



Trac 12/25 and Trac 12™ Systems

Miniature low voltage systems for linear and accent lighting

juno®

Juno® Trac 12/25 and Trac 12™ System Comparisons

The original Trac 12 and the rigid profile, higher amperage Trac 12/25 systems each offer unique features and advantages that are best suited for particular applications. Both systems accept the full complement of Trac 12 linear and spotlight fixtures.

Trac 12/25

Trac 12/25 offers a rigid aluminum profile and an increased 25-amp capacity that make it ideally suited for general display lighting and longer cove lighting runs. The rigid profile requires fewer installation mounting points, holds straight and true over long runs, and can be surface or pendant mounted. The increased 25-amp capacity allows more fixtures per run of track, which can reduce the installed system cost.

Key Features

- 25 amps per circuit: 300 watts at 12 volts or 600 watts at 24 volts
- Miniature 5/8"H x 15/16"W rigid aluminum profile
- For surface or suspended mounting
- White or black finish

Best Applications

- Ceiling or pendant mounted track display lighting
- Longer linear lighting cove or casework runs up to 600 watts





Trac 12™

Trac 12 is the original extruded thermoplastic 20-amp system that Juno introduced when it first pioneered the concept of miniature low voltage track. It is optimized for cabinetry, coves, kick-spaces, undercabinet, special displays, exhibits and other confined spaces where minimal size is required, either because the track must be concealed from view or is being mounted closer to eye level.

Key Features

- 20 amps maximum per circuit: 240 watts at 12 volts or 480 watts at 24 volts
- Ultra-miniature 3/8"H x 3/4"W thermoplastic profile
- Surface mounting only
- White or black finish

Best Applications

- Linear lighting in or around cabinetry and casework
- Shorter cove lighting runs up to 480 watts
- Displays, exhibits and kiosks where short track runs are mounted closer to eye level

Juno® Trac 12/25 Low Voltage Track System

Trac 12/25 Low Voltage Track System

The Trac 12/25 system combines the 25-amp capacity of 10-gauge conductors with a miniature rigid profile that can be surface mounted or pendant suspended.

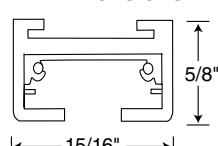
The system operates using remotely located 12-volt or 24-volt transformers. A maximum of 300 watts (12 volts) or 600 watts (24 volts) can be placed per circuit of track.

Key Features

- 10-gauge solid copper conductors with 25-amp capacity
- Rigid aluminum miniature 5/8" H x 15/16" W profile
- Accepts all standard Trac 12™ luminaires
- Can be surface or pendant mounted
- Can be cut to length by installer



Catalog #	Finish	Description	Dimensions
TLVR 2FT WH	White	2' track (actual length 20 5/8")	
TLVR 2FT BL	Black		
TLVR 4FT WH	White	4' track (actual length 44 5/8")	
TLVR 4FT BL	Black		
TLVR 6FT WH	White	6' track (actual length 68 5/8")	
TLVR 6FT BL	Black		
TLVR 8FT WH	White	8' track (actual length 92 5/8")	
TLVR 8FT BL	Black		



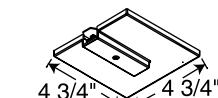
Trac 12/25 track Sections include dead-end and mounting hardware

Electrical Feeds and Dead End



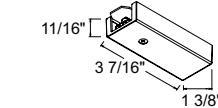
End Feed Connector and Outlet Box Cover

Catalog #	Finish	Description	Dimensions
TLR21 WH	White		
TLR21 BL	Black	• Allows track to be fed via remote transformer from an outlet box • Includes terminal block, cover and mounting plate	



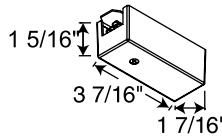
End Feed Connector

Catalog #	Finish	Description	Dimensions
TLR38 WH	White		
TLR38 BL	Black	• Allows track to be fed via remote transformer from above using standard 1/2" electrical connector • Includes terminal block feed connector and cover	



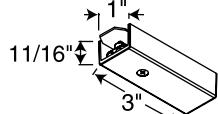
End Feed Connector and Conduit Feed

Catalog #	Finish	Description	Dimensions
TLR34 WH	White		
TLR34 BL	Black	• Allows track to be fed via remote transformer with conduit through the end or top using standard 1/2" electrical connector • Includes terminal block feed connector, mounting plate and cover	



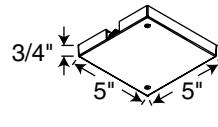
Pendant End Feed Connector

Catalog #	Finish	Description	Dimensions
TLR50 WH	White		
TLR50 BL	Black	• Use with TLR90, TLR91 or TLR96 to feed from end of track • Includes terminal block feed connector, mounting plate and cover	



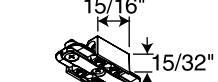
Outlet Box/T-Bar Ceiling Feed Canopy

Catalog #	Finish	Description	Dimensions
TLR36 WH	White		
TLR36 BL	Black	• Mounts over outlet boxes or on T-Bar ceiling to feed up to four tracks • Includes one terminal block connector, mounting plate and cover • To feed more than one track, order additional TLR36TB connectors • Requires T-Bar clip (TLR37) for T-bar installation	



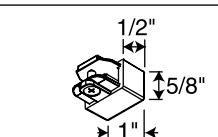
Terminal Block Connector

Catalog #	Finish	Description	Dimensions
TLR36TB WH	White		
TLR36TB BL	Black	• For use with TLR36	



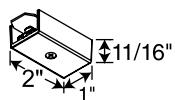
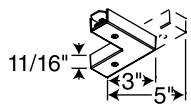
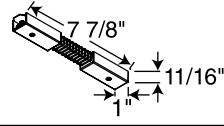
Dead End

Catalog #	Finish	Description	Dimensions
TLR28 WH	White		
TLR28 BL	Black	• Dead end to use on extra field-cut track sections	

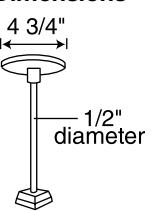
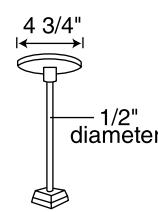


Juno® Trac 12/25 Low Voltage Track System

Track Joiners and T-Bar Attachment Clip

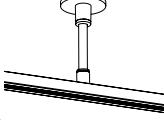
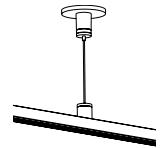
 Miniature Straight Connector	Catalog #	Finish	Description	Dimensions
	TLR23 WH	White	• Joins two track sections end-to-end	
 Adjustable Connector	Catalog #	Finish	Description	Dimensions
	TLR24 WH	White	• Joins two track sections to form a 90-degree corner or straight coupling	
 Accordion Adjustable Joiner	Catalog #	Finish	Description	Dimensions
	TLR20 WH	White	• Joins two track sections at variable angles to left, right, up or down	
 T-Bar Attachment Clip	Catalog #		Description	
	TLR37		• TLR37 T-Bar Clip attaches to 15/16" inverted T-bar ceiling	
	TLR37916		• TLR37916 T-Bar Clip attaches to 9/16" inverted T-bar ceiling	
			• Both clips are compatible with flush tile or drop tile ceilings	
			• Two required for 2' or 4' sections, three required for 6' or 8' sections	

Pendant Mounting Accessories

 T-Bar Ceiling Pendant Stem Feed & Mechanical Support	Catalog #	Finish	Description	Dimensions
	TLR90 12IN WH	White	• For pendant mounting Trac 12/25 to 15/16" T-bar ceilings	
 Rigid Ceiling Pendant Stem Feed & Mechanical Support	TLR90 12IN BL	Black	• 12", 18", 24", 36", 48" stem lengths	
	TLR90 18IN WH	White	• Use two for 2', 4' or 6' of track or three for 8' of track	
 Rigid Ceiling Pendant Stem Feed & Mechanical Support	TLR90 18IN BL	Black	• For electrical feed, order TLR50 Pendant End Feed Connector	
	TLR90 24IN WH	White		
 Rigid Ceiling Pendant Stem Feed & Mechanical Support	TLR90 24IN BL	Black		
	TLR90 36IN WH	White		
 Rigid Ceiling Pendant Stem Feed & Mechanical Support	TLR90 36IN BL	Black		
	TLR90 48IN WH	White		
 Rigid Ceiling Pendant Stem Feed & Mechanical Support	TLR90 48IN BL	Black		
 Rigid Ceiling Pendant Stem Feed & Mechanical Support	Catalog #	Finish	Description	Dimensions
	TLR91 12IN WH	White	• For pendant mounting Trac 12/25 to rigid ceilings	
 Rigid Ceiling Pendant Stem Feed & Mechanical Support	TLR91 12IN BL	Black	• 12", 18", 24", 36", 48" stem lengths	
	TLR91 18IN WH	White	• Use two for 2', 4' or 6' of track or three for 8' of track	
 Rigid Ceiling Pendant Stem Feed & Mechanical Support	TLR91 18IN BL	Black	• For electrical feed, order TLR50 Pendant End Feed Connector	
	TLR91 24IN WH	White		
 Rigid Ceiling Pendant Stem Feed & Mechanical Support	TLR91 24IN BL	Black		
	TLR91 36IN WH	White		
 Rigid Ceiling Pendant Stem Feed & Mechanical Support	TLR91 36IN BL	Black		
	TLR91 48IN WH	White		
 Rigid Ceiling Pendant Stem Feed & Mechanical Support	TLR91 48IN BL	Black		

Juno® Trac 12/25 Low Voltage Track System

Pendant Mounting Accessories (cont)

	Catalog #	Finish	Description	
	TLR92 12IN WH	White		
Pendant Stem Mechanical Support	TLR92 12IN BL	Black		
	TLR92 18IN WH	White		
	TLR92 18IN BL	Black		
	TLR92 24IN WH	White		
	TLR92 24IN BL	Black		
	TLR92 36IN WH	White		
	TLR92 36IN BL	Black		
	TLR92 48IN WH	White		
	TLR92 48IN BL	Black		
	Catalog #	Finish	Description	
Pendant Stem Coupling	T96 WH	White		
	T96 BL	Black		
	Catalog #	Finish	Description	
Sloped Ceiling Adapter	T94 WH	White		
	T94 BL	Black		
	Catalog #	Finish	Description	
Stainless Steel Cable Mechanical Support	TLR95 48IN WH	White		
	TLR95 48IN BL	Black		
	TLR95 144IN WH	White		
	TLR95 144IN BL	Black		

Juno® Trac 12™ Low Voltage Track System

Trac 12™ Low Voltage Track System

The Trac 12 series is the original miniature low voltage system that combines a 20-amp capacity with an extremely miniature engineered plastic profile. The system operates using remotely located or in-line 12-volt or 24-volt transformers. A maximum of 240 watts (12 volts) or 480 watts (24 volts) can be placed per circuit of track.

Key Features:

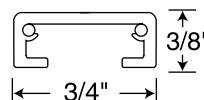
- 12-gauge solid copper conductors with 20-amp capacity
- Engineered thermoplastic ultra-miniature 3/8" H x 3/4" W profile
- Accepts all standard Trac 12 luminaires
- Can be cut to length by installer

Trac 12™ Track Sections Includes end feed connector, dead end and mounting hardware. End feed connector converts to a straight connector when joining multiple track sections.

NOTE: When joining track sections, overall length is 1 7/16" shorter than individual track section lengths.



Catalog #	Finish	Description	Dimensions
TLV 2FT WH	White	2' track (actual length 20 5/8")	
TLV 2FT BL	Black		
TLV 4FT WH	White	4' track (actual length 44 5/8")	
TLV 4FT BL	Black		
TLV 8FT WH	White	8' track (actual length 92 5/8")	
TLV 8FT BL	Black		

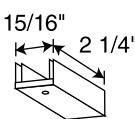


Electrical Feeds



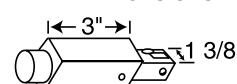
End Feed Connector/
Straight Joiner with
Dead End

Catalog #	Finish	Description	Dimensions
TL38 WH	White		
TL38 BL	Black	<ul style="list-style-type: none">• For use with field cut-off track sections.• Includes terminal block connector with cover and dead end• Terminal block connector also serves as a straight joiner to join two track sections	



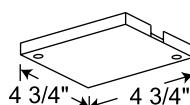
End Feed Connector and
Conduit Feed

Catalog #	Finish	Description	Dimensions
TL34 WH	White		
TL34 BL	Black	<ul style="list-style-type: none">• Allows track to be fed via remote transformer with conduit through the end or top using standard 1/2" electrical connector• Includes mounting plate, surface conduit adapter and cover	



Outlet Box/T-Bar
Ceiling Canopy

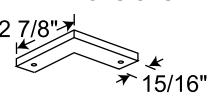
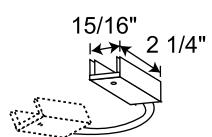
Catalog #	Finish	Description	Dimensions
TL21 WH	White		
TL21 BL	Black	<ul style="list-style-type: none">• May be mounted over outlet boxes or on T-bar ceiling runners to feed up to four track sections via a remote transformer.• Includes mounting plate and cover with four breakouts.• Requires TLR37 or TLR37916 for T-bar ceiling installation	



The product and system may be covered by the following United States patent: US 5,336,100

Juno® Trac 12™ Low Voltage Track System

Joiner Connectors

	Catalog #	Finish	Description	Dimensions
Right Angle Joiner	TL24 WH TL24 BL	White Black	• Joins two track sections to form a 90-degree corner. Includes one terminal block connector with cover and joiner wires	
	Catalog #	Finish	Description	Dimensions
Adjustable Joiner	TL20 WH TL20 BL	White Black	• Joins two track sections at variable angles to left, right, up or down. Includes one terminal block connector with cover and 4" flexible joiner cable	

Mounting Accessories

	Catalog #	Description
T-Bar Attachment Clip	TLR37 TLR37916	<ul style="list-style-type: none">• TLR37 T-Bar Clip attaches to 15/16" inverted T-bar ceiling• TLR37916 T-Bar Clip attaches to 9/16" inverted T-bar ceiling• Both clips are compatible with flush tile or drop tile ceilings• Two required for 2' or 4' sections, three required for 6' or 8' sections

Juno® Trac 12™ Electronic Transformers

Direct Wire Electronic Transformers

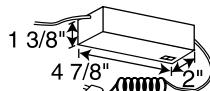
LED



60-Watt Surface Mount Transformer

Catalog #	Finish	Description	Dimensions
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- TL544 LED 60W 120 12AC 6CP WH** White
TL544 LED 60W 120 12AC 6CP BL Black
- 12V-60VA LED-Compatible Surface Mount Transformer
 - Low profile 12 volt electronic transformer
 - Rated for 0-60 watts for LED or incandescent loads
 - 6' three-wire cord set and 4 1/2" leads with mating connector for TL43 monopoint
 - Rocker on/off switch



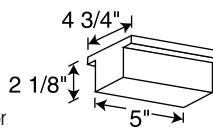
LED



Canopy Transformer

Catalog #	Finish	Description	Dimensions
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- TL566 LED 100W 120 12AC WH** White
TL566 LED 100W 120 12AC BL Black
- 12V-100VA LED-Compatible Canopy Mount Transformer
 - Canopy with 12 volt electronic transformer mounts over 120 volt outlet box to end-feed one track section or center feed two track sector
 - Rated for 0-100 watts for LED or incandescent loads
 - Supplied with mounting plate
 - Not designed for use with Trac 12/25 track



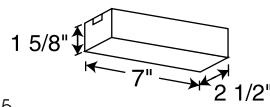
Incandescent



Surface Transformer

Catalog #	Finish	Description	Dimensions
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- TL547 150W 120 12AC WH** White
TL547 150W 120 12AC BL Black
- Low profile electronic 12-volt transformer for loads between 50-150 watts. Incandescent only
 - May be installed in-line with track (Trac 12 only) or remotely mounted up to 5' away (Trac 12 or Trac 12/25)
 - 120-volt supply can be fed into end or top using standard 1/2" electrical connectors
 - Includes on/off push button switch



LED

Catalog #	Finish	Description	Dimensions
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- TL567 LED 100W 120 12AC WH** White
TL567 LED 100W 120 12AC BL Black
- 12V-100VA LED-Compatible Surface Mount Transformer
 - 12 volt electronic transformer
 - Rated for 0-100 watts for LED or incandescent loads
 - For in-line (Trac 12 track only) or remote installation up to 5' away (Trac 12 or Trac 12/25)
 - End or top feed supply wiring using 1/2" electrical connectors
 - Includes on/off push button switch

Juno® Trac 12™ & Trac 12/25 Electronic Transformers

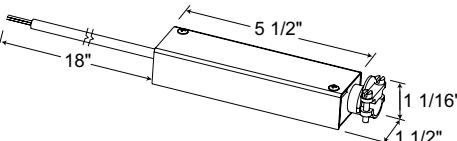
12V Electronic Transformers (LED-Compatible)

Trac 12 LED-compatible electronic driver/transformers are compact and lightweight — and thus ideal for mounting in close proximity to the track. They are designed for 120-volt input and may be dimmed using a variety of dimmers qualified by Juno for use with a non-resistive LED load. See specification sheet for a list of qualified dimmers. These driver/transformers are recommended for track run lengths not exceeding 21 feet. TL601E is supplied with 18" jacketed secondary wire; TL602E has an open slot in the housing for Class 2 secondary wires to exit. While specifically designed for use with Trac 12 LED luminaires, these electronic transformers are also compatible with incandescent luminaires. Consult factory for other available wattages.



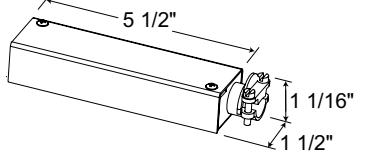
Ordering Information

Ordering Examples: **TL601E 75W 120 12AC 6CP WH**

Series	Wattage	Input Voltage	Output Voltage	Factory Installed Options	Finish	Dimensions
TL601E Electronic Driver/ Transformer	10W 10 Watts 25W 25 Watts 60W 60 Watts 75W 75 Watts	120 120VAC	12AC 12VAC	6CP 6FT Cord & Plug	BL Black WH White	

Ordering Information

Ordering Examples: **TL602E 10W 120 12AC 6CP WH**

Series	Wattage	Input Voltage	Output Voltage	Factory Installed Options	Finish	Dimensions
TL602E Electronic Driver/ Transformer	10W 10 Watts 25W 25 Watts 60W 60 Watts	120 120VAC	12AC 12VAC	6CP 6FT Cord & Plug	WH White	

12V Plug-In Electronic Transformers (LED-Compatible)



60-Watt Plug-In
Transformer

Catalog

TL548 LED 60W 120 12AC WH
TL548 LED 60W 120 12AC BL

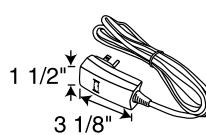
Finish

White
Black

Description

- Integral plug-in 12-volt transformer for incandescent-only loads up to 60 watts.
- Supplied with 10' of two-wire cord and On/Off line cord switch.
- May also be used with Trac 12/25 track.

Dimensions

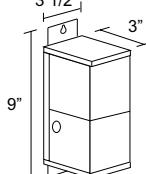


Juno® Trac 12™ & Trac 12/25 Magnetic Transformers

Remote Mount Magnetic Transformers

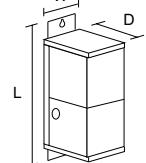
Remote Mount Magnetic Transformers are designed to be installed in remote locations such as basements, attics, plenums and electrical closets. The location must be accessible and well ventilated with ambient temperatures below 140°F. 12-volt transformers are typically used for spotlighting applications due to the ready availability of 12-volt MR11 and MR16 lamps. These transformers are designed for either 120-volt or 277-volt input, and have premium resettable magnetic circuit breakers, dual-tap standard/boost tap primary input leads to adjust for voltage drop and may be dimmed using dimmers qualified by Juno. See specification sheets for dimming recommendations. Primary and secondary circuits are physically and electrically isolated and grounded. Remote Mount Magnetic Transformers are compatible with all Trac 12 low voltage luminaires including halogen and LED (12V transformers only).

12V AC Class 2 Remote Mount Magnetic Transformer

Ordering Information								Ordering Examples: MAGXFMR 1C 60W 120 12AC 6CP BL	
Series	Number of Circuits	Wattage	Input Voltage	Output Voltage	Factory Installed Options	Finish	Dimensions		
MAGXFMR Remote Magnetic Transformer	1C 1 Circuit	10W¹ 10 Watts 25W¹ 25 Watts 60W 60 Watts	120 120VAC	12AC 120VAC	6CP 6FT Cord & Plug ¹	BL Black			

¹ 6CP option not available with 10W and 25W versions.

12V AC Class 1 Remote Mount Magnetic Transformer

Ordering Information								Ordering Examples: MAGXFMR 1C 300W 120 12AC BL	
Series	Number of Circuits	Wattage	Input Voltage	Output Voltage	Factory Installed Options	Finish	Dimensions		
MAGXFMR Remote Magnetic Transformer	1C 1 Circuit	20W 20 Watts 40W 40 Watts 75W 75 Watts 150W 150 Watts 240W 240 Watts 300W 300 Watts	120 120VAC 277 277VAC ¹	12AC 12VAC	6CP 6FT Cord & Plug ²	BL Black			

¹ 277VAC option only available with 20W, 40W, 75W, 150W, 240W, 300W versions

² 6CP option only available with 120VAC versions, and only on 20W, 40W and 75W versions.

Availability of MAGFMR with 6CP may be limited.

Transformer Dimensions

Type	Length (L)	Width (W)	Depth (D)
1-Circuit	10-3/4"	4-3/8"	4-1/8"

Juno® Trac 12 Extension Wands & Monopoints

Extension Wands

Trac 12 extension wands allow any Trac 12 fixture to be suspended without having to lower the track section itself. For use with either Trac 12/25 track, Trac 12 track or Monopoints.

Catalog #	Finish	Overall Length
TLRW 12IN WH	White	14"
TLRW 12IN BL	Black	
TLRW 18IN WH	White	20"
TLRW 18IN BL	Black	
TLRW 24IN WH	White	26"
TLRW 24IN BL	Black	
TLRW 36IN WH	White	38"
TLRW 36IN BL	Black	
TLRW 48IN WH	White	50"
TLRW 48IN BL	Black	



Monopoints

Trac 12™ Monopoints with Integral Transformer

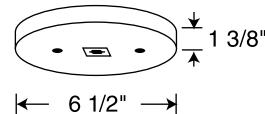
Trac 12 Monopoints increase the versatility of Trac 12 luminaires, allowing them to be mounted where track sections may not offer the best aesthetic or functional solution. Each monopoint includes an integral transformer to power one fixture.

Surface Monopoints



Cylindrical Surface Monopoint with Integral Transformer

Catalog #	Finish	Description	Dimensions
TL540 LED WH	White	• Mounts over standard ceiling outlet boxes	
TL540 LED BL	Black	• Includes 12V 50VA electronic transformer • Accepts one Juno Trac 12 LED or halogen luminaire up to 60W max. • 120V input	

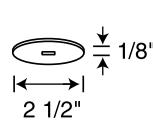


Recessed Monopoints



Recessed Monopoint,
New Construction
& Remodel

Catalog #	Finish	Description	Dimensions
TL644 60W 120 12AC WH	White	• For new construction or remodel installation	
TL644 60W 120 12AC BL	Black	• Installs from below the ceiling or wall surface, in 2 x 6 construction up to 3/4" max. surface thickness • Includes 12V 50VA electronic transformer • Includes TC rated recessed wiring compartment with universal electrical connector which accepts 3/8" flexible conduit or non-metallic sheathed cable (Type NM) • Recessed section is 3" high and 8" long. • No visible mounting screws • Accepts one Juno Trac 12 LED or halogen luminaire up to 60W max. • 120V input	

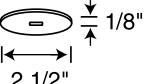
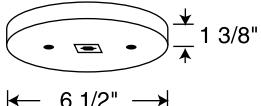


Monopoints

Trac 12™ Remote Powered Monopoints

Trac 12 Monopoints increase the versatility of Trac 12 luminaires, allowing them to be mounted where track sections may not offer the best aesthetic or functional solution. Each monopoint must be connected to a remote transformer to power one fixture.

Remote Powered Monopoints

	Catalog #	Finish	Description	Dimensions
Mini-Monopoint for Remote Transformer	TL43 WH TL43 BL	White Black	<ul style="list-style-type: none">Mounts directly into ceiling, wall or cabinet surfaces with no visible mounting screwsIncludes mounting retaining spring and 50" of wire with mating connector to TL544 transformer (ordered separately)Accepts one Juno Trac 12 LED or halogen luminaire up to 60W max.	
	Catalog #	Finish	Description	Dimensions
Monopoint for Remote Transformer	TL40 WH TL40 BL	White Black	<ul style="list-style-type: none">Mounts over standard ceiling outlet boxes supplied with 12 or 24 volts from a remote transformerAccepts one Juno Trac 12 LED or halogen luminaire up to 60W max.	



Smaller is better

Energy-Efficient Illumination

The Trac 12 system is offered with a variety of light sources, including the latest in ultra-efficient LEDs.

An extensive range of advanced LED fixtures for linear and accent lighting applications feature unparalleled energy savings and remarkably long service life.



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