W/5A)</td><td>-5A (600W/5A)</td></tr><tr><td></td><td>-7A (900W/7.5A)</td><td>-7A (900W/7.5A)</td></tr><tr><td></td><td>-10A (1200W/10A)</td><td>-10A (1200W/10A)</td></tr><tr><td></td><td>-12A (1440W/12A)</td><td>-12A (1440W/12A)</td></tr></table></div>		Current Limiter	Circuit 1 Breaker	Circuit 2 Breaker	IPS225W (White)	-1A (120W/1A)	-1A (120W/1A)	IPS225B (Black)	-2A (300W/2.5A)	-2A (300W/2.5A)	IPS225SV (Silver)	-5A (600W/5A)	-5A (600W/5A)		-7A (900W/7.5A)	-7A (900W/7.5A)		-10A (1200W/10A)	-10A (1200W/10A)		-12A (1440W/12A)	-12A (1440W/12A)
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	-10A (1200W/10A)	-10A (1200W/10A)																									
	-12A (1440W/12A)	-12A (1440W/12A)																									

TRACK LIGHTING L/M-0923-20 P-3

INTENSE LIGHTING | 3340 E La Palma Ave, Anaheim, CA 92806 | tel 714 630-9877 | fax 714 630-9883

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

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Professional Series TEK Track Accessories

Two Circuit / Two Neutral

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

Outlet Box Cover

Can be used on standard junction box.
Compatible with IPS201, IPS203, IPS205, IPS206, IPS207



Outlet Box Cover

SMTC300-2 (Black)
SMTC300-3 (White)

Monopoint

Mounts permanently to junction box.



Monopoint

IPS217W (White)
IPS217B (Black)
IPS217SV (Silver)

Bending Tool

Tool is for bending conductors when track is cut in the field.



Bending Tool

IPS-BEND (Bending Tool)

Dead End

Mounts to the end of track section.



Dead End

IPS213W (White)
IPS213B (Black)
IPS213SV (Silver)