

# Track Lighting Guide

Trac-Master® | Trac-Lites™ | HD Commercial | Trac 12™

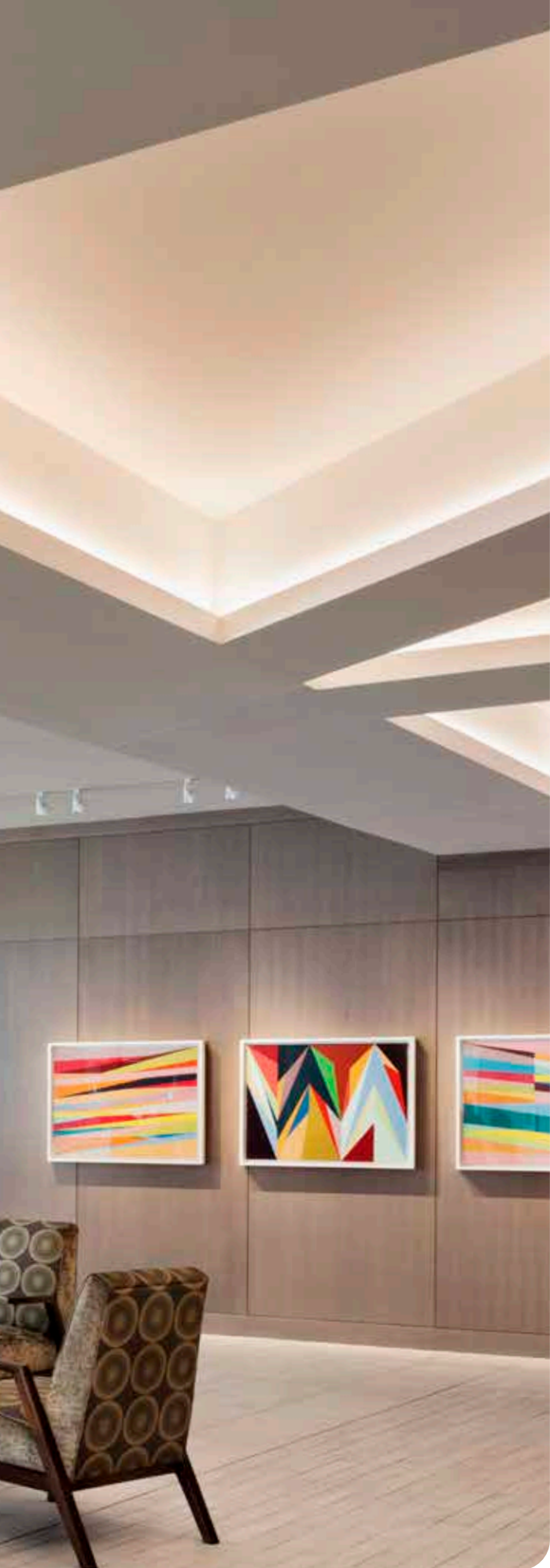


**juno**<sup>®</sup>

Design leader in the  
world of track lighting







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# Juno® ... the industry leader in track lighting systems

A culture of excellence predicated on superior design, performance and service.



## Design

Juno Trac systems are unsurpassed for innovation and style, earning industry design awards with regularity. It all starts with a commitment to engineering excellence, resulting in products that combine grace and beauty with supreme functionality. And contractors love them because installation is simple, economical and reliable. Clearly, Juno is the design leader in the world of track lighting.



## Performance

Juno Trac products perform at the highest level in terms of illumination effectiveness, energy efficiency and operational economy. With the industry's most extensive range of fixtures, light sources, mounting options, accessories and light control media, Juno products perform above-and-beyond expectations. Whatever the lighting challenge, Juno has a superlative solution.



## Service

Juno Trac has a long-held commitment to excellence in customer service. It begins with our nationwide network of sales representatives and distributors who are lighting industry experts. They are backed-up by an inside sales and service team dedicated to keeping the order, delivery, billing and communication process on track. Throughout the industry, we are renowned for pre- and post-sale service that is without equal.





Anaheim Ducks, Honda Center, Anaheim, CA (Paul Nieboer Lighting, Designer)



# Grocery



Societe des alcools du Quebec, Brossard, Quebec, Canada (Mark Steele Photography)

Successful grocery retailers excel at making their stores bright and welcoming, and their merchandise appetizing and appealing. Juno Trac systems help grocers make the right impression. From accent lighting for produce displays to decorative lighting at counters, and task lighting at checkout...Juno has the perfect solution for every track application. With a variety of efficient light sources, Juno Trac systems offer substantial energy and maintenance savings, while presenting food products in the best possible light.

# Hospitality



Bruxie Gourmet Waffles, Los Angeles, CA (Doug Salin Photography)

From restaurants to reception areas to hotel rooms, Juno Trac lighting helps welcome, acquaint and comfort guests by producing just the right ambiance. Whether creating spaciousness or intimacy, illuminating a task, or highlighting art or architectural details, Juno Trac lighting creates an engaging environment, while providing a high degree of flexibility for fine-tuning the lighting design.



# Retail



Anaheim Ducks, Honda Center, Anaheim, CA (Paul Nieboer Lighting, Designer)

Selling... it's the name of the game in retail. And successful retailers know that a properly illuminated store not only drives sales, but also reduces operating costs, resulting in a healthier bottom line. Juno Trac systems offer exceptional retail lighting solutions that create image, attract attention and enhance merchandise appeal. Combining performance, efficiency and versatility, Juno Trac systems can readily adapt to changing store configurations and offer a wide range of light sources and fixture designs to show merchandise to its best advantage.

# Commercial



Juno Trac systems play an important role in illuminating commercial, corporate and general office spaces. From reception areas to private offices and conference rooms, they are well suited to diverse applications including task lighting, accenting vertical surfaces and highlighting artwork. Juno Trac lighting is attractive and has a positive impact on employee comfort, productivity and motivation.

# Residential



From family rooms and great rooms, to kitchens and home offices, Juno Trac systems provide flexible, affordable and stylish lighting alternatives. They excel at illuminating task surfaces, artwork or vertical elements and help create mood and atmosphere. Use the miniaturized Trac 12™ system in coves and cabinets or any of the Juno systems for accent lighting anywhere in the home. Wherever you look, there is a Juno Trac lighting solution to create a special residential experience.



# Exhibit



Johnny Cash Museum, Nashville, TN (Mark Steele Photography)

Juno Trac lighting is the first choice of exhibit and display designers everywhere. The tremendous variety of systems, fixtures and options yields diverse lighting solutions, from art galleries, to kiosks, to trade show booths. Whatever the application, Juno Trac systems deliver unmatched versatility in lighting effects, mounting methods and aesthetics.

# Juno® Trac Lighting

The award-winning family of Juno Trac lighting systems provides a multitude of options for illuminating homes, offices, retail stores, hospitality establishments, and commercial facilities. Four distinct track systems include literally thousands of products designed for optimum performance, whether the challenge is display, task, accent, wall wash or general lighting.

Thanks to creative engineering, Juno Trac systems perform at the highest levels of lighting effectiveness, energy efficiency, and operating economy. LED fixtures lead the way in every category, while alternative light sources including halogen assure that there is an answer for every need and budget.



LeMay-America's Car Museum®, Tacoma, WA (Doug Salin Photography)

## LED ... on-track with today's most advanced lighting technology

Juno® Trac systems offer an ever-expanding range of LED luminaires across all its platforms. From track fixtures, to linear lighting modules, Juno's LED product development team has harnessed the very latest technologies to take full advantage of LED's spectacular benefits. Juno LED track fixtures produce high-quality light, consume just a fraction of the energy of halogen, and last up to 20-times longer. They save energy, help save the environment, and facilitate compliance with today's stringent energy codes.

**Juno Cylindra™, Vertical Cylinders, Integral Driver Cylinders, and Conix® II LED Track Fixtures** are contemporary yet timeless classics. They produce spot, narrow flood, flood, or wide flood illumination using just a fraction of the energy of halogen. The go-to choice for retail display lighting.

**Juno Arc™ LED Track Fixtures** employ a distinctive aesthetic and a unique optical system to deliver powerful illumination, while using far less energy than equivalent halogen.

**Juno Trac 12™ LED Modules** mount on the low-profile Trac 12 system for high-performance linear lighting and consume just 15% of the energy of equivalent xenon. In addition to the standard modules, exclusive WarmDim® modules that simulate the warm glow of incandescent dimming are also available.

**Juno Trac 12™ LED Mini-Cylinders and Directionals** are no bigger than the palm of your hand, but produce big-time illumination and energy savings. Ideal for residential and retail accent lighting in confined quarters.

## Masters in the art of track lighting

The Juno brand offers a dazzling array of track systems, fixture/light-source combinations, and accessories. Every product is designed to deliver optimum performance, reliability, and efficiency. And with complete fixture families available across all systems, a homogeneous ceiling appearance is easily achieved.

**Trac-Master®** is the workhorse of the Juno Trac system families, featuring the largest selection of fixtures, light sources, accessories, and options. 1-circuit or 2-circuit, line voltage or low voltage, Trac-Master has it all, does it all.

**Trac-Lites™** is an economical, low-profile system, offering an assortment of traditional fixture styles and a variety of line voltage kits. Trac-Lites track is fully compatible with Trac-Master fixtures; likewise, Trac-Lites fixtures can be used on Trac-Master track, providing ultimate design flexibility.

**HD Commercial Trac Lighting** is a 2-circuit/2-neutral system that is ideal for dimming-intensive applications or where grid layouts or more robust track systems are desired. It is available for either 120V or 277V operating environments.

**Trac 12™** is a miniaturized, low voltage system that goes where no other track system can. It provides accent lighting in cramped quarters, or fits easily into casework, coves, or displays to create linear lighting effects. **Trac12/25** is the rigid profile, higher amperage, low voltage system which is ideal for miniature suspended applications.

## Designed and Manufactured Locally

Many U.S. projects include provisions that require procurement of domestic products. These requirements typically apply to U.S. federal projects but may also apply to state or municipal funded projects. A vast assortment of Juno Trac products are manufactured in our U.S.

or North American manufacturing facilities, including all of our LED track fixtures, many non-LED track fixtures, track sticks and many of the track system components and accessories needed to fulfill a complete job bill of material. These products are constantly evolving, and our website is designed to provide the most current compliance information. For more details, please visit the extensive resource found at <https://www.acuitybrands.com/resources/buy-american> or search "Buy-American" on our website.





# Product Index



**Trac-Master®  
Multi-Lamp**

**LED Series**

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Uno/Duo™ Halogen PAR30

LED PRODUCT

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LED Vertical Cylinder

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LED Conix® II

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LED Cylindra™

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LED Flat Back Cylinder

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LED Arc™

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LED Wall Wash/Floods

**LED-Compatible Lampholders**

**Professional Halogen Series**

**Designer Series**

LED PRODUCT

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LED Die Cast Gimbal Ring PAR Lampholders

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MR16 LED-Compatible Lampholders

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Cylindra™ MR16

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Close-Ups

**Classic Series**

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Open Back Gimbals

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Front Lamping Gimbals

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Universals

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Flat Back Cylinders

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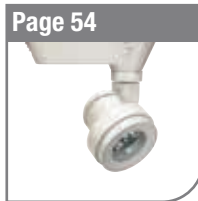
## Trac-Master® Low Voltage



MR16 LED-Compatible  
Lampholders - Liy16



MR16 LED-Compatible  
Lampholders -  
Concentricity16



Cylindra™ MR16

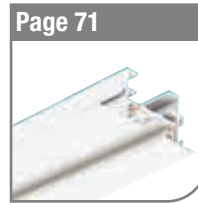
## Track System Components



One-Circuit System

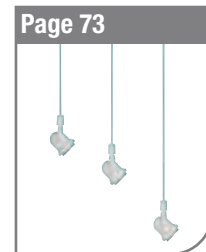


Two-Circuit System

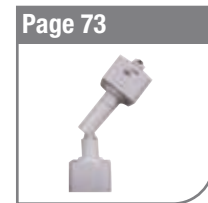


Recessed System

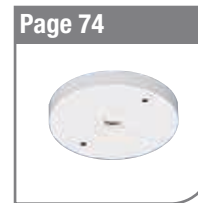
## Track System Components



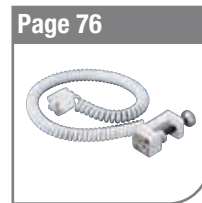
Extension Wands



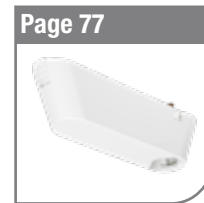
Fixture Slope  
Ceiling Adapter



Monopoints



Special Mountings

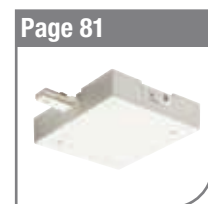


Low Voltage  
Transformers

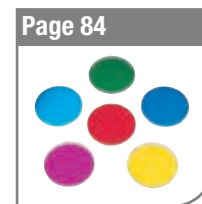
## Accessories



Silver Bullet



Current Limiting Feeds



Light Control  
Accessories



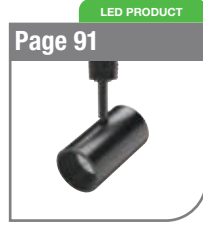
Alternate  
Track Adapters



## Trac-Lites™ LED



Integral Driver Cone -  
900 Lumens



Integral Driver Cylinder -  
1000 Lumens



Integral Driver Cylinder -  
1300 Lumens



Integral Driver Cylinder -  
2200 Lumens



Integral Driver Cylinder -  
3300 Lumens

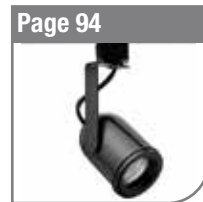


Integral Driver Cylinder  
with Adjustable Beam -  
1200 Lumens

## Line Voltage Spotlights



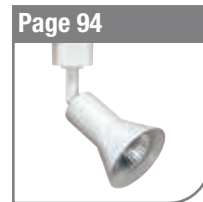
Open Back Spotlight GU10



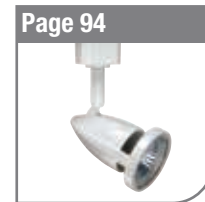
Round Back Cylinder GU10



Cast Cube GU10



Flare GU10



Odyssey GU10



Bell GU10



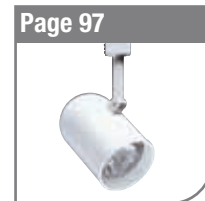
Universal



Flared Gimbals



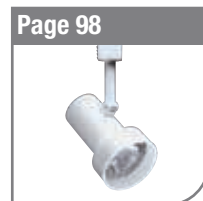
Flared Steps



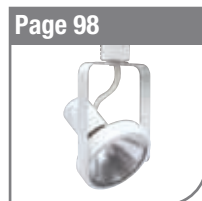
Round Back Cylinders



Flat Back Cylinders



Step Cylinders



Open Back Spotlights

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## Trac-Lites™

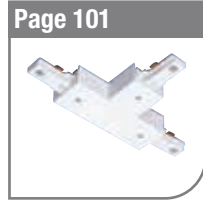
### Track System Components



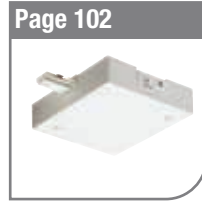
Track Sections



Electrical Feeds



Connectors



Current Limiting Feeds



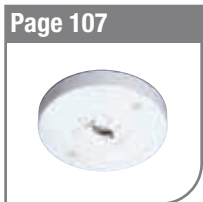
Current Limiting  
Pendant Stem Kits



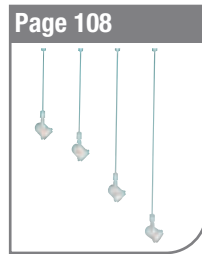
Mounting Accessories



Cable Suspension Kit



Monopoints

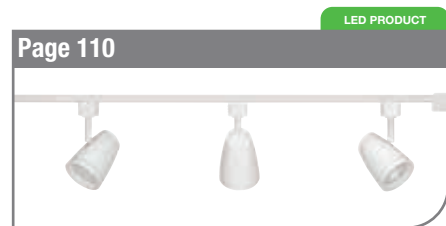


Extension Wands



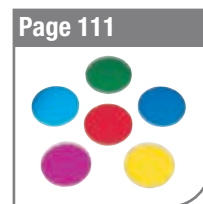
Special Mounting  
Accessories

### Track Kits



Track Kits

### Accessories



Light Control  
Accessories

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## HD Commercial Track

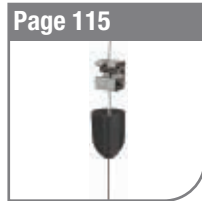
### 120V TEK Track System Components



Track Sections



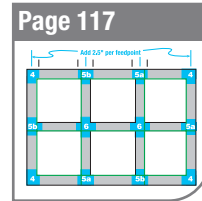
Connectors



Accessories



Compatible Fixtures



Track Configurations

### 277V HTEK Track System Components



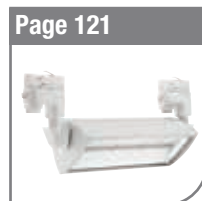
Track Sections



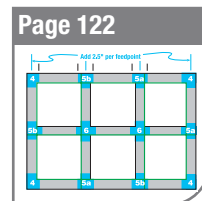
Connectors



Accessories



Compatible Fixtures



Track Configurations



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## Trac 12™

### Linear Lighting Lampholders

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WarmDim® LED Modules



Low Power LED Modules



Wedge Base Lampholder

### LED Spotlights

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LED Integral Driver Cylinder



LED Cylindra™



LED Mini-Cylinder

### MR16 Lampholders

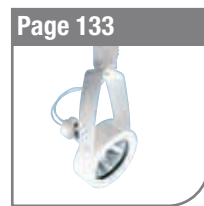
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Lily16



Cylindra™



Gimbal Rings

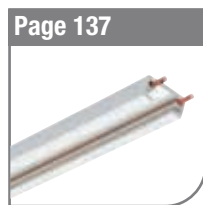
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## Trac 12™

### Track System Components



Trac 12/25 Low Voltage Track System



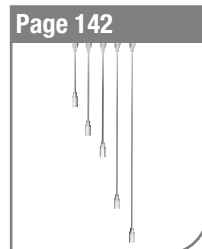
Trac 12™ Low Voltage Track System



Electronic Transformers



Remote Mount Magnetic Transformers



Extension Wands

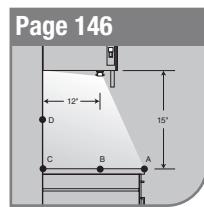
### Accessories



Monopoints



Light Control Accessories

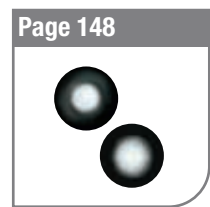


Cabinetry and Cove Lighting Guidelines  
LED or Halogen

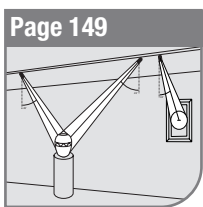


## Lighting Control & Application Tips

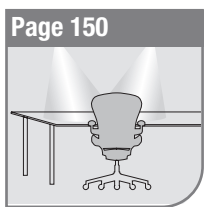
### Applying and Controlling Light



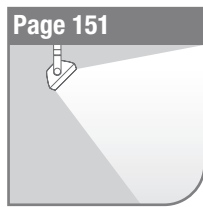
Light Control Lenses



Objects and Artwork



Task Lighting



Wall Lighting

# LED Lighting

## Fixture Selection



The task of finding the right LED fixture can be intimidating. Choices might be driven by fixture design aesthetics, or by beam distribution requirements, or by available finishes, or by power consumption limitations, or by a host of other design features or performance data. Juno Trac fixtures have you covered on all of these fronts, plus practically any other performance characteristic you can think of. More often than not, the most common starting point for this search ends up being delivered lumens.

To help guide you quickly to the lumen packages we offer, the table on the right gives you an at-a-glance breakdown of our track fixture offering based on their nominal delivered lumens. The intent of this information not to select the fixture for you. The intent is to enable you to quickly navigate to a selection of fixtures that are most likely to suit your needs. Now, not every fixture selection will as simple as just determining lumens, but hopefully this information will get you well on your way.

### For Fixtures that deliver:

< 500 Lumens	See Page:
TL114	130
500 - 999 Lumens	
R600L	90
TL381L	128
TL252L	129
1000- 1499 Lumens	
T381L	23
T261L	29
T252L	35
T271L	40
R605L	91
R606L	91
R620L	93
1500- 1999 Lumens	
T254L	36
T262L	30
T382L	24
T272L	40
2000- 2999 Lumens	
T383L	25
T263L	31
T283L	39
T258L Wall Washer	41
T256L Wall Washer	42
R610L	92
3000- 3999 Lumens	
T385L	26
T265L	32
T255L	38
T285L	39
R612L	92
4000- 4999 Lumens	
T286L	39
T387L	27
T267L	34
T259L Wall Washer	41
T257L Wall Washer	43
>5000 Lumens	
T388L	28
T260L Wall Washer	41





Toronto Maple Leafs, Air Canada Centre, Toronto, Canada (Paul Nieboer Lighting, Designer, David Whittaker Photography)

# Juno® Trac-Master®



Founded in 1976, Juno Lighting's first product in the marketplace was Juno Trac-Master track. Juno Trac-Master has been a leader in track lighting for over 45 years, setting the bar over and over with quality and value that is second to none. Leading the way with the development of our first LED platforms in 2008, our engineering experience and expertise shines through with each new product we introduce. Offering fixtures that deliver specification-grade performance, and comprehensive systems that enable flexible design and installation, Trac-Master is the obvious choice for track lighting solutions.

## Trac-Master® | Multi-Lamp

Uno/Duo™ – PAR30

### Uno/Duo™ – Open PAR30

The concentric gimbal rings springing off the bottom edge of the chiseled monolith is a perfect example of “form follows function” in design. The monolith remains perfectly aligned with the track while the gimbal ring mechanisms are free to provide broad aiming capability. On PAR30 versions, the monolith simply provides the pivot point for the gimbal rings.

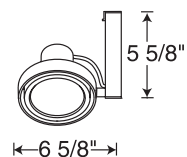


**Catalog #**  
T831 WH

**Finish**  
White

**Lamp**  
One 75W PAR30

**Dimensions**

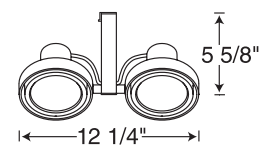


**Catalog #**  
T832 WH

**Finish**  
White

**Lamp**  
Two 75W PAR30

**Dimensions**





# Trac-Master® | LED Series

## 11W Vertical Cylinder LED

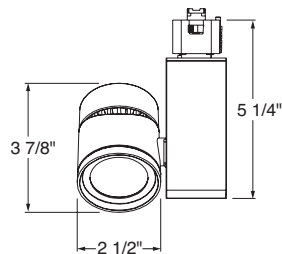


### Vertical Cylinder T381L

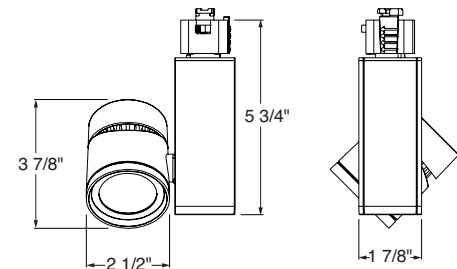
The classic appearance of the T381L Vertical Cylinder LED fixture offers a fresh take on the traditional aesthetic. This 11W state-of-the-art track light delivers up to 1249 lumens, is up to 80% more efficient than equivalent halogen and has a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures and 80 or 90 CRI versions. Optional SpectralWhite color/white enhancing versions render colors richly and make whites appear naturally brilliant; optional WarmDim® version warms the color of the LED light on a gentle gradient as it dims light output, delivering the feeling of halogen lighting with the long life and energy savings of LED. These fixtures have an integral bayonet-mount accessory holder that accommodates one accessory if desired.



#### Dimensions Static White



#### Dimensions WarmDim



#### Ordering Information

#### Ordering Example: T381L G2 30K SPW PDIM NFL WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T381L</b> 11W Vertical Cylinder LED (Static White)	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>OFF</b> <sup>1</sup> On/Off (Non-Dimming)	<b>SP</b> Spot	<b>BL</b> Black
	<b>HTEK</b> <sup>1</sup> HTEK 277V Trac Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI		<b>NFL</b> Narrow Flood	
<b>T381L</b> 16W Vertical Cylinder LED (WarmDim®)	<b>TEK</b> TEK 120V Trac Adapter		<b>35K</b> 3500K	<b>SPW</b> <sup>2</sup> SpectralWhite	<b>PDIM</b> Phase Dimmable	<b>FL</b> Flood	<b>WH</b> White
	<b>GTYPE</b> G-Type Trac Adapter		<b>40K</b> 4000K			<b>WFL</b> Wide Flood	
	<b>HTYPE</b> H-Type Trac Adapter		<b>WDIM HALR</b> WarmDim® 3000K-1800K				
	<b>LTYPE</b> L-Type Trac Adapter						

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> 3000K and 3500K only.

#### Accessories

For Fixtures	T381L
Color Filters	<b>CGF 200</b>
Dichroic Filters	<b>DGF 200</b>
Dichroic Color Correction Filters	<b>DCCF 200</b>
Diffusion Lens	<b>DIFF 200</b>
Uniformity Lens	<b>SOLITE 200</b>
UV Filter	<b>UVF 200</b>
Prismatic Spread Lens	<b>PRISM 200</b>
Linear Spread Lens	<b>LSPREAD 200</b>
Hexcell Louver	<b>HCLBL 200</b>
Snoot	<b>SNOOTBL 200</b>

Note: Wide flood static white versions do not accept accessories.



# Trac-Master® | LED Series

## 17W Vertical Cylinder LED

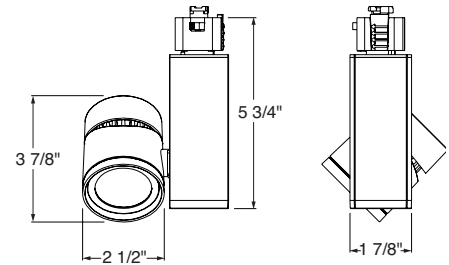


### Vertical Cylinder T382L

The classic appearance of the T382L Vertical Cylinder LED fixture offers a fresh take on the traditional aesthetic. This 17W state-of-the-art track light delivers up to 1845 lumens, is up to 80% more efficient than equivalent halogen and has a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures and 80 or 90 CRI versions. Optional SpectralWhite color/white enhancing versions render colors richly and make whites appear naturally brilliant. These fixtures have an integral bayonet-mount accessory holder that accommodates one accessory if desired.



### Dimensions



### Ordering Information

### Ordering Example: T382L G2 30K SPW PDIM NFL WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T382L</b> 17W Vertical Cylinder LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>OFF<sup>1</sup></b> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> Spot	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
	<b>HTEK<sup>1</sup></b> HTEK 277V Trac Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI		<b>NFL</b> Narrow Flood	
	<b>TEK</b> TEK 120V Trac Adapter		<b>35K</b> 3500K	<b>SPW<sup>2</sup></b> SpectralWhite		<b>FL</b> Flood	
	<b>GTYPE</b> G-Type Trac Adapter		<b>40K</b> 4000K			<b>WFL</b> Wide Flood	
	<b>HTYPE</b> H-Type Trac Adapter						
	<b>LTYPE</b> L-Type Trac Adapter						

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> 3000K and 3500K only.

### Accessories

For Fixtures	T382L
Color Filters	<b>CGF 200</b>
Dichroic Filters	<b>DGF 200</b>
Dichroic Color Correction Filters	<b>DCCF 200</b>
Diffusion Lens	<b>DIFF 200</b>
Uniformity Lens	<b>SOLITE 200</b>
UV Filter	<b>UVF 200</b>
Prismatic Spread Lens	<b>PRISM 200</b>
Linear Spread Lens	<b>LSPREAD 200</b>
Hexcell Louver	<b>HCLBL 200</b>
Snoot	<b>SNOOTBL 200</b>

Note: Wide flood versions do not accept accessories.

# Trac-Master® | LED Series

## 24W Vertical Cylinder LED

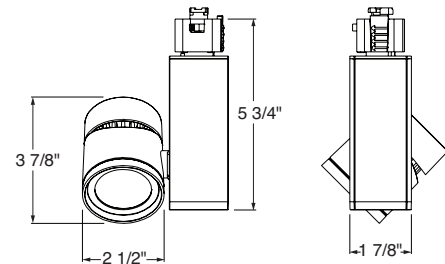


### Vertical Cylinder T383L

The classic appearance of the T383L Vertical Cylinder LED fixture offers a fresh take on the traditional aesthetic. This 24W state-of-the-art track light delivers up to 2446 lumens, is up to 80% more efficient than equivalent halogen and has a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures and 80 or 90 CRI versions. Optional SpectralWhite color/white enhancing versions render colors richly and make whites appear naturally brilliant. These fixtures have an integral bayonet-mount accessory holder that accommodates up to two accessories if desired.



### Dimensions



Ordering Information		Ordering Example: T383L G2 27K 80CRI PDIM SP BL					
Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T383L</b> 24W Vertical Cylinder LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>OFF<sup>1</sup></b> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> Spot	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
	<b>HTEK<sup>1</sup></b> HTEK 277V Trac Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI		<b>NFL</b> Narrow Flood	
	<b>TEK</b> TEK 120V Trac Adapter		<b>35K</b> 3500K	<b>SPW<sup>2</sup></b> SpectralWhite		<b>FL</b> Flood	
	<b>GTYPE</b> G-Type Trac Adapter		<b>40K</b> 4000K			<b>WFL</b> Wide Flood	
	<b>HTYPE</b> H-Type Trac Adapter						
<b>LTYPE</b> L-Type Trac Adapter							

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> 3000K and 3500K only.

### Accessories

For Fixtures	T383L
Color Filters	<b>CGF 200</b>
Dichroic Filters	<b>DGF 200</b>
Dichroic Color Correction Filters	<b>DCCF 200</b>
Diffusion Lens	<b>DIFF 200</b>
Uniformity Lens	<b>SOLITE 200</b>
UV Filter	<b>UVF 200</b>
Prismatic Spread Lens	<b>PRISM 200</b>
Linear Spread Lens	<b>LSPREAD 200</b>
Hexcell Louver	<b>HCLBL 200</b>
Snoot	<b>SNOOTBL 200</b>

Note: Wide flood versions do not accept accessories.

# Trac-Master® | LED Series

## 30W Vertical Cylinder LED

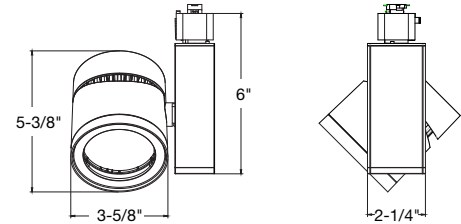


### Vertical Cylinder T385L

The classic appearance of the T385L Vertical Cylinder LED fixture offers a fresh take on the traditional aesthetic. This 30W state-of-the-art track light delivers up to 3250 lumens, is up to 80% more efficient than equivalent halogen and has a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures and 80 or 90 CRI versions. Optional SpectralWhite color/white enhancing versions render colors richly and make whites appear naturally brilliant. These fixtures have an integral bayonet-mount accessory holder that accommodates up to two accessories if desired.



### Dimensions



### Ordering Information

### Ordering Example: T385L G2 27K 80CRI PDIM SP BL

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T385L</b> 30W Vertical Cylinder LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>OFF</b> <sup>1</sup> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> Spot	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
	<b>HTEK</b> <sup>1</sup> HTEK 277V Trac Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI		<b>NFL</b> Narrow Flood	
	<b>TEK</b> TEK 120V Trac Adapter		<b>35K</b> 3500K	<b>SPW</b> <sup>2</sup> SpectralWhite		<b>FL</b> Flood	
	<b>GTYPE</b> G-Type Trac Adapter		<b>40K</b> 4000K			<b>WFL</b> Wide Flood	
	<b>HTYPE</b> H-Type Trac Adapter						
	<b>LTYPE</b> L-Type Trac Adapter						

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> 3000K and 3500K only.

### Accessories

For Fixtures	T385L
Color Filters	<b>CGF 275</b>
Dichroic Filters	<b>DGF 275</b>
Dichroic Color Correction Filters	<b>DCCF 275</b>
Diffusion Lens	<b>DIFF 275</b>
Uniformity Lens	<b>SOLITE 275</b>
UV Filter	<b>UVF 275</b>
Prismatic Spread Lens	<b>PRISM 275</b>
Linear Spread Lens	<b>LSPREAD 275</b>
Hexcell Louver	<b>HCLBL 300</b>
Snoot	<b>SNOOTBL 275</b>



# Trac-Master® | LED Series

## 46W Vertical Cylinder LED

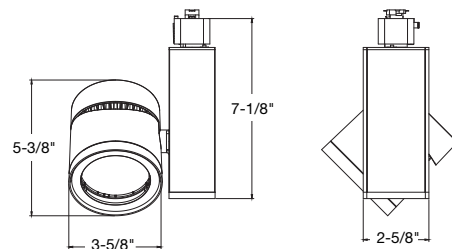


### Vertical Cylinder T387L

The classic appearance of the T387L Vertical Cylinder LED fixture offers a fresh take on the traditional aesthetic. This 46W state-of-the-art track light delivers up to 4651 lumens, is up to 80% more efficient than equivalent halogen and has a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures and 80 or 90 CRI versions. Optional SpectralWhite color/white enhancing versions render colors richly and make whites appear naturally brilliant. These fixtures have an integral bayonet-mount accessory holder that accommodates up to two accessories if desired.



### Dimensions



### Ordering Information

### Ordering Example: T387L G2 30K 90CRI PDIM NFL SL

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T387L</b> 46W Vertical Cylinder LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>OFF<sup>1</sup></b> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> Spot	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
	<b>HTEK<sup>1</sup></b> HTEK 277V Trac Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI		<b>NFL</b> Narrow Flood	
	<b>TEK</b> TEK 120V Trac Adapter		<b>35K</b> 3500K	<b>SPW<sup>2</sup></b> SpectralWhite		<b>FL</b> Flood	
	<b>GTYPE</b> G-Type Trac Adapter		<b>40K</b> 4000K			<b>WFL</b> Wide Flood	
	<b>HTYPE</b> H-Type Trac Adapter						
	<b>LTYPE</b> L-Type Trac Adapter						

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> 3000K and 3500K only.

### Accessories

For Fixtures	<b>T387L</b>
Color Filters	<b>CGF 275</b>
Dichroic Filters	<b>DGF 275</b>
Dichroic Color Correction Filters	<b>DCCF 275</b>
Diffusion Lens	<b>DIFF 275</b>
Uniformity Lens	<b>SOLITE 275</b>
UV Filter	<b>UVF 275</b>
Prismatic Spread Lens	<b>PRISM 275</b>
Linear Spread Lens	<b>LSPREAD 275</b>
Hexcell Louver	<b>HCLBL 300</b>
Snoot	<b>SNOOTBL 275</b>

# Trac-Master® | LED Series

## 55W Vertical Cylinder LED

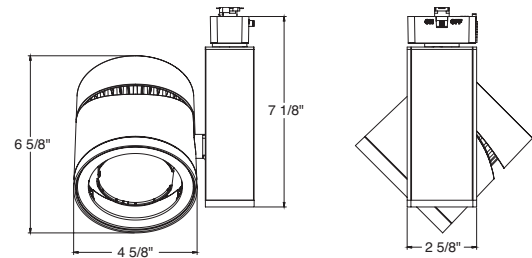


### Vertical Cylinder T388L

The classic appearance of the T388L Vertical Cylinder LED fixture offers a fresh take on the traditional aesthetic. This 55W state-of-the-art track light delivers up to 5550 lumens, is up to 80% more efficient than equivalent halogen and has a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures and 80 or 90 CRI versions. Optional SpectralWhite color/white enhancing versions render colors richly and make whites appear naturally brilliant. These fixtures have an integral bayonet-mount accessory holder that accommodates up to two accessories if desired.



### Dimensions



### Ordering Information

### Ordering Example: T388L 30K SPW PDIM NFL WH

Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T388L</b> 55W Vertical Cylinder LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>OFF<sup>1</sup></b> On/Off (Non-Dimming)	<b>SP</b> Spot	<b>BL</b> Black
	<b>HTEK<sup>1</sup></b> HTEK 277V Trac Adapter	<b>30K</b> 3000K	<b>90CRI</b> 90 CRI	<b>PDIM</b> Phase Dimmable	<b>NFL</b> Narrow Flood	<b>SL</b> Silver
	<b>TEK</b> TEK 120V Trac Adapter	<b>35K</b> 3500K	<b>SPW<sup>2</sup></b> SpectralWhite		<b>FL</b> Flood	<b>WH</b> White
	<b>GTYPE</b> G-Type Trac Adapter	<b>40K</b> 4000K		<b>WFL</b> Wide Flood		
	<b>HTYPE</b> H-Type Trac Adapter					
	<b>LTYPE</b> L-Type Trac Adapter					

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> 3000K and 3500K only.

### Accessories

For Fixtures	T388L
Color Filters	<b>CGF 375</b>
Dichroic Filters	<b>DGF 375</b>
Dichroic Color Correction Filters	<b>DCCF 375</b>
Diffusion Lens	<b>DIFF 375</b>
Uniformity Lens	<b>SOLITE 375</b>
UV Filter	<b>UVF 375</b>
Prismatic Spread Lens	<b>PRISM 375</b>
Linear Spread Lens	<b>LSPREAD 375</b>
Hexcell Louver	<b>HCLBL 375</b>
Cube Cell Louver	<b>CCLBL 375</b>
Eyebrow	<b>EYEBROWBL 375</b>
Snoot	<b>SNOOTBL 375</b>
Barn Doors	<b>TBDR BLCK 375</b>

# Trac-Master® | LED Series

## 11W Conix® II LED

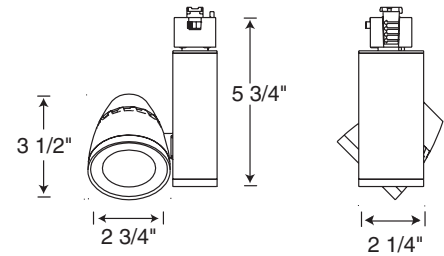


### Conix® II T261L

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The T261L fixtures have integral TIR optics which enable uniform spot, narrow flood and flood or wide flood distributions to be achieved. Optional SpectralWhite color/white enhancing versions render colors richly and make whites appear naturally brilliant; optional WarmDim® version warms the color of the LED light on a gentle gradient as it dims light output, delivering the feeling of halogen lighting with the long life and energy savings of LED.. These fixtures have an integral, bayonet-mount accessory holder that accommodates one accessory if desired. The T261L can deliver up to 1132 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours.



### Dimensions



Ordering Information		Ordering Examples: T261L G3 30K 80CRI PDIM SP WH, T261L TEK G3 30K 80CRI PDIM SP BL					
Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T261L</b> 11W Conix II LED (Static White)	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G3</b> Generation 3	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>OFF<sup>1</sup></b> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> Spot <b>NFL</b> Narrow Flood <b>FL</b> Flood <b>WFL</b> Wide Flood	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
	<b>HTEK<sup>1</sup></b> HTEK 277V Trac Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI			
<b>T261L</b> 16W Conix II LED (WarmDim®)	<b>TEK</b> TEK 120V Trac Adapter		<b>35K</b> 3500K	<b>SPW<sup>2</sup></b> SpectralWhite			
	<b>40K</b> 4000K		<b>WDIM HALR</b> WarmDim® 3000K-1800K				
	<b>GTYPE</b> G-Type Trac Adapter						
	<b>HTYPE</b> H-Type Trac Adapter						
	<b>LTYPE</b> L-Type Trac Adapter						

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> 3000K and 3500K only.

Accessories	
For Fixtures	T261L
Color Filters	<b>CGF 200</b>
Dichroic Filters	<b>DGF 200</b>
Dichroic Color Correction Filters	<b>DCCF 200</b>
Diffusion Lens	<b>DIFF 200</b>
Uniformity Lens	<b>SOLITE 200</b>
UV Filter	<b>UVF 200</b>
Prismatic Spread Lens	<b>PRISM 200</b>
Linear Spread Lens	<b>LSPREAD 200</b>
Hexcell Louver	<b>HCLBL 200</b>
Snoot	<b>SNOOTBL 200</b>

Note: Wide flood static white versions do not accept accessories.



# Trac-Master® | LED Series

## 16W Conix® II LED

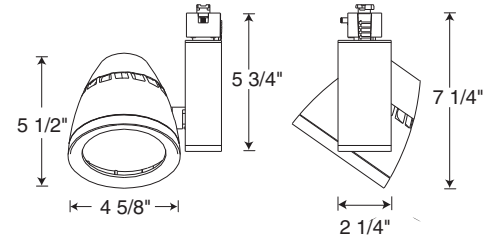


### Conix® II T262L

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The T262L fixtures have integral reflectors which enable uniform spot, narrow flood or flood distributions to be achieved. These fixtures have an integral, bayonet-mount accessory holder that accommodates up to two accessories if desired in place of the clear glass lens provided. The T262L can deliver up to 1675 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours.



### Dimensions



### Ordering Information

Ordering Examples: T262L G2 30K 80CRI PDIM SP WH, T262L TEK G2 30K 80CRI PDIM SP BL

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T262L</b> 16W Conix II LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>OFF<sup>1</sup></b> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> Spot <b>NFL</b> Narrow Flood <b>FL</b> Flood	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
	<b>HTEK<sup>1</sup></b> HTEK 277V Trac Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI			
	<b>TEK</b> TEK 120V Trac Adapter		<b>35K</b> 3500K	<b>97CRI<sup>2</sup></b> 97 CRI			
	<b>GTYPE</b> G-Type Trac Adapter		<b>40K</b> 4000K				
	<b>HTYPE</b> H-Type Trac Adapter						
<b>LTYPE</b> L-Type Trac Adapter							

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> 97CRI only available with 27K, 30K and 40K options.

### Accessories

For Fixtures	<b>T262L</b>
Color Filters	<b>CGF 375</b>
Dichroic Filters	<b>DGF 375</b>
Dichroic Color Correction Filters	<b>DCCF 375</b>
Diffusion Lens	<b>DIFF 375</b>
Uniformity Lens	<b>SOLITE 375</b>
UV Filter	<b>UVF 375</b>
Prismatic Spread Lens	<b>PRISM 375</b>
Linear Spread Lens	<b>LSPREAD 375</b>
Hexcell Louver	<b>HCLBL 375</b>
Cube Cell Louver	<b>CCLBL 375</b>
Eyebrow	<b>EYEBROWBL 375</b>
Snoot	<b>SNOOTBL 375</b>
Barn Doors	<b>TBDR BLCK 375</b>

# Trac-Master® | LED Series

## 21W Conix® II LED

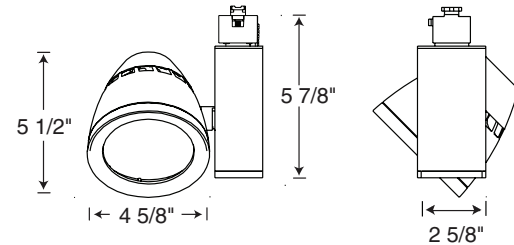


### Conix® II T263L

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The T263L fixtures have integral reflectors which enable uniform spot, narrow flood or flood distributions to be achieved. These fixtures have an integral, bayonet-mount accessory holder that accommodates up to two accessories if desired in place of the clear glass lens provided. The T263L can deliver up to 2228 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours.



### Dimensions



Ordering Information		Ordering Examples: T263L G3 30K 80CRI PDIM SP WH, T263L TEK G3 30K 80CRI PDIM SP BL					
Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T263L</b> 21W Conix II LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G3</b> Generation 3	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>OFF</b> <sup>1</sup> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> Spot	<b>BL</b> Black
	<b>HTEK</b> <sup>1</sup> HTEK 277V Trac Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI		<b>NFL</b> Narrow Flood	<b>SL</b> Silver
	<b>TEK</b> TEK 120V Trac Adapter		<b>35K</b> 3500K	<b>97CRI</b> <sup>2</sup> 97 CRI		<b>FL</b> Flood	<b>WH</b> White
	<b>GTYPE</b> G-Type Trac Adapter		<b>40K</b> 4000K				
	<b>HTYPE</b> H-Type Trac Adapter						
	<b>LTYPE</b> L-Type Trac Adapter						

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> 97CRI only available with 27K, 30K and 40K options.

### Accessories

For Fixtures	T263L
Color Filters	<b>CGF 375</b>
Dichroic Filters	<b>DGF 375</b>
Dichroic Color Correction Filters	<b>DCCF 375</b>
Diffusion Lens	<b>DIFF 375</b>
Uniformity Lens	<b>SOLITE 375</b>
UV Filter	<b>UVF 375</b>
Prismatic Spread Lens	<b>PRISM 375</b>
Linear Spread Lens	<b>LSPREAD 375</b>
Hexcell Louver	<b>HCLBL 375</b>
Cube Cell Louver	<b>CCLBL 375</b>
Eyebrow	<b>EYEBROWBL 375</b>
Snoot	<b>SNOOTBL 375</b>
Barn Doors	<b>TBDR BLCK 375</b>

# Trac-Master® | LED Series

## 36W Conix® II LED

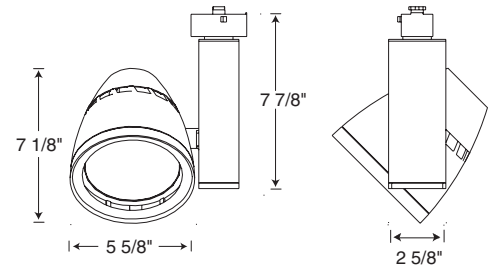


### Conix® II T265L

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The T265L fixtures have integral reflectors which enable uniform spot, narrow flood or flood distributions to be achieved. These fixtures have an integral, bayonet-mount accessory holder that accommodates up to two accessories if desired in place of the clear glass lens provided. The T265L can deliver up to 3814 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours.



### Dimensions



### Ordering Information

### Ordering Example: T265L G3 27K 90CRI PDIM FL BL

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T265L</b> 36W Conix II LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G3</b> Generation 3	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>OFF</b> <sup>1</sup> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> Spot <b>NFL</b> Narrow Flood <b>FL</b> Flood	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
	<b>HTEK</b> <sup>1</sup> HTEK 277V Trac Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI			
	<b>TEK</b> TEK 120V Trac Adapter		<b>35K</b> 3500K	<b>SPW</b> <sup>2</sup> SpectralWhite			
	<b>GTYPE</b> G-Type Trac Adapter		<b>40K</b> 4000K				
	<b>HTYPE</b> H-Type Trac Adapter						
<b>LTYPE</b> L-Type Trac Adapter							

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> 3000K and 3500K only.

### Accessories

For Fixtures	T265L
Color Filters	<b>CGF 469</b>
Dichroic Filters	<b>DGF 469</b>
Dichroic Color Correction Filters	<b>DCCF 469</b>
Diffusion Lens	<b>DIFF 469</b>
Uniformity Lens	<b>SOLITE 469</b>
UV Filter	<b>UVF 469</b>
Prismatic Spread Lens	<b>PRISM 469</b>
Linear Spread Lens	<b>LSPREAD 469</b>
Hexcell Louver	<b>HCLBL 469</b>
Cube Cell Louver	<b>CCLBL 469</b>
Cross Baffle	<b>XBAFLBL 469</b>
Eyebrow	<b>EYEBROWBL 469</b>
Snoot	<b>SNOOTBL 469</b>
Barn Doors	<b>TBDR BLCK 469</b>





Kowalski's Market, Excelsior, MN (Mark Steele Photography)

# Trac-Master® | LED Series

## 52W Conix® II LED

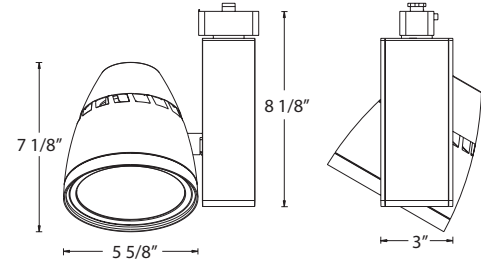


### Conix® II T267L

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The T267L fixtures have integral reflectors which enable uniform spot, narrow flood, flood or wide flood distributions to be achieved. These fixtures have an integral, bayonet-mount accessory holder that accommodates up to two accessories if desired in place of the clear glass lens provided. The T267L can deliver up to 5042 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours.



### Dimensions



Ordering Information		Ordering Examples: T267L G2 30K 80CRI PDIM SP WH, T267L TEK G2 30K 80CRI PDIM SP BL					
Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T267L</b> 52W Conix II LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI <b>90CRI</b> 90 CRI	<b>OFF</b> <sup>1</sup> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> Spot <b>NFL</b> Narrow Flood <b>FL</b> Flood <b>WFL</b> Wide Flood	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
	<b>HTEK</b> <sup>1</sup> HTEK 277V Trac Adapter		<b>30K</b> 3000K				
	<b>TEK</b> TEK 120V Trac Adapter		<b>35K</b> 3500K				
	<b>GTYPE</b> G-Type Trac Adapter		<b>40K</b> 4000K				
	<b>HTYPE</b> H-Type Trac Adapter						
	<b>LTYPE</b> L-Type Trac Adapter						

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only.

### Accessories

For Fixtures	T267L
Color Filters	<b>CGF 469</b>
Dichroic Filters	<b>DGF 469</b>
Dichroic Color Correction Filters	<b>DCCF 469</b>
Diffusion Lens	<b>DIFF 469</b>
Uniformity Lens	<b>SOLITE 469</b>
UV Filter	<b>UVF 469</b>
Prismatic Spread Lens	<b>PRISM 469</b>
Linear Spread Lens	<b>LSPREAD 469</b>
Hexcell Louver	<b>HCLBL 469</b>
Cube Cell Louver	<b>CCLBL 469</b>
Cross Baffle	<b>XBAFLBL 469</b>
Eyebrow	<b>EYEBROWBL 469</b>
Snoot	<b>SNOOTBL 469</b>
Barn Doors	<b>TBDR BLCK 469</b>

# Trac-Master® | LED Series

## 11W Cylindra™ LED

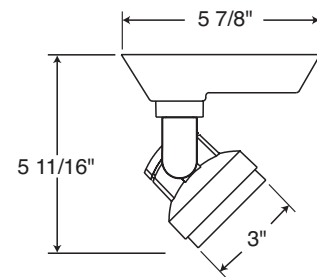


### Cylindra™ T252L

At up to 1066 lumens, the T252L Cylindra LED approximates the light output and distribution of 75W MR16 halogen lamps, utilizing less than 15% of the energy and having a rated life of 50,000 hours. The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. Cylindra's integral, bayonet mounted accessory holder accommodates one light control accessory if desired (except wide flood). TWLED Extension Wands are also available, enabling the T252L to be moved closer to the object being illuminated without lowering the track mounting plane.



### Dimensions



### Ordering Information

### Ordering Example: T252L G2 27K 90CRI PDIM SP WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T252L</b> 11W Cylindra LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter  <b>GTYPE</b> G-Type Trac Adapter  <b>HTYPE</b> H-Type Trac Adapter  <b>LTYPE</b> L-Type Trac Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>PDIM</b> Phase Dimmable	<b>SP</b> Spot	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
			<b>30K</b> 3000K	<b>90CRI</b> 90 CRI		<b>NFL</b> Narrow Flood	
			<b>35K</b> 3500K	<b>SPW</b> SpectralWhite (3000K & 3500K only)		<b>FL</b> Flood	
			<b>40K</b> 4000K			<b>WFL</b> Wide Flood	

### Accessories

For Fixtures	T252L
Color Filters	<b>CGF 200</b>
Dichroic Filters	<b>DGF 200</b>
Dichroic Color Correction Filters	<b>DCCF 200</b>
Diffusion Lens	<b>DIFF 200</b>
Uniformity Lens	<b>SOLITE 200</b>
UV Filter	<b>UVF 200</b>
Prismatic Spread Lens	<b>PRISM 200</b>
Linear Spread Lens	<b>LSPREAD 200</b>
Hexcell Louver	<b>HCLBL 200</b>
Snoot	<b>SNOOTBL 200</b>

Note: Wide flood versions do not accept accessories.

### T252L Extension Wands



Catalog #	Finish	Overall Length
<b>TWLED 12IN WH</b>	White	13 1/2"
<b>TWLED 12IN BL</b>	Black	
<b>TWLED 12IN SL</b>	Silver	
<b>TWLED 18IN WH</b>	White	19 1/2"
<b>TWLED 18IN BL</b>	Black	
<b>TWLED 18IN SL</b>	Silver	
<b>TWLED 24IN WH</b>	White	25 1/2"
<b>TWLED 24IN BL</b>	Black	
<b>TWLED 24IN SL</b>	Silver	
<b>TWLED 36IN WH</b>	White	37 1/2"
<b>TWLED 36IN BL</b>	Black	
<b>TWLED 36IN SL</b>	Silver	
<b>TWLED 48IN WH</b>	White	49 1/2"
<b>TWLED 48IN BL</b>	Black	
<b>TWLED 48IN SL</b>	Silver	



# Trac-Master® | LED Series

## 15W Cylindra™ LED

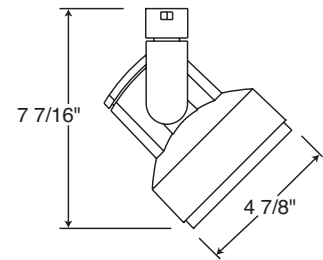


### Cylindra™ T254L

At up to 1598 lumens, the T254L Cylindra LED approximates the light output and distribution of 90W PAR30 halogen lamps, utilizing less than 20% of the energy and having a rated life of 50,000 hours. The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. Cylindra's integral, bayonet-mount accessory holder accommodates up to two light control accessories if desired.



### Dimensions



### Ordering Information

### Ordering Example: T254L G2 27K 90CRI PDIM SP BL

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T254L</b> 15W Cylindra LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>PDIM</b> Phase Dimmable	<b>SP</b> Spot	<b>BL</b> Black
	<b>GTYPE</b> G-Type Trac Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI		<b>NFL</b> Narrow Flood	<b>SL</b> Silver
	<b>HTYPE</b> H-Type Trac Adapter		<b>35K</b> 3500K	<b>SPW<sup>1</sup></b> SpectralWhite		<b>FL</b> Flood	<b>WH</b> White
	<b>LTYPE</b> L-Type Trac Adapter		<b>40K</b> 4000K				
	<b>TEK</b> TEK 120V Trac Adapter						

<sup>1</sup> 3000K and 3500K only.

### Accessories

For Fixtures	T254L
Color Filters	<b>CGF 375</b>
Dichroic Filters	<b>DGF 375</b>
Dichroic Color Correction Filters	<b>DCCF 375</b>
Diffusion Lens	<b>DIFF 375</b>
Uniformity Lens	<b>SOLITE 375</b>
UV Filter	<b>UVF 375</b>
Prismatic Spread Lens	<b>PRISM 375</b>
Linear Spread Lens	<b>LSPREAD 375</b>
Hexcell Louver	<b>HCLBL 375</b>
Cube Cell Louver	<b>CCLBL 375</b>
Eyebrow	<b>EYEBROWBL 375</b>
Shoot	<b>SNOOTBL 375</b>
Barn Doors	<b>TBDR BLCK 375</b>





Sony Easton Store (Mark Steele Photography)

# Trac-Master® | LED Series

## 36W Cylindra™ LED

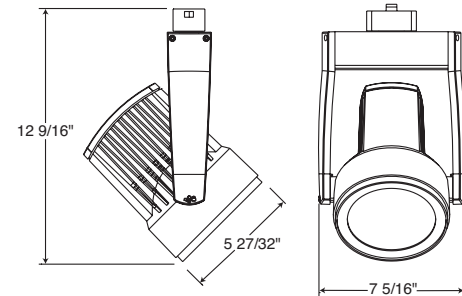


### Cylindra™ T255L

At up to 3947 lumens, the T255L Cylindra LED track fixture approximates the light output and distribution of 70W PAR30L ceramic metal halide lamps, consuming less than half the energy, but having a rated life of 50,000 hours and significantly better lumen maintenance over life. The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. Cylindra's integral, bayonet-mount accessory holder accommodates up to two accessories if desired.



### Dimensions



### Ordering Information

### Ordering Example: T255L G3 27K 80CRI PDIM NFL WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T255L</b> 36W Cylindra LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G3</b> Generation 3	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI <b>90CRI</b> 90 CRI <b>SPW<sup>2</sup></b> SpectralWhite	<b>OFF<sup>1</sup></b> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> 10° Spot <b>NFL</b> Narrow Flood <b>FL</b> Flood	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
	<b>HTEK<sup>1</sup></b> HTEK 277V Trac Adapter		<b>30K</b> 3000K				
	<b>TEK</b> TEK 120V Trac Adapter		<b>35K</b> 3500K				
	<b>HTYPE</b> H-Type Trac Adapter		<b>40K</b> 4000K				
	<b>LTYPE</b> L-Type Trac Adapter						

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> 3000K and 3500K only.

### Accessories

For Fixtures	T255L
Color Filters	<b>CGF 469</b>
Dichroic Filters	<b>DGF 469</b>
Dichroic Color Correction Filters	<b>DCCF 469</b>
Diffusion Lens	<b>DIFF 469</b>
Uniformity Lens	<b>SOLITE 469</b>
UV Filter	<b>UVF 469</b>
Prismatic Spread Lens	<b>PRISM 469</b>
Linear Spread Lens	<b>LSPREAD 469</b>
Hexcell Louver	<b>HCLBL 469</b>
Cube Cell Louver	<b>CCLBL 469</b>
Cross Baffle	<b>XBAFLBL 469</b>
Eyebrow	<b>EYEBROWBL 469</b>
Snoot	<b>SNOOTBL 469</b>
Barn Doors	<b>TBDR BLCK 469</b>

## Trac-Master® | LED Series



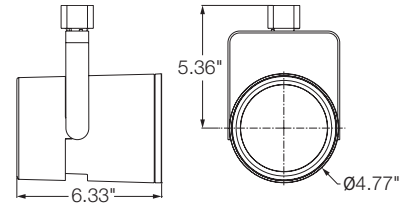
### 26W, 36W, & 43W Integral Driver Flat Back Cylinder LED

#### Flat Back Cylinder T283L, T285L, & T286L

With its integral driver, the cylindrical aesthetic of the Integral Driver Flat Back Cylinder Series offers the simplest of form factors. It is designed with a unique, patented, precision optical system which produces the most perfectly uniform spot, narrow flood or flood beam distributions. The 26W T283L Series can deliver up to 3003 lumens, the 36W T285L Series can deliver up to 3636 lumens, and the 43W T286L Series can deliver up to 3900 lumens, each consuming less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. An optional field-installed accessory holder, snoot or barn doors can accommodate up to 2 accessories if desired.



#### Dimensions



Ordering Information			Ordering Example: T283L G2 27K 80CRI PDIM NFL WH							
Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index		Dimming Compatibility	Distribution		Finish	
<b>T283L</b> 26W Integral Driver Flat Back Cylinder LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G2<sup>3</sup></b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>PDIM</b> Phase Dimmable	<b>OFF<sup>1</sup></b> On/Off (Non-Dimming)	<b>SP</b> Spot	<b>BL</b> Black		
			<b>30K</b> 3000K	<b>90CRI</b> 90 CRI					<b>NFL</b> Narrow Flood	<b>SL</b> Silver
			<b>35K</b> 3500K	<b>SPW<sup>2</sup></b> Spectral White						
<b>40K</b> 4000K										
<b>T285L</b> 36W Integral Driver Flat Back Cylinder LED	<b>HTEK<sup>1x</sup></b> HTEK 277V Trac Adapter									
	<b>TEK</b> TEK 120V Trac Adapter									
<b>T286L</b> 43W Integral Driver Flat Back Cylinder LED	<b>GTYPE</b> G-Type Trac Adapter									
	<b>HTYPE</b> H-Type Trac Adapter									
	<b>LTYPE</b> L-Type Trac Adapter									

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> 3000K and 3500K only, T283L and T285L only.

#### Accessories

For Fixtures	<b>T283L, T285L, T286L</b>
Dual Accessory Holder	<b>T770BL, SL, WH</b>
Color Filters	<b>CGF 469*</b>
Dichroic Filters	<b>DGF 469*</b>
Dichroic Color Correction Filters	<b>DCCF 469*</b>
Diffusion Lens	<b>DIFF 469*</b>
Uniformity Lens	<b>SOLITE 469*</b>
UV Filter	<b>UVF 469*</b>
Prismatic Spread Lens	<b>PRISM 469*</b>
Linear Spread Lens	<b>LSPREAD 469*</b>
Hexcell Louver	<b>HCLBL 469*</b>
Cube Cell Louver	<b>CCLBL 469*</b>
Cross Baffle	<b>XBAFLBL 469*</b>
Eyebrow	<b>EYEBROWBL 469*</b>
Snoot	<b>T5788BL 469</b>
Barn Doors	<b>T5774BL 469</b>

\* Accessory Holder, Snoot or Barn Doors required to install filters or lenses; Accessory Holder or Snoot required to install louver.

# Trac-Master® | LED Series

## 9W & 15W Arc™ LED



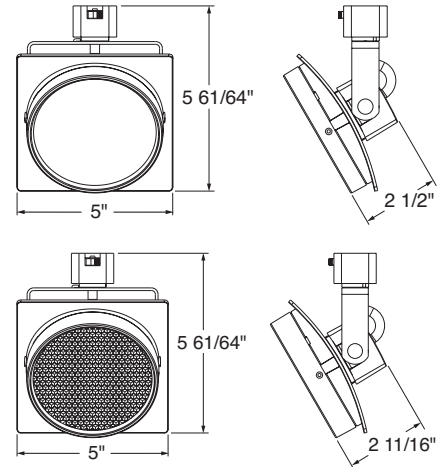
### Arc™ T271L & Arc™ L T272L

The ultra-efficient optical system of the Arc LED track fixture maximizes efficiency while minimizing fixture depth, yielding a unique and attractive aesthetic. It approximates the light output and distribution of 60-75W PAR30 halogen lamps, utilizing about 20% of the energy and having a rated life of 50,000 hours. The T271L delivers up to 1158 lumens, while the T272L delivers up to 1749 lumens, yielding efficacies in excess of 120 lumens per watt. A variety of accessories are available to customize fixture performance. The Arc LED is available with or without louver to optimize visual cutoff; there is also a louver accessory that can be added at a later time if desired.



Louvered Version

### Dimensions



### Ordering Information

### Ordering Example: T271L G2 27K 80CRI PDIM SP WH THCL1WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish	Factory Installed Louvers
<b>T271L</b> 9W Arc LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>PDIM</b> Phase Dimmable	<b>SP</b> Spot <b>NFL</b> Narrow Flood <b>FL</b> Flood	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White	<b>THCL1BL</b> Black <b>THCL1SL</b> Silver <b>THCL1WH</b> White
<b>T272L</b> 15W Arc L LED	<b>TEK</b> TEK 120V Trac Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI				
	<b>GTYPE</b> G-Type Trac Adapter		<b>35K</b> 3500K	<b>SPW<sup>1</sup></b> SpectralWhite				
	<b>HTYPE</b> H-Type Trac Adapter		<b>40K</b> 4000K					
	<b>LTYPE</b> L-Type Trac Adapter							

<sup>1</sup> 3000K and 3500K only.

### Accessories

For Fixtures	T271L, T272L	For Fixtures	T271L, T272L
Color Filters	<b>CGF 469*</b>	Prismatic Spread Lens	<b>PRISM 469*</b>
Dichroic Filters	<b>DGF 469*</b>	Linear Spread Lens	<b>LSPREAD 469*</b>
Dichroic Color Correction Filters	<b>DCCF 469*</b>	Hexcell Louver Assembly	<b>THCL1BL, SL, WH</b>
Diffusion Lens	<b>DIFF 469*</b>	Cross Baffle	<b>XBAFLBL 469*</b>
Uniformity Lens	<b>SOLITE 469*</b>	Eyebrow	<b>EYEBROWBL 469*</b>
UV Filter	<b>UVF 469*</b>	Barn Doors	<b>TBDR BLCK 440</b>

\* Filters, lenses, eyebrow and cross baffle require barn doors for installation.



## Trac-Master® | LED Series

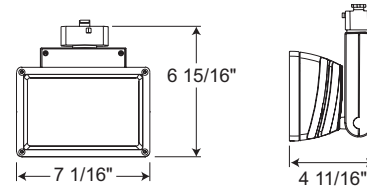
### 20W, 41W & 55W LED Wall Wash/Floods



#### Description

The T258L, T259L & T260L LED wall wash/flood track fixtures deliver a powerful and uniform punch of light, utilizing less energy than a comparable CMH fixture and offering up to 4 times the rated life. They are capable of delivering up to 5978 powerful lumens, and efficacies of up to 128 lumens per watt. Employing a custom hyperbolic reflector, they provide a smooth, wide beam of light. Their unique, narrow profile enables them to fit nicely with accent spotlights on the track. Their optimized thermal management design yields a maintenance-free 50,000 hours service life at 70% lumen maintenance.

#### Dimensions



#### Features

- Narrow footprint, shallow profile fixture
- Low profile driver housing isolated from LED heat sink to maximize fixture life
- Custom hyperbolic reflector efficiently delivers wide, uniform beam pattern
- High efficacy LEDs provide outstanding reliability, performance and color quality/consistency
- 80 CRI minimum with high CRI options
- 350° horizontal rotation
- Full 90° vertical aiming plus robust, concealed vertical aiming lock using standard Philips screwdriver
- Wide track adapter for maximum mounting stability
- Concealed wiring optimizes visual aesthetic
- Standard versions are dimming-compatible
- Available in white, black or silver finishes
- Light control accessories available to maximize visual comfort
- First-ever wall wash track fixture to be granted ENERGY STAR® qualification
- UL and cUL Listed

#### Ordering Information

#### Ordering Example: T258L G2 30K 80CRI PDIM WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Finish
<b>T258L</b> 20W LED Wall Wash/Flood	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G2<sup>3</sup></b> Generation 2	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K	<b>80CRI</b> 80 CRI <b>90CRI</b> 90 CRI <b>97CRI<sup>2</sup></b> 97 CRI	<b>OFF<sup>1</sup></b> On/Off (Non-Dimming)  <b>PDIM</b> Phase Dimmable	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
<b>T259L</b> 41W LED Wall Wash/Flood	<b>HTEK<sup>1</sup></b> HTEK 277V Trac Adapter					
<b>T260L</b> 55W LED Wall Wash/Flood	<b>TEK</b> TEK 120V Trac Adapter  <b>GTYPE</b> G-Type Trac Adapter  <b>HTYPE</b> H-Type Trac Adapter  <b>LTYPE</b> L-Type Trac Adapter					

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only. <sup>2</sup> Available in 27K, 30K, and 40K versions only. <sup>3</sup>G2 option only applicable for T258L & T259L.

#### Accessories

For Fixtures	T258L, T259L, T260L	For Fixtures	T258L, T259L, T260L
Snoot - Black	<b>SNOOTBL RECT2</b>	Eyebrow - White	<b>EYEBROWWH RECT2</b>
Snoot - Silver	<b>SNOOTSL RECT2</b>	Cross Blade Louver - Black	<b>CBLBL RECT2</b>
Snoot - White	<b>SNOOTWH RECT2</b>	Cross Blade Louver - Silver	<b>CBLSL RECT2</b>
Eyebrow - Black	<b>EYEBROWBL RECT2</b>	Cross Blade Louver - White	<b>CBLWH RECT2</b>
Eyebrow - Silver	<b>EYEBROWSL RECT2</b>	Barn Doors - Black	<b>TBDR BLCK RECT2</b>

## Trac-Master® | LED Series

### 35W LED Wall Wash/Flood



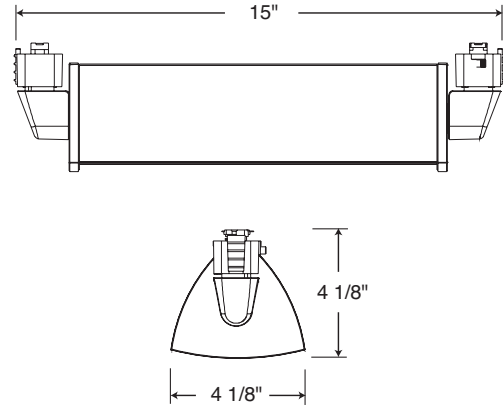
#### Description

The 35W T256L wall wash/flood track fixture delivers a powerful and uniform punch of light, utilizing less energy than a similar CMH fixture and offering up to 4 times the rated life. Its sleek, shallow profile enables it to virtually blend in with the track. Operating at only 35W, it is able to deliver up to 2223 lumens, yielding an efficacy of up to 64 lumens per watt. Its unique thermal management design yields a maintenance-free 50,000 hours service life at 70% lumen maintenance.

#### Features

- Custom designed concealed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation
- Textured paint available in white, black or silver finishes
- High efficacy LEDs provide outstanding reliability, performance and color quality/consistency
- High CRI of 80 minimum
- Driver is concealed in housing to minimize overall fixture footprint
- Standard versions are dimming-compatible
- 90° vertical aiming capability
- Two position power contact provided for two-circuit track application
- UL and cUL Listed

#### Dimensions



#### Ordering Information

Ordering Examples: T256L 30K 80CRI OFF WH, T256L TEK 30K 80CRI PDIM BL

Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Finish
<b>T256L</b> 35W LED Wall Wash/Flood	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K	<b>80CRI</b> 80 CRI	<b>OFF</b> <sup>1</sup> On/Off (Non-Dimming)  <b>PDIM</b> Phase Dimmable	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
	<b>TEK</b> TEK 120V Trac Adapter				
	<b>HTEK</b> <sup>1</sup> HTEK 277V Trac Adapter				
	<b>HTYPE</b> H-Type Trac Adapter				

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only.

## Trac-Master® | LED Series

### 70W LED Wall Wash/Flood



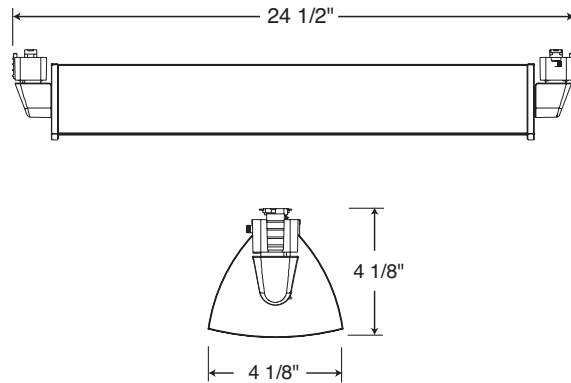
#### Description

The 70W T257L wall wash/flood track fixture delivers a powerful and uniform punch of light, utilizing less energy than a similar CMH fixture and offering up to 4 times the rated life. Its sleek, shallow profile enables it to virtually blend in with the track. Operating at only 70W, it is able to deliver up to 4467 lumens, yielding an efficacy of up to 64 lumens per watt. Its unique thermal management design yields a maintenance-free 50,000 hours service life at 70% lumen maintenance.

#### Features

- Custom designed concealed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation
- Textured paint available in white, black or silver finishes
- High efficacy LEDs provide outstanding reliability, performance and color quality/consistency
- High CRI of 80 minimum
- Driver is concealed in housing to minimize overall fixture footprint
- Standard versions are dimming-compatible
- 90° vertical aiming capability
- Two position power contact provided for two-circuit track application
- UL and cUL listed

#### Dimensions



#### Ordering Information

Ordering Examples: T257L 30K 80CRI PDIM WH, T257L TEK 30K 80CRI PDIM BL

Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Finish
<b>T257L</b> 70W Wall Wash/Flood LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter <b>HTEK<sup>1</sup></b> HTEK 277V Trac Adapter <b>TEK</b> TEK 120V Trac Adapter <b>HTYPE</b> H-Type Trac Adapter	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>OFF<sup>1</sup></b> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
		<b>30K</b> 3000K			
		<b>35K</b> 3500K			
		<b>40K</b> 4000K			

<sup>1</sup> HTEK versions available with OFF option only, and OFF option available with HTEK version only.

## Trac-Master® | Gimbal Ring Series

### Die Cast Gimbal Ring Lampholders



#### T1020, T1030, T1031S and T1038

The Die Cast Gimbal Ring fixture series offers premium construction features and extensive lamp flexibility. The narrow, arched yoke minimizes the fixture mass and gives it a fresh, modern appearance. It is designed to accommodate halogen PAR lamps as well as the latest technology LED lamps. Its robust design is mostly open, allowing air circulation which enables LED lamps to operate as cool as possible. Two versions are available for each size: an E26 medium screw base version and a GU24 twist & lock version, enabling this series to use practically any style of PAR lamp and comply with the strictest of energy codes. The E26 versions have a high wattage and low wattage labeling option to further facilitate energy code compliance. The Die Cast Gimbal Ring fixture series has a front-loading design making lamp changes a breeze. Each fixture possesses a tri-lobe locking knob to prevent the fixture from “drooping” over time due to lamp weight and to enable the fixture aiming to be locked in place, even during lamp changes.



#### Catalog #

#### Finish

#### Lamp

#### Dimensions

##### High Wattage PAR20 E26 Medium Base Lamp

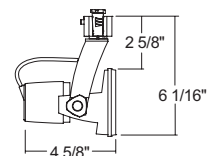
T1020 E26 50W BL	Black	50W max. PAR20
T1020 E26 50W SL	Silver	
T1020 E26 50W WH	White	

##### Low Wattage PAR20 E26 Medium Base Lamp

T1020 E26 10W BL	Black	10W max. PAR20
T1020 E26 10W SL	Silver	
T1020 E26 10W WH	White	

##### Low Wattage PAR20 GU24 Twist & Lock Base Lamp

T1020 GU24 10W BL	Black	10W max. PAR20
T1020 GU24 10W SL	Silver	
T1020 GU24 10W WH	White	



#### Catalog #

#### Finish

#### Lamp

#### Dimensions

##### High Wattage PAR30L E26 Medium Base Lamp

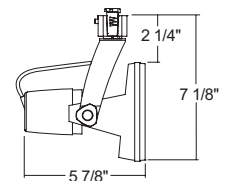
T1030 E26 50W BL	Black	75W max. PAR30L
T1030 E26 50W SL	Silver	
T1030 E26 50W WH	White	

##### Low Wattage PAR30L E26 Medium Base Lamp

T1030 E26 18W BL	Black	18W max. PAR30L
T1030 E26 18W SL	Silver	
T1030 E26 18W WH	White	

##### Low Wattage PAR30L GU24 Twist & Lock Base Lamp

T1030 GU24 18W BL	Black	18W max. PAR30L
T1030 GU24 18W SL	Silver	
T1030 GU24 18W WH	White	



#### Catalog #

#### Finish

#### Lamp

#### Dimensions

##### High Wattage PAR30S E26 Medium Base Lamp

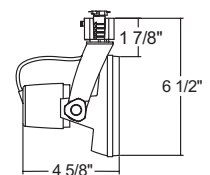
T1031S E26 75W BL	Black	75W max. PAR30S
T1031S E26 75W SL	Silver	
T1031S E26 75W WH	White	

##### Low Wattage PAR30S E26 Medium Base Lamp

T1031S E26 18W BL	Black	18W max. PAR30S
T1031S E26 18W SL	Silver	
T1031S E26 18W WH	White	

##### Low Wattage PAR30S GU24 Twist & Lock Base Lamp

T1031S GU24 18W BL	Black	18W max. PAR30S
T1031S GU24 18W SL	Silver	
T1031S GU24 18W WH	White	





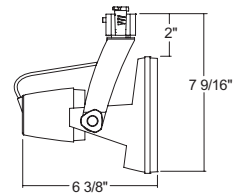
## Trac-Master® | Gimbal Ring Series

### Die Cast Gimbal Ring Lampholders



Catalog #	Finish	Lamp
<b>High Wattage PAR38 E26 Medium Base Lamp</b>		
T1038 E26 150W BL	Black	150W max. PAR38
T1038 E26 150W SL	Silver	
T1038 E26 150W WH	White	
<b>Low Wattage PAR38 E26 Medium Base Lamp</b>		
T1038 E26 25W BL	Black	25W max. PAR38
T1038 E26 25W SL	Silver	
T1038 E26 25W WH	White	
<b>Low Wattage PAR38 GU24 Twist &amp; Lock Base Lamp</b>		
T1038 GU24 25W BL	Black	25W max. PAR38
T1038 GU24 25W SL	Silver	
T1038 GU24 25W WH	White	

#### Dimensions



**Note:** T1020, T1030, T1031S and T1038 are available with TEK, GTYPE, HTYPE and LTYPE Alternate Mounting Adapters— see specification sheet for details.

#### Accessories

For Fixtures	T1030, T1031S	T1038
Accessory Ring	TAH BLCK 469	TAH BLCK 550
Color Filters	CGF 469*	CGF 550*
Dichroic Filters	DGF 469*	—
Dichroic Color Correction Filters	DCCF 469*	—
Diffusion Lens	DIFF 469*	—
Uniformity Lens	SOLITE 469*	—
UV Filter	UVF 469*	—
Prismatic Spread Lens	PRISM 469*	—
Linear Spread Lens	LSPREAD 469*	—
Hexcell Louver	HCLBL 469*	—
Cube Cell Louver	CCLBL 469*	CCLBL 550*
Cross Baffle	XBAFLBL 469*	—
Eyebrow	EYEBROWBL 469*	—
Snoot	SNOOTBL 469*	—

\* Filters, lenses, louver, cross baffle, eyebrow and snoot require accessory ring for installation.

## Trac-Master® | Low Voltage MR16 LED-Compatible Lampholders

### T1040 and T1042

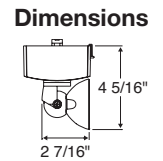
These low voltage fixtures offer both mechanical and electrical compatibility with most MR16 LED lamps (by others). Constructed with open or semi-open designs, this series provides for improved airflow around the lamp, leading to better cooling and optimized LED lamp life. They may also be used with MR16 halogen lamps with integral cover glass. Each fixture is designed with an integral transformer housing which is centered above the lampholder, offering a new and unique aesthetic in a small, close-to-the-track fixture footprint. Fixtures are dimming-compatible (with dimmable lamps) – contact lamp manufacturer to confirm full compatibility.



**Catalog #**  
T1040 H WH  
T1040 H BL

**Finish**  
White  
Black

**Lamp**  
12V, 50W max. MR16CG Cover Glass



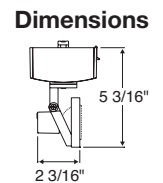
### Lily16



**Catalog #**  
T1042 H WH  
T1042 H BL

**Finish**  
White  
Black

**Lamp**  
12V, 50W max. MR16CG Cover Glass



### Concentricity16

Note: T1040 and T1042 are available with GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.

# Trac-Master® | Professional Halogen Series

## Cylindra™ Low Voltage

### Cylindra™ Low Voltage

Applying a new twist to a traditional design, the Cylindra Series offers a unique, contemporary aesthetic based on a step cylinder fixture platform. Gentle arcs elegantly blend with bold edges to provide a unique yet timeless visual appeal. Each Cylindra fixture is supplied with an integral bayonet-mount media cartridge that is designed to simultaneously accept up to two light control accessories.



#### Catalog #

**T841 WH**  
**T841 BL**

#### Finish

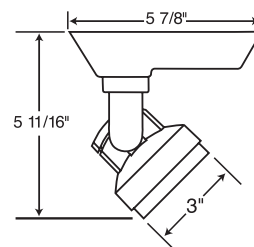
White  
Black

#### Lamp

12V, 50W max. MR16

T537 Transformer required. Must order separately.  
See Low Voltage Transformers section for detailed information.

#### Dimensions



### Accessories

For Fixtures	T841
Color Filters	<b>CGF 200</b>
Dichroic Filters	<b>DGF 200</b>
Dichroic Color Correction Filters	<b>DCCF 200</b>
Diffusion Lens	<b>DIFF 200</b>
Uniformity Lens	<b>SOLITE 200</b>
UV Filter	<b>UVF 200</b>
Prismatic Spread Lens	<b>PRISM 200</b>
Linear Spread Lens	<b>LSPREAD 200</b>
Hexcell Louver	<b>HCLBL 200</b>
Snoot	<b>SNOOTBL 200</b>

# Trac-Master® | Designer Series

## Close-Ups

### Close-Ups

As the name implies, this compact, stylish lampholder hugs close to the track for minimum intrusion into a space. The softly sculpted back detail and metal shades are welcome design refinements for many interiors.

#### PAR30 - Open

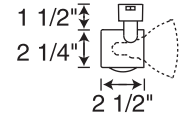


**Catalog #**  
T230 WH

**Finish**  
White

**Lamp**  
75W max. PAR30

#### Dimensions



#### PAR30 - Enclosed

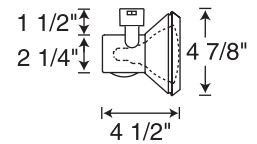


**Catalog #**  
T231 WH  
T231 BL

**Finish**  
White  
Black

**Lamp**  
75W max. PAR30

#### Dimensions



#### PAR38 - Enclosed

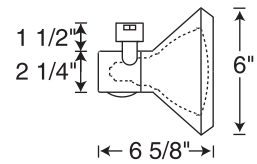


**Catalog #**  
T239 WH  
T239 BL

**Finish**  
White  
Black

**Lamp**  
120W max. PAR38

#### Dimensions



The product and system may be covered by the following patents: U.S. Patent D376,026; Canada Patent 79,733



# Trac-Master® | Classic Series

## Open Back Gimbals

### Open Back Gimbals

Gimbal rings are ever popular due to their long-standing use as an economical, general-purpose track lampholder.



#### Catalog #

**T363 WH**  
**T363 BL**

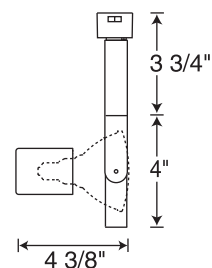
#### Finish

White  
Black

#### Lamp

75W max. PAR30

#### Dimensions



#### Catalog #

**T368 WH**  
**T368 BL**

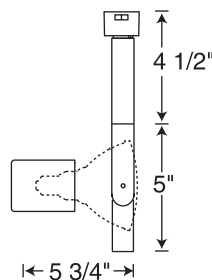
#### Finish

White  
Black

#### Lamp

150W max. PAR38

#### Dimensions



### Accessories


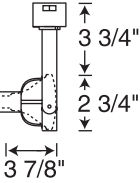

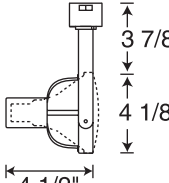

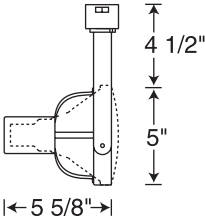
For Fixtures	<b>T368</b>
Color Filters	<b>CGF 469</b>
Dichroic Filters	<b>DGF 469</b>
Dichroic Color Correction Filters	<b>DCCF 469</b>
Diffusion Lens	<b>DIFF 469</b>
Uniformity Lens	<b>SOLITE 469</b>
UV Filter	<b>UVF 469</b>
Prismatic Spread Lens	<b>PRISM 469</b>
Linear Spread Lens	<b>LSPREAD 469</b>
Hexcell Louver	<b>HCLBL 469</b>
Cube Cell Louver	<b>CCLBL 469</b>
Cross Baffle	<b>XBAFLBL 469</b>
Eyebrow	<b>EYEBROWBL 469</b>
Snoot	<b>SNOOTBL 469</b>

# Trac-Master® | Classic Series

## Front Lamping Gimbals

### Front Lamping Gimbals

A Juno innovation, the front-loading gimbal ring combines the practicality, versatility and economy of traditional gimbal ring track fixtures with a fixed socket housing to allow simplified front relamping.

	<b>Catalog #</b> <b>T687 WH</b> <b>T687 BL</b>	<b>Finish</b> White Black	<b>Lamp</b> 50W max. PAR20	<b>Dimensions</b> 
	<b>Catalog #</b> <b>T689 WH</b> <b>T689 BL</b>	<b>Finish</b> White Black	<b>Lamp</b> 75W max. PAR30	<b>Dimensions</b> 
	<b>Catalog #</b> <b>T690 WH</b> <b>T690 BL</b> <b>T690 SL</b>	<b>Finish</b> White Black Silver	<b>Lamp</b> 250W max. PAR38	<b>Dimensions</b> 

Note: T690 is available with TEK, GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.

# Trac-Master® | Classic Series

## Universals

### Universals

These economical, universal lampholders accept a wide range of wattages and sizes of popular halogen PAR and incandescent R/BR lamps.

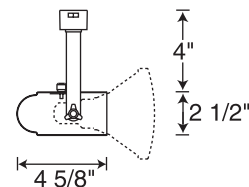


**Catalog #**  
**T308 WH**  
**T308 BL**

**Finish**  
 White  
 Black

**Lamp**  
 50W max. R20/  
 50W max. PAR20/  
 85W max. BR30/  
 75W max. PAR30/  
 120W max. BR40/  
 150W max. PAR38

**Dimensions**

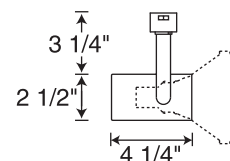


**Catalog #**  
**T620 WH**  
**T620 BL**

**Finish**  
 White  
 Black

**Lamp**  
 50W max. R20/  
 50W max. PAR20/  
 85W max. BR30/  
 75W max. PAR30/  
 120W max. BR40/  
 150W max. PAR38

**Dimensions**

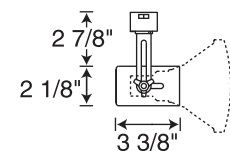


**Catalog #**  
**T691 WH**  
**T691 BL**  
**T691 NAT**

**Finish**  
 White  
 Black  
 Natural

**Lamp**  
 60W max. PAR16/  
 50W max. PAR20/  
 75W max. PAR30/  
 150W max. PAR38

**Dimensions**



**Notes:**

T691 is available with GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.

The Natural (NAT) finish is merely a raw finish with a clear protective coating applied—inconsistencies, scratches, and minor processing marks are part of the unique aesthetic created by this process and should be expected.

# Trac-Master® | Classic Series

## Flat Back Cylinders

### Flat Back Cylinders

These long-standing traditional lampholders accept both halogen PAR and incandescent R/BR lamps and provide deep lamp shielding.



#### Catalog #

**T313 WHB WH**  
**T313 BLB BL**

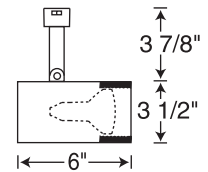
#### Finish

White/White Baffle  
Black/Black Baffle

#### Lamp

50W max. R20/  
50W max. PAR20

#### Dimensions



#### Catalog #

**T315 BLB BL**

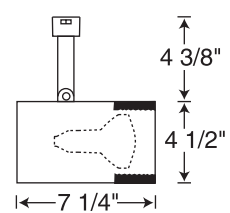
#### Finish

Black/Black Baffle

#### Lamp

75W max. BR30/  
75W max. PAR30L

#### Dimensions



### Accessories

For Fixtures	T313	T315
Accessory Holder	<b>T560BL</b>	-
Color Filters	<b>CGF 375*</b>	<b>CGF 469*</b>
Dichroic Filters	<b>DGF 375*</b>	<b>DGF 469*</b>
Dichroic Color Correction Filters	<b>DCCF 375*</b>	<b>DCCF 469*</b>
Diffusion Lens	<b>DIFF 375*</b>	<b>DIFF 469*</b>
Uniformity Lens	<b>SOLITE 375*</b>	<b>SOLITE 469*</b>
UV Filter	<b>UVF 375*</b>	<b>UVF 469*</b>
Prismatic Spread Lens	<b>PRISM 375*</b>	<b>PRISM 469*</b>
Linear Spread Lens	<b>LSPREAD 375*</b>	<b>LSPREAD 469*</b>
Hexcell Louver	<b>HCLBL 375*</b>	<b>HCLBL 469*</b>
Cube Cell Louver	<b>CCLBL 375*</b>	<b>CCLBL 469*</b>
Cross Baffle	-	<b>XBAFLBL 469*</b>
Eyebrow	<b>EYEBROWBL 375*</b>	<b>EYEBROWBL 469*</b>
Snoot	<b>SNOOTBL 375*</b>	<b>SNOOTBL 469*</b>
Barn Doors	<b>T71BL 375</b>	<b>T72BL 469</b>

\* Filters, lenses and louver require accessory holder or barn doors for installation.





Low voltage fixtures are one of the most widely used tools to create effective, dramatic accent lighting. Most of the Juno offering of low voltage fixtures is presented in this section for ease of selection, many of which are compatible with state-of-the-art LED lamps.

### **Precise Beam Control**

Low voltage lamps are available in a wide variety of precise beam patterns from pin-spots to wide floods. Combined with lens accessories, an infinite range of exacting effects is possible.

### **Crisp, White Light**

The point source and white-light characteristics of low voltage lamps render the color and dimension of objects with exceptional clarity.

### **Miniature Size**

Low voltage lamps, and the fixtures that house them, are of a small scale that can integrate more unobtrusively into lighting designs.

### **Energy Efficiency**

Low voltage lamps produce substantially more usable accent lighting per watt of energy as compared with line voltage halogen sources. Due to their miniature size, they often can be positioned closer to an object being illuminated, thus requiring less wattage to create the desired effect. MR16 LED lamps, with their even higher efficacies and longer service life, offer a very attractive alternative to halogen MR16s.

### **Cool Beam**

MR16 halogen lamps are commonly available with dichroic reflector coatings that allow the infrared energy to pass out the back of the lamp, projecting mostly visible light forward. LED lamps have no forward projected heat. Each of these lamp types reduces the projected heat on objects and people in a space.

### **Long Life**

The compact filament of low voltage halogen lamps is very rugged and results in lamp life up to 6000 hours. Low voltage LED lamps typically provide a rated life of 15,000 to 35,000 hours, with some providing up to 50,000 hours, effectively eliminating lamp maintenance in many applications.

### **Juno High-Quality Electronic Transformers**

Juno low voltage electronic transformers are designed to provide 40,000-hour life minimum, even in higher 40-degree centigrade elevated ambient temperatures. They are FCC certified to the highest noise limiting standards to minimize the potential for radio interference and provide quiet operation even when dimmed. Juno offers universal LED-compatible transformers for applications that use LED lamps.

## Trac-Master® | Low Voltage MR16 LED-Compatible Lampholders

### T1040 and T1042

These low voltage fixtures offer both mechanical and electrical compatibility with most MR16 LED lamps (by others). Constructed with open or semi-open designs, this series provides for improved airflow around the lamp, leading to better cooling and optimized LED lamp life. They may also be used with MR16 halogen lamps with integral cover glass. Each fixture is designed with an integral transformer housing which is centered above the lampholder, offering a new and unique aesthetic in a small, close-to-the-track fixture footprint. Fixtures are dimming-compatible (with dimmable lamps) – contact lamp manufacturer to confirm full compatibility.



**Lily16**

#### Catalog #

**T1040 H WH**  
**T1040 H BL**

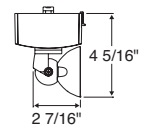
#### Finish

White  
Black

#### Lamp

12V, 50W max. MR16CG Cover Glass

#### Dimensions



**Concentricity16**

#### Catalog #

**T1042 H WH**  
**T1042 H BL**

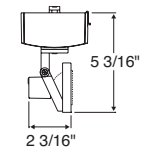
#### Finish

White  
Black

#### Lamp

12V, 50W max. MR16CG Cover Glass

#### Dimensions



Note: T1040 and T1042 are available with GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.

# Trac-Master® | Low Voltage Cylindra™

## Cylindra™

Applying a new twist to a traditional design, Cylindra Series offers a unique, contemporary aesthetic based on a step cylinder fixture platform. Gentle arcs elegantly blend with bold edges to provide a unique yet timeless visual appeal. The Cylindra low voltage is designed to use 50W max. MR16 lamps. Each Cylindra fixture is supplied with an integral bayonet-mount media cartridge that is designed to simultaneously accept up to two light control accessories.



### Catalog #

**T841 WH**

**T841 BL**

### Finish

White

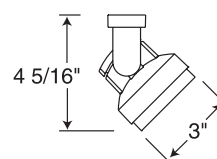
Black

### Lamp

12V, 50W max. MR16

T537 Transformer required. Must order separately.  
See Low Voltage Transformers section for detailed information.

### Dimensions



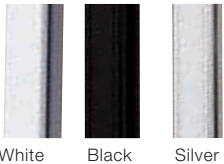
## Accessories

For Fixtures	T841
Color Filters	<b>CGF 200</b>
Dichroic Filters	<b>DGF 200</b>
Dichroic Color Correction Filters	<b>DCCF 200</b>
Diffusion Lens	<b>DIFF 200</b>
Uniformity Lens	<b>SOLITE 200</b>
UV Filter	<b>UVF 200</b>
Prismatic Spread Lens	<b>PRISM 200</b>
Linear Spread Lens	<b>LSPREAD 200</b>
Hexcell Louver	<b>HCLBL 200</b>
Snoot	<b>SNOOTBL 200</b>

# Trac-Master® System

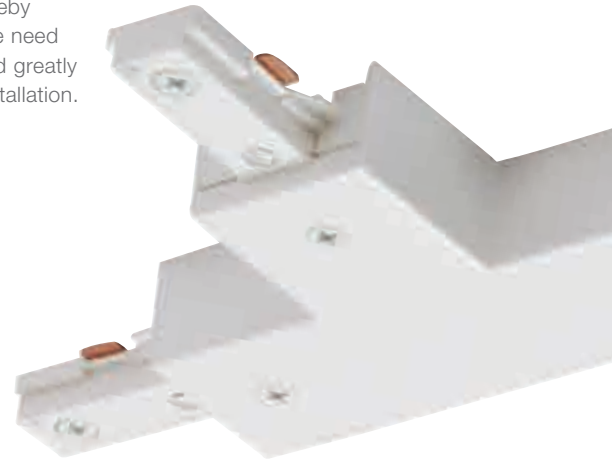
## Track Sections

- Extruded aluminum channels for strength and rigidity.
- Low profile minimizes visual ceiling intrusion.
- 12-gauge solid copper conductors.
- Available in a variety of finishes: white, black or silver
- Extruded thermoplastic insulator features dimensional and thermal stability, plus excellent insulating properties
- 12-gauge solid copper conductors.
- Debossed visual polarity line indicates the positive conductor (+) side of the track.



## Track Connectors

Juno Trac “push-in” connectors mechanically and electrically join track sections together, thereby eliminating the need for splices and greatly simplifying installation.



One-Circuit Track



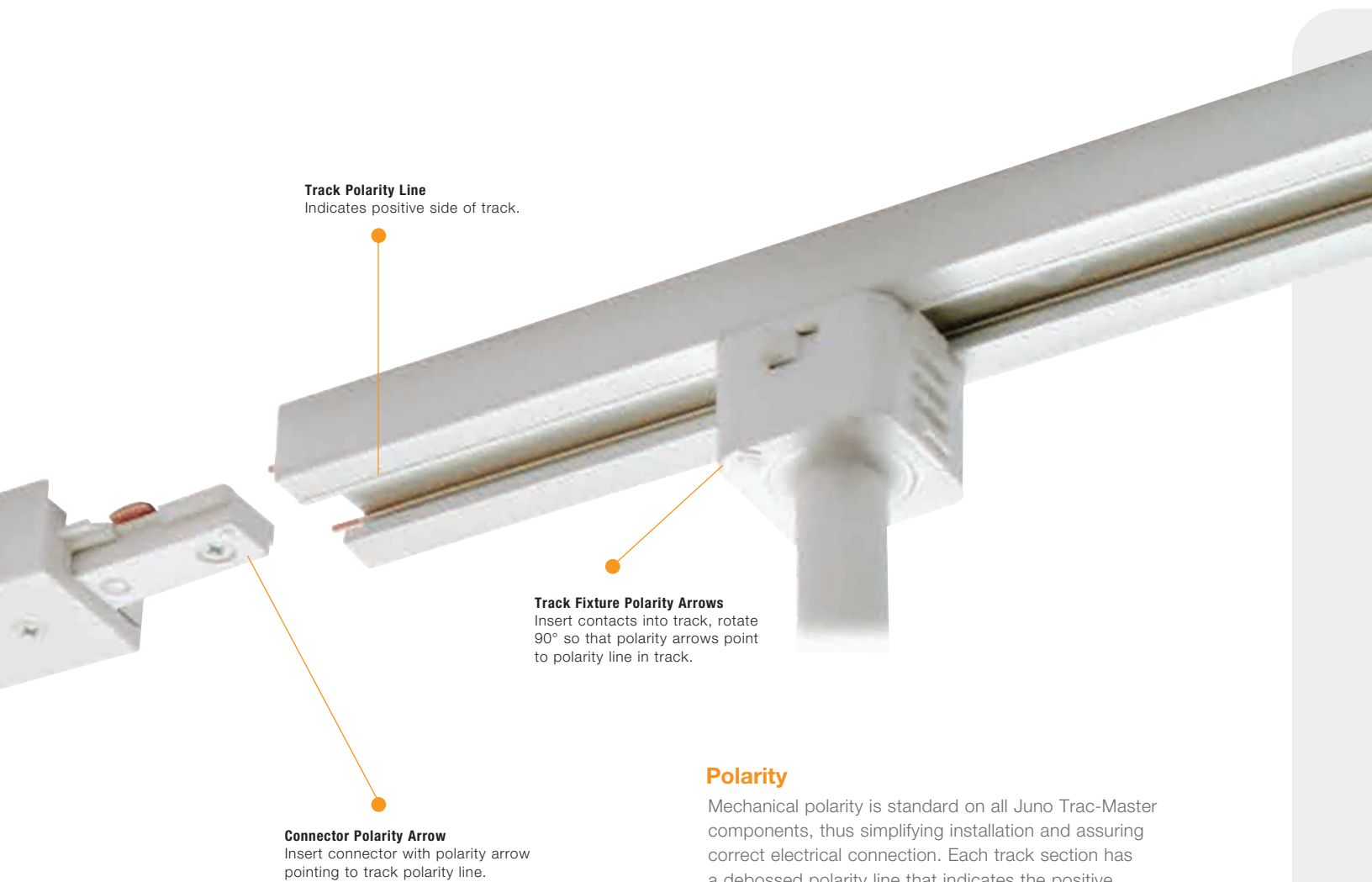
Two-Circuit Track

## Key Features of Juno Track Connectors

- Embossed polarity arrows indicate correct insertion position.
- Mechanical polarity assures proper electrical connection.
- Screw terminals simplify wiring.
- Spring-loaded copper alloy contacts provide excellent electrical conductivity.
- Polycarbonate cover construction provides strength, insulation and permanent color.

Safe and simple installation is what you can expect from Juno one-circuit and two-circuit track systems. All are engineered and manufactured using the latest technology, assuring the highest possible quality.





**Track Polarity Line**  
Indicates positive side of track.

**Track Fixture Polarity Arrows**  
Insert contacts into track, rotate 90° so that polarity arrows point to polarity line in track.

**Connector Polarity Arrow**  
Insert connector with polarity arrow pointing to track polarity line.

## Polarity

Mechanical polarity is standard on all Juno Trac-Master components, thus simplifying installation and assuring correct electrical connection. Each track section has a debossed polarity line that indicates the positive conductor side. Both the connectors and the track fixtures have indicator arrows designed to point to the track polarity line when installed properly. The system is virtually foolproof.

## The Super Adapter

The standard Juno Super Adapter permits Juno Trac fixtures to be used on one-circuit or two-circuit track systems.

### Key Features of Juno Super Adapter



- A** Copper alloy contacts provide the best possible electrical conductivity and precise spring action; prevents arcing and will not take a set.
- B** True, positive electrical ground.
- C** On/off switch included on all Trac-Master fixtures with Super Adapter.
- D** Patented, embossed polarity arrows on bottom of adapter.
- E** Spring-loaded positive latch with embossed polarity arrows secures track fixture to track.
- F** Raise contact to “up” position for two-circuit installation.
- G** Upper-circuit contact support assures proper contact with line conductor.

# Trac-Master® | Track System Components

## One-Circuit System



### Description

One-Circuit Trac-Master® sections are available as surface mounted track or may be suspended from ceiling with pendant accessories listed in One-Circuit System Pendant Mounting Accessories section.

### Features

- Extruded aluminum channel
- Extruded thermoplastic insulator
- Debossed polarity line
- 12-gauge solid copper conductors
- Concealed wireway on top of track section
- 20 amp capacity
- UL Listed, CSA Certified
- Can be cut to custom length by installer

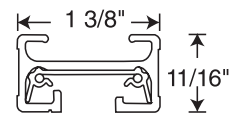
### Surface Track

Includes dead-end and mounting hardware.



Catalog #	Finish	Description
T 2FT WH T 2FT BL T 2FT SL	White Black Silver	2' One-Circuit Track (actual length 19 7/8")
T 4FT WH T 4FT BL T 4FT SL	White Black Silver	4' One-Circuit Track (actual length 43 7/8")
T 6FT WH T 6FT BL T 6FT SL	White Black Silver	6' One-Circuit Track (actual length 67 7/8")
T 8FT WH T 8FT BL T 8FT SL	White Black Silver	8' One-Circuit Track (actual length 91 7/8")
T 12FT WH T 12FT BL T 12FT SL	White Black Silver	12' One-Circuit Track (actual length 139 7/8")

### Dimensions



### Dead End

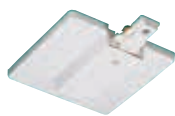


Track Dead End

Catalog #	Finish	Description
T28 WH T28 BL T28 SL	White Black Silver	• Track Dead End for use on Juno Trac-Master one-circuit track system field-cut sections.



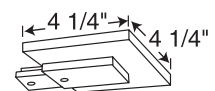
### Electrical End Feeds



End Feed Connector and Outlet Box Cover

Catalog #	Finish	Description
T21 WH T21 BL T21 SL	White Black Silver	• For outlet box feed • Includes outlet cover, fixture
T21 RP WH T21 RP BL T21 RP SL	White Black Silver	• Same as above except designed for use in opposite polarity orientation compared to standard feed connectors • See specification sheets for more details


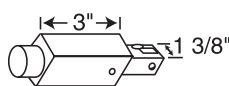
### Dimensions

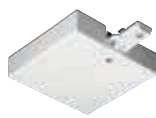
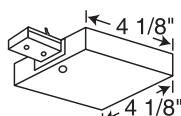


# Trac-Master® | Track System Components


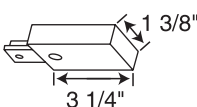
## One-Circuit System


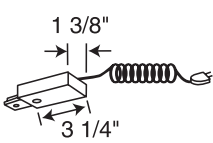
### Electrical End Feeds (cont)

 Conduit Adapter	Catalog #	Finish	Description	Dimensions
	T34 WH	White	<ul style="list-style-type: none"> <li>For surface wiring</li> <li>Accepts standard 1/2" connector</li> </ul>	
	T34 BL	Black		
	T34 SL	Silver		
	T34 RP WH	White	<ul style="list-style-type: none"> <li>Same as above except designed for use in opposite polarity orientation compared to standard adapters</li> <li>See specification sheets for more details</li> </ul>	
	T34 RP BL	Black		
	T34 RP SL	Silver		


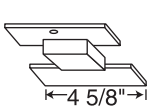
 T-Bar End Feed	Catalog #	Finish	Description	Dimensions
	T36 WH	White	<ul style="list-style-type: none"> <li>Wiring compartment contains standard 1/2" KO's</li> <li>Feeds surface track from above when 15/16" T-bar is directly above track</li> </ul>	
	T36 BL	Black		
	T36 SL	Silver		
	T36 RP WH	White	<ul style="list-style-type: none"> <li>Same as above except designed for use in opposite polarity orientation compared to standard feeds</li> <li>See specification sheets for more details</li> </ul>	
	T36 RP BL	Black		
	T36 RP SL	Silver		

The product and system may be covered by the following United States patent: U5,259,774


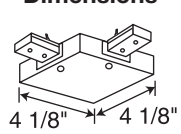
 End Feed Connector	Catalog #	Finish	Description	Dimensions
	T38 WH	White	<ul style="list-style-type: none"> <li>Feed track from above with flexible conduit, BX, etc., or end feed in pendant systems</li> <li>Accepts standard 1/2" connector</li> </ul>	
	T38 BL	Black		
	T38 SL	Silver		
	T38 RP WH	White	<ul style="list-style-type: none"> <li>Same as above except designed for use in opposite polarity orientation compared to standard feed connectors</li> <li>See specification sheets for more details</li> </ul>	
	T38 RP BL	Black		
	T38 RP SL	Silver		

 Cord and Plug Connector	Catalog #	Finish	Description	Dimensions
	T22 WH	White	<ul style="list-style-type: none"> <li>Comes with 15' two-wire white cord</li> <li>Includes surface wire retainers and in-line switch</li> <li>Maximum capacity 7 amps</li> </ul>	
	T22 BL	Black		
	T22 SL	Silver		
	T122 WH	White	<ul style="list-style-type: none"> <li>Same as above but with matching color 3-wire grounded cord and plug</li> <li>No switch</li> </ul>	
	T122 BL	Black		
	T122 SL	Silver		

### Electrical Floating Feed

 Floating Electrical Feed	Catalog #	Finish	Description	Dimensions
	T29 WH	White	<ul style="list-style-type: none"> <li>Permits mounting to any point of track under outlet box</li> <li>Includes floating connector and outlet box cover plus extra track dead end</li> </ul>	
	T29 BL	Black		
	T29 SL	Silver		


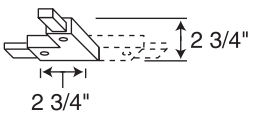

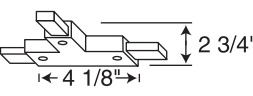

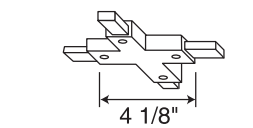

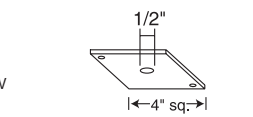

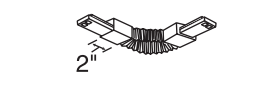

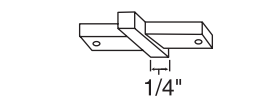

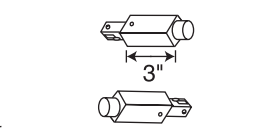
### Electrical Joiner Feed

 T-Bar Adjustable Joiner Feed	Catalog #	Finish	Description	Dimensions
	T35 WH	White	<ul style="list-style-type: none"> <li>Joins two track sections to make 90° angle or straight run</li> <li>Wiring compartment contains standard 1/2" KO's</li> <li>Feeds from above when 15/16" T-bar is directly above track</li> </ul>	
	T35 BL	Black		
	T35 SL	Silver		

# Trac-Master® | Track System Components

## One-Circuit System

### Track Joiners


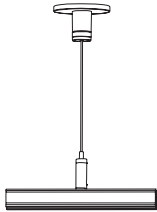

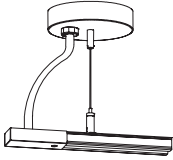
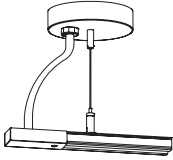
 Adjustable Connector	<b>Catalog #</b> <b>T24N WH*</b> <b>T24N BL*</b> <b>T24N SL*</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Joins two track sections to make 90° angle or straight run</li> <li>Straight and right angle covers supplied</li> <li>For outlet box feed, T27 outlet box cover also required (order separately)</li> </ul>	<b>Dimensions</b> 
<b>T24F WH*</b> White <b>T24F WH*</b> Silver <b>T24F BL*</b> Black <small>* T24N cannot be used as a feed connector in Canada - use T24F as feed connector in Canada.</small>				
 "T" Connector	<b>Catalog #</b> <b>T25 WH*</b> <b>T25 BL*</b> <b>T25 SL*</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Joins three track sections</li> <li>For outlet box feed, T27 outlet box cover also required (order separately)</li> </ul>	<b>Dimensions</b> 
<b>T25F WH*</b> White <b>T25F BL*</b> Black <b>T25F SL*</b> Silver <ul style="list-style-type: none"> <li>Same as T25 but permits electrical feed</li> <li>Required in Canada only</li> </ul>				
<b>T25 RP WH*</b> White <b>T25 RP BL*</b> Black <b>T25 RP SL*</b> Silver <ul style="list-style-type: none"> <li>Same as above except designed for use in opposite polarity orientation compared to standard connectors</li> <li>See specification sheets for more details</li> </ul>				
<small>* T25 cannot be used as a feed connector in Canada - use T25F as feed connector in Canada.</small>				
 "X" Connector	<b>Catalog #</b> <b>T26 WH*</b> <b>T26 BL*</b> <b>T26 SL*</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Joins four track sections at 90° angles</li> <li>For outlet box feed, T27 outlet box cover also required (order separately)</li> </ul>	<b>Dimensions</b> 
<b>T26F WH*</b> White <b>T26F BL*</b> Black <b>T26F SL*</b> Silver <ul style="list-style-type: none"> <li>Same as T26 but permits electrical feed</li> <li>Required in Canada only</li> </ul>				
<small>* T26 cannot be used as a feed connector in Canada - use T26F as feed connector in Canada.</small>				
 Outlet Box Cover	<b>Catalog #</b> <b>T27 WH</b> <b>T27 BL</b> <b>T27 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Use with No. T24, T25, T26, for outlet box electrical feed</li> <li>Includes nipple, locknut and ground screw</li> </ul>	<b>Dimensions</b> 
 Accordion Adjustable Joiner	<b>Catalog #</b> <b>T20 WH</b> <b>T20 BL</b> <b>T20 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Can flex to 90° angle to left, right, up or down</li> <li>Joins two track sections</li> </ul>	<b>Dimensions</b> 
 Straight Connector	<b>Catalog #</b> <b>T23 WH</b> <b>T23 BL</b> <b>T23 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Joins two track sections end to end</li> </ul>	<b>Dimensions</b> 
 Track Continuation Kit	<b>Catalog #</b> <b>T49 WH</b> <b>T49 BL</b> <b>T49 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Permits track to continue a run around obstructions</li> <li>Includes one left and one right T34 Conduit Adapter</li> <li>Accepts standard 1/2" conduit connector</li> </ul>	<b>Dimensions</b> 



# Trac-Master® | Track System Components

## One-Circuit System

### Cable Suspension Kit

 <p>T-Bar/Rigid Ceiling Cable Suspension Kit</p>	<b>Catalog #</b>	<b>Finish</b>	<b>Description</b>	
	<b>T595 48IN WH</b>	White	<ul style="list-style-type: none"> <li>• Mechanical-only cable suspension kit for one-circuit or two-circuit track</li> <li>• Adjustable 48" or 144" cable</li> <li>• For use on 15/16" flush T-bar ceilings</li> </ul>	
	<b>T595 48IN BL</b>	Black		
	<b>T595 144IN WH</b>	White		
<b>T595 144IN BL</b>	Black			
 <p>T-Bar/Rigid Ceiling Cable Suspension/Feed Kit</p>	<b>Catalog #</b>	<b>Finish</b>	<b>Description</b>	
	<b>T596 48IN WH</b>	White	<ul style="list-style-type: none"> <li>• Cable suspension kit with 48" or 144" electrical feed for one-circuit track</li> <li>• For use on 15/16" flush T-bar ceilings</li> <li>• Order track electrical feed connector separately</li> </ul>	
	<b>T596 48IN BL</b>	Black		
	<b>T596 144IN WH</b>	White		
<b>T596 144IN BL</b>	Black			
<p>T-Bar/Rigid Ceiling Cable Suspension/Feed Kit</p>	<b>Catalog #</b>	<b>Finish</b>	<b>Description</b>	
	<b>T598 48IN WH</b>	White	<ul style="list-style-type: none"> <li>• Cable suspension kit with 48" or 144" electrical feed for one-circuit track</li> <li>• For use on rigid ceilings</li> <li>• Order track electrical feed connector separately</li> </ul>	
	<b>T598 48IN BL</b>	Black		
	<b>T598 144IN WH</b>	White		
<b>T598 144IN BL</b>	Black			

# Trac-Master® | Track System Components

## One-Circuit System

### Pendant Mounting Accessories

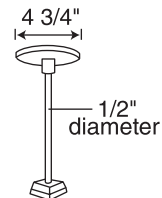


Catalog #	Finish
T90 12IN WH	White
T90 12IN BL	Black
T90 12IN SL	Silver
T90 18IN WH	White
T90 18IN BL	Black
T90 18IN SL	Silver
T90 24IN WH	White
T90 24IN BL	Black
T90 24IN SL	Silver
T90 36IN WH	White
T90 36IN BL	Black
T90 36IN SL	Silver
T90 48IN WH	White
T90 48IN BL	Black
T90 48IN SL	Silver

#### Description

- Compatible with 15/16" flush T-bar ceilings
- 12", 18", 24", 36", 48" stem lengths
- Use two for 2', 4', or 6' of track or three for 8' and four for 12' of track
- For electrical feed, order wireway cover T93 and T38

#### Dimensions



Catalog #	Finish
T91 12IN WH	White
T91 12IN BL	Black
T91 12IN SL	Silver
T91 18IN WH	White
T91 18IN BL	Black
T91 18IN SL	Silver
T91 24IN WH	White
T91 24IN BL	Black
T91 24IN SL	Silver
T91 36IN WH	White
T91 36IN BL	Black
T91 36IN SL	Silver
T91 48IN WH	White
T91 48IN BL	Black
T91 48IN SL	Silver

#### Description

- 12", 18", 24", 36", 48" stem lengths
- Attaches directly to junction box
- Use two for 2', 4', or 6' of track or three for 8' and four for 12' of track
- For electrical feed, order wireway cover T93 and T38

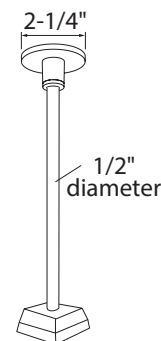


Catalog #	Finish
T9091M 12IN WH	White
T9091M 12IN BL	Black
T9091M 12IN SL	Silver
T9091M 18IN WH	White
T9091M 18IN BL	Black
T9091M 18IN SL	Silver
T9091M 24IN WH	White
T9091M 24IN BL	Black
T9091M 24IN SL	Silver
T9091M 36IN WH	White
T9091M 36IN BL	Black
T9091M 36IN SL	Silver
T9091M 48IN WH	White
T9091M 48IN BL	Black
T9091M 48IN SL	Silver

#### Description

- For mechanical support only (no feed). Suspends track from T-bar or rigid ceilings.
- 12", 18", 24", 36", 48" stem lengths
- Use two for 2', 4', or 6' of track or three for 8' and four for 12' of track
- Includes Mini-Canopy, pendant stem, 1-5/16" T-bar clip, drywall anchor and track mounting hardware.






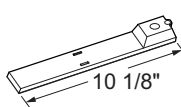

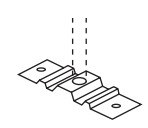

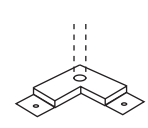

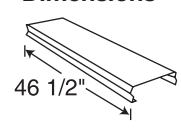
#### Dimensions



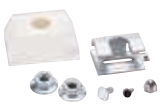

# Trac-Master® | Track System Components

## One-Circuit System

### Pendant Mounting Accessories (cont)

 Pendant Stem Coupling	<b>Catalog #</b> <b>T96 WH</b> <b>T96 BL</b> <b>T96 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Joins pendant stems for use in higher ceiling applications</li> </ul>	
 Pendant Slope Ceiling Adapter	<b>Catalog #</b> <b>T94 WH</b> <b>T94 BL</b> <b>T94 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Allows T90 or T91 pendant to hang straight down from sloped ceilings</li> <li>Can be used to feed electrical to track at up to 60° angle</li> </ul>	
 Feed Wireway Cover	<b>Catalog #</b> <b>T93 WH</b> <b>T93 BL</b> <b>T93 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>For use with pendant stem kits T90 and T91</li> <li>Conceals electrical feed wires from stem to connector</li> <li>One cover should be used for each track feed</li> </ul>	<b>Dimensions</b>  10 1/8"
 Straight Structural Bridge	<b>Catalog #</b> <b>T92</b>		<b>Description</b> <ul style="list-style-type: none"> <li>For use with T24 connector when used straight</li> <li>Permits mounting pendant stem kits (T90, T91) at center of track connector</li> </ul>	
 Corner Structural Bridge	<b>Catalog #</b> <b>T92L WH</b> <b>T92L BL</b> <b>T92L SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>For use with T24 connector when used at 90°</li> <li>Permits mounting pendant stem kits (T90, T91) at center of track connector</li> </ul>	
 Track Wireway Cover	<b>Catalog #</b> <b>T39 BL</b>	<b>Finish</b> Black	<b>Description</b> <ul style="list-style-type: none"> <li>4' long black thermoplastic extrusion, covers wire carried in track wireway</li> <li>Use one for 4' track, two for 8' and three for 12' track</li> <li>Can be field cut</li> </ul>	<b>Dimensions</b>  46 1/2"


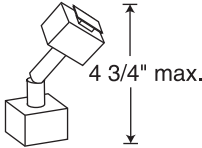

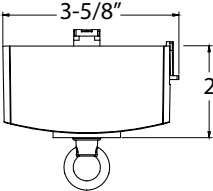

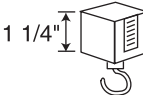


### Miscellaneous Mounting Accessories

 Solid Rod Pendant Mounting Kit	<b>Catalog #</b> <b>T56 WH</b> <b>T56 BL</b> <b>T56 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Attaches solid 5/16" threaded rod to one or two-circuit track</li> <li>Includes plastic cap, mounting bracket and hardware; rod not supplied</li> </ul>
 T-Bar Attachment Clip	<b>Catalog #</b> <b>T37F</b> <b>T37D</b> <b>T37F916</b> <b>T37D916</b>		<b>Description</b> <ul style="list-style-type: none"> <li>To attach track to inverted tee ceiling</li> <li>Use two for 2' or 4' track and three for 6', 8' or 12' track</li> <li>T37F is compatible with 15/16" grid with flush tiles</li> <li>T37D is compatible with 15/16" grid with drop tiles</li> <li>T37F-9-16 is compatible with 9/16" grid with flush tiles</li> <li>T37D-9-16 is compatible with 9/16" grid with drop tiles</li> </ul>

# Trac-Master® | Track System Components

## One-Circuit System

### Miscellaneous Track Accessories

	<b>Catalog #</b> <b>T95 WH</b> <b>T95 BL</b> <b>T95 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Attaches to track, permitting Juno Trac-Master and Trac-Lites fixtures using the standard square Super Adapter to be hung vertically from sloped ceiling</li> <li>90° maximum adjustment</li> </ul>	<b>Dimensions</b> 
Slope Ceiling Fixture Adapter				
	<b>Catalog #</b> <b>T31N WH</b> <b>T31N BL</b> <b>T31N SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Adapts cord, swag or chain-hung fixture to track</li> <li>Includes strain relief for 3-wire cord (replaces chain loop)</li> <li>Chain installation accepts wire diameters up to 0.270" and supports up to 15 lbs.; strain relief installation requires Type SVT 18/3 3-wire cord and supports up to 5 lbs.</li> <li>UL Listed</li> <li>5A max</li> </ul>	<b>Dimensions</b> 
Pendant Adapter				
<small>Note: T31N is available with GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.</small>				
	<b>Catalog #</b> <b>T32 WH</b> <b>T32 BL</b>	<b>Finish</b> White Black	<b>Description</b> <ul style="list-style-type: none"> <li>Supports up to 25 lbs.</li> <li>Not UL Listed</li> </ul>	<b>Dimensions</b> 
Planter or Utility Hook				
	<b>Catalog #</b> <b>T33 WH</b> <b>T33 BL</b> <b>T33 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Provides electrical receptacle</li> <li>Not UL Listed</li> <li>7A max</li> </ul>	<b>Dimensions</b> 
Outlet Adapter				



# Trac-Master® | Track System Components

## Two-Circuit System



### Two-Circuit Track Sections

Includes dead-end and Super Adapter upper-circuit contact supports.

### Description

The Juno two-circuit Trac-Master® sections feature a sleek low profile design with the flexibility of individual circuit control for combining dual lighting effects along a single track. Juno two-circuit Trac-Master® track offers maximum switching flexibility and two 20 amp circuits (2400 watts each). The system permits individual circuit control (for both circuits) with the use of switches, dimmers or timers. In long track runs, the increased capacity eliminates 50% of the feed points. Two-circuit Trac-Master® track will accept all Juno Trac-Master lampholders. Track sections are available as surface mounted track or may be suspended from ceilings with pendant accessories listed in Two-Circuit System Pendant Mounting Accessories section.

### Features

- Extruded aluminum channel
- Extruded thermoplastic insulator
- Debossed polarity line
- 12-gauge solid copper conductors
- Concealed wireway on top of track section
- UL Listed, CSA Certified
- Can be cut to custom length by installer

	Catalog #	Finish	Description	Dimensions
	TU 2FT WH	White	2' Two-Circuit Track (actual length 19 7/8")	
	TU 2FT BL	Black	5 contact supports included	
	TU 2FT SL	Silver		
	TU 4FT WH	White	4' Two-Circuit Track (actual length 43 7/8")	
	TU 4FT BL	Black	5 contact supports included	
	TU 4FT SL	Silver		
	TU 6FT WH	White	6' Two-Circuit Track (actual length 67 7/8")	
	TU 6FT BL	Black	5 contact supports included	
	TU 6FT SL	Silver		
	TU 8FT WH	White	8' Two-Circuit Track (actual length 91 7/8")	
	TU 8FT BL	Black	10 contact supports included	
	TU 8FT SL	Silver		
	TU 12FT WH	White	12' Two-Circuit Track (actual length 139 7/8")	
	TU 12FT BL	Black	15 contact supports included	
	TU 12FT SL	Silver		

### Dead End



Track Dead End

Catalog #	Finish	Description
TU28 WH	White	• Track Dead End for use on Juno Trac-Master two-circuit track system field-cut track sections
TU28 BL	Black	
TU28 SL	Silver	

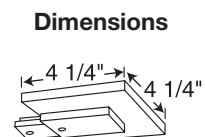


### Electrical End Feeds



End Feed Connector and Outlet Box Cover

Catalog #	Finish	Description
TU21 WH	White	• For outlet box feed • Includes outlet cover, fixture strap and ground screw
TU21 BL	Black	
TU21 SL	Silver	
TU21 RP WH	White	• Same as above except designed for use in opposite polarity orientation compared to standard feed connectors • See specification sheets for more details
TU21 RP BL	Black	
TU21 RP SL	Silver	


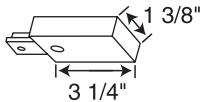



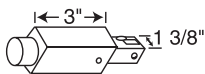
The product and system may be covered by the following United States patent: U5,259,774

# Trac-Master® | Track System Components


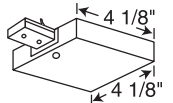
## Two-Circuit System

### Electrical End Feeds (cont)

	Catalog #	Finish	Description	Dimensions
 End Feed Connector	TU38 WH	White	<ul style="list-style-type: none"> <li>Feed track from above with flexible conduit, BX, etc., or end feed in pendant systems</li> <li>Accepts standard 1/2" connector</li> </ul>	
	TU38 BL	Black		
	TU38 SL	Silver		
	TU38 RP WH	White	<ul style="list-style-type: none"> <li>Same as above except designed for use in opposite polarity orientation compared to standard feed connectors</li> <li>See specification sheets for more details</li> </ul>	
	TU38 RP BL	Black		
	TU38 RP SL	Silver		

	Catalog #	Finish	Description	Dimensions
 Conduit Adapter	TU34 WH	White	<ul style="list-style-type: none"> <li>For surface wiring</li> <li>Accepts standard 1/2" connector</li> </ul>	
	TU34 BL	Black		
	TU34 SL	Silver		
	TU34 RP WH	White	<ul style="list-style-type: none"> <li>Same as above except designed for use in opposite polarity orientation compared to standard adapters</li> <li>See specification sheets for more details</li> </ul>	
	TU34 RP BL	Black		
	TU34 RP SL	Silver		


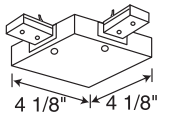
The product and system may be covered by the following United States patent: U5,259,774

	Catalog #	Finish	Description	Dimensions
 T-Bar End Feed	TU36 WH	White	<ul style="list-style-type: none"> <li>Wiring compartment contains standard 1/2" KO's</li> <li>Feeds surface track from above when 15/16" T-bar is directly above track</li> </ul>	
	TU36 BL	Black		
	TU36 SL	Silver		
	TU36 RP WH	White	<ul style="list-style-type: none"> <li>Same as above except designed for use in opposite polarity orientation compared to standard feeds</li> <li>See specification sheets for more details</li> </ul>	
	TU36 RP BL	Black		
	TU36 RP SL	Silver		

### Floating Electrical Feed

	Catalog #	Finish	Description	Dimensions
 Floating Electrical Feed	TU29 WH	White	<ul style="list-style-type: none"> <li>Permits mounting any point along track at the outlet box</li> <li>Includes floating connector, outlet box cover and extra track dead end</li> </ul>	
	TU29 BL	Black		
	TU29 SL	Silver		


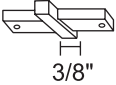

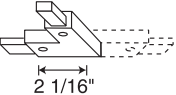

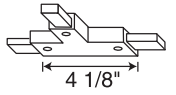

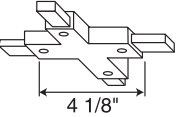

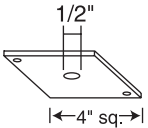


### Electrical Joiner Feed

	Catalog #	Finish	Description	Dimensions
 T-Bar Adjustable Joiner Feed	TU35 WH	White	<ul style="list-style-type: none"> <li>Joins two track sections to make 90° angle or straight run</li> <li>Wiring compartment contains standard 1/2" KO's</li> <li>Feeds from above when 15/16" T-bar is directly above track</li> </ul>	
	TU35 BL	Black		
	TU35 SL	Silver		

# Trac-Master® | Track System Components

## Two-Circuit System

### Track Joiners


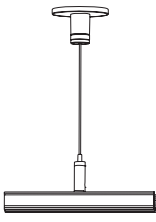

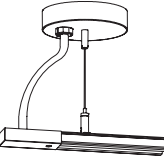
	<b>Catalog #</b> <b>TU23 WH</b> <b>TU23 BL</b> <b>TU23 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Joins two track sections end to end</li> </ul>	<b>Dimensions</b> 
	<b>Catalog #</b> <b>TU24 WH*</b> <b>TU24 BL*</b> <b>TU24 SL*</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Joins two track sections to make 90° angle or straight run</li> <li>Straight and right angle covers supplied</li> <li>For outlet box feed, T27 cover plate also required (order separately)</li> </ul>	<b>Dimensions</b> 
	<b>Catalog #</b> <b>TU25 WH*</b> <b>TU25 BL*</b> <b>TU25 SL*</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Joins three track sections</li> <li>For outlet box feed, T27 cover plate also required (order separately)</li> </ul>	<b>Dimensions</b> 
"T" Connector	<b>TU25 RP WH*</b> <b>TU25 RP BL*</b> <b>TU25 RP SL*</b>	White Black Silver	<ul style="list-style-type: none"> <li>Same as above except designed for use in opposite polarity orientation compared to standard connectors</li> <li>See specification sheets for more details</li> </ul>	
	<b>Catalog #</b> <b>TU26 WH*</b> <b>TU26 BL*</b> <b>TU26 SL*</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Joins four track sections at 90° angles</li> <li>For outlet box feed, T27 cover plate also required (order separately)</li> </ul>	<b>Dimensions</b> 
"X" Connector				
	<b>Catalog #</b> <b>T27 WH</b> <b>T27 BL</b> <b>T27 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Use with No. TU24, TU25, TU26, for outlet box electrical feed</li> <li>Includes nipple, locknut and ground screw</li> </ul>	<b>Dimensions</b> 
Outlet Box Cover				
	<b>Catalog #</b> <b>TU20 WH</b> <b>TU20 BL</b> <b>TU20 SL</b>	<b>Finish</b> White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Can flex to 90° angle to left, right, up or down</li> <li>Joins two track sections</li> </ul>	<b>Dimensions</b> 
Accordion Adjustable Joiner				

\* TU24, TU25 and TU26 cannot be used as feed connectors in Canada.


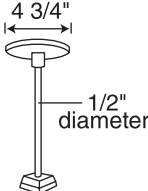

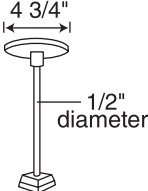
# Trac-Master® | Track System Components

## Two-Circuit System

### Cable Suspension Kit

 <p>T-Bar/Rigid Ceiling Cable Suspension Kit</p>	<b>Catalog #</b> <b>T595 48IN WH</b> <b>T595 48IN BL</b> <b>T595 144IN WH</b> <b>T595 144IN BL</b>	<b>Finish</b> White Black White Black	<b>Description</b> <ul style="list-style-type: none"> <li>Mechanical-only cable suspension kit for one-circuit or two-circuit track</li> <li>Adjustable 48" or 144" cable</li> <li>For use on 15/16" flush T-bar ceilings</li> </ul>	
	<b>T597 48IN WH</b> <b>T597 48IN BL</b> <b>T597 144IN WH</b> <b>T597 144IN BL</b>	White Black White Black	<ul style="list-style-type: none"> <li>Mechanical-only cable suspension kit for one-circuit or two-circuit track</li> <li>Adjustable 48" or 144" cable</li> <li>For use on rigid ceilings</li> </ul>	
 <p>T-Bar/Rigid Ceiling Cable Suspension/Feed Kit</p>	<b>Catalog #</b> <b>TU596 48IN WH</b> <b>TU596 48IN BL</b> <b>TU596 144IN WH</b> <b>TU596 144IN BL</b>	<b>Finish</b> White Black White Black	<b>Description</b> <ul style="list-style-type: none"> <li>Cable suspension kit with 48" or 144" electrical feed for two-circuit track</li> <li>For use on 15/16" flush T-bar ceilings</li> <li>Order track electrical feed connector separately</li> </ul>	
	<b>TU598 48IN WH</b> <b>TU598 48IN BL</b> <b>TU598 144IN WH</b> <b>TU598 144IN BL</b>	White Black White Black	<ul style="list-style-type: none"> <li>Cable suspension kit with 48" or 144" electrical feed for two-circuit track</li> <li>For use on 15/16" flush T-bar ceilings</li> <li>Order track electrical feed connector separately</li> </ul>	


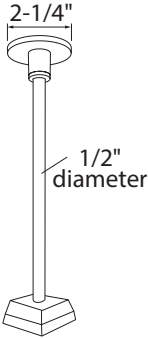
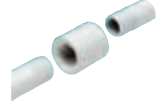




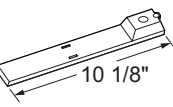

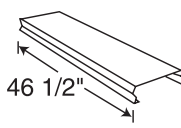
### Pendant Mounting Accessories

 <p>T-Bar Ceiling Pendant Stem Kit</p>	<b>Catalog #</b> <b>T90 12IN WH</b> <b>T90 12IN BL</b> <b>T90 12IN SL</b> <b>T90 18IN WH</b> <b>T90 18IN BL</b> <b>T90 18IN SL</b> <b>T90 24IN WH</b> <b>T90 24IN BL</b> <b>T90 24IN SL</b> <b>T90 36IN WH</b> <b>T90 36IN BL</b> <b>T90 36IN SL</b> <b>T90 48IN WH</b> <b>T90 48IN BL</b> <b>T90 48IN SL</b>	<b>Finish</b> White Black Silver White Black Silver White Black Silver White Black Silver White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>Compatible with 15/16" T-bar ceilings</li> <li>12", 18", 24", 36", 48" stem lengths</li> <li>Use two for 2', 4', or 6' of track or three for 8' and four for 12' of track</li> <li>For electrical feed, order T93 wireway cover and TU38 End Feed separately</li> </ul>	<b>Dimensions</b> 	
	 <p>Rigid Ceiling Pendant Stem Kit</p>	<b>Catalog #</b> <b>T91 12IN WH</b> <b>T91 12IN BL</b> <b>T91 12IN SL</b> <b>T91 18IN WH</b> <b>T91 18IN BL</b> <b>T91 18IN SL</b> <b>T91 24IN WH</b> <b>T91 24IN BL</b> <b>T91 24IN SL</b> <b>T91 36IN WH</b> <b>T91 36IN BL</b> <b>T91 36IN SL</b> <b>T91 48IN WH</b> <b>T91 48IN BL</b> <b>T91 48IN SL</b>	<b>Finish</b> White Black Silver White Black Silver White Black Silver White Black Silver White Black Silver	<b>Description</b> <ul style="list-style-type: none"> <li>12", 18", 24", 36", 48" stem lengths</li> <li>Attaches directly to junction box</li> <li>Use two for 2', 4', or 6' of track or three for 8' and four for 12' of track</li> <li>For electrical feed, order T93 wireway cover and TU38 End Feed separately</li> </ul>	<b>Dimensions</b> 

# Trac-Master® | Track System Components

## Two-Circuit System

### Pendant Mounting Accessories

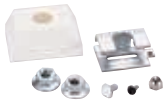
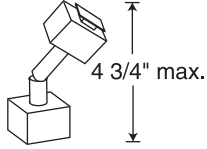

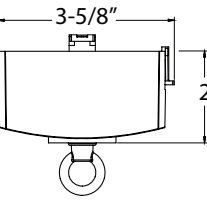

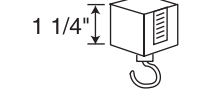

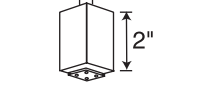




	<p><b>Catalog #</b>  <b>T9091M 12IN WH</b> White  <b>T9091M 12IN BL</b> Black  <b>T9091M 12IN SL</b> Silver  <b>T9091M 18IN WH</b> White  <b>T9091M 18IN BL</b> Black  <b>T9091M 18IN SL</b> Silver  <b>T9091M 24IN WH</b> White  <b>T9091M 24IN BL</b> Black  <b>T9091M 24IN SL</b> Silver  <b>T9091M 36IN WH</b> White  <b>T9091M 36IN BL</b> Black  <b>T9091M 36IN SL</b> Silver  <b>T9091M 48IN WH</b> White  <b>T9091M 48IN BL</b> Black  <b>T9091M 48IN SL</b> Silver</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• For mechanical support only (no feed). Suspends track from T-bar or rigid ceilings.</li> <li>• 12", 18", 24", 36", 48" stem lengths</li> <li>• Use two for 2', 4', or 6' of track or three for 8' and four for 12' of track</li> <li>• Includes Mini-Canopy, pendant stem, 1-5/16" T-bar clip, drywall anchor and track mounting hardware.</li> </ul>	<p><b>Dimensions</b></p> 
	<p><b>Catalog #</b>  <b>T96 WH</b> White  <b>T96 BL</b> Black  <b>T96 SL</b> Silver</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Joins pendant stems for use in higher ceiling applications</li> </ul>	
	<p><b>Catalog #</b>  <b>T94 WH</b> White  <b>T94 BL</b> Black  <b>T94 SL</b> Silver</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Allows T90 or T91 pendant to hang straight down from sloped ceilings</li> <li>• Can be used to feed electrical to track at up to a 60° angle</li> </ul>	
	<p><b>Catalog #</b>  <b>T93 WH</b> White  <b>T93 BL</b> Black  <b>T93 SL</b> Silver</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• For pendant stem kits T90 and T91</li> <li>• Conceals electrical feed wires from stem to track connector</li> <li>• One cover should be used for each track feed</li> </ul>	<p><b>Dimensions</b></p> 
	<p><b>Catalog #</b>  <b>T39 BL</b> Black</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• 4' black thermoplastic extrusion covers wire carried in track wireway</li> <li>• Use one for 4' track, two for 8' and three for 12' track</li> <li>• Can be field cut</li> </ul>	<p><b>Dimensions</b></p> 



# Trac-Master® | Track System Components

## Two-Circuit System

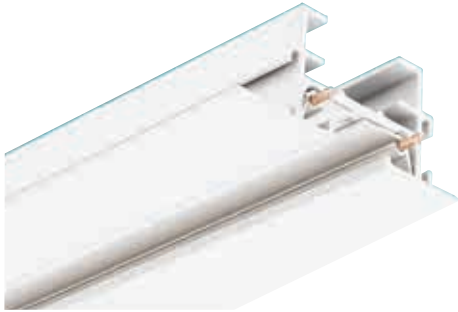
### Miscellaneous Mounting Accessories

 <p>Solid Rod Pendant Mounting Kit</p>	<p><b>Catalog #</b>  <b>T56 WH</b>  <b>T56 BL</b>  <b>T56 SL</b></p>	<p><b>Finish</b>            White            Black            Silver</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Attaches solid 5/16" threaded rod to one or two-circuit track</li> <li>• Includes: plastic cap, mounting bracket and hardware</li> <li>• Rod not supplied</li> </ul>	<p><b>Dimensions</b></p> 
 <p>T-Bar Attachment Clip</p>	<p><b>Catalog #</b>  <b>T37F</b>  <b>T37D</b>  <b>T37F916</b>  <b>T37D916</b></p>	<p><b>Finish</b>            White            Black            Silver</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• To attach track to inverted tee ceiling</li> <li>• Use two for 2' or 4' track and three for 6', 8' or 12' track</li> <li>• T37F is compatible with 15/16" grid with flush tiles</li> <li>• T37D is compatible with 15/16" grid with drop tiles</li> <li>• T37F916 is compatible with 9/16" grid with flush tiles</li> <li>• T37D916 is compatible with 9/16" grid with drop tiles</li> </ul>	<p><b>Dimensions</b></p> 
 <p>Slope Ceiling Fixture Adapter</p>	<p><b>Catalog #</b>  <b>T95 WH</b>  <b>T95 BL</b>  <b>T95 SL</b></p>	<p><b>Finish</b>            White            Black            Silver</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Attaches to track, permitting Juno Trac-Master and Trac-Lites fixtures using the standard square Super Adapter to be hung vertically from sloped ceiling</li> <li>• 90° maximum adjustment</li> </ul>	<p><b>Dimensions</b></p> 
 <p>Pendant Adapter</p>	<p><b>Catalog #</b>  <b>T31N WH</b>  <b>T31N BL</b>  <b>T31N SL</b></p>	<p><b>Finish</b>            White            Black            Silver</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Adapts cord, swag or chain-hung fixture to track</li> <li>• Includes strain relief for 3-wire cord (replaces chain loop)</li> <li>• Chain installation accepts wire diameters up to 0.270" and supports up to 15 lbs.; strain relief installation requires Type SVT 18/3 3-wire cord and supports up to 5 lbs.</li> <li>• UL Listed</li> <li>• 5A max</li> </ul>	<p><b>Dimensions</b></p> 
 <p>Planter or Utility Hook</p>	<p><b>Catalog #</b>  <b>T32 WH</b>  <b>T32 BL</b></p>	<p><b>Finish</b>            White            Black</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Supports up to 25 lbs.</li> <li>• Not UL Listed</li> </ul>	<p><b>Dimensions</b></p> 
 <p>Outlet Adapter</p>	<p><b>Catalog #</b>  <b>T33 WH</b>  <b>T33 BL</b>  <b>T33 SL</b></p>	<p><b>Finish</b>            White            Black            Silver</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Provides electrical receptacle</li> <li>• Not UL Listed</li> <li>• 7A max</li> </ul>	<p><b>Dimensions</b></p> 

Note: T31N is available with GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.

# Trac-Master® | Track System Components

## Recessed Trac System



### Description

Designed to be installed in dry ceiling applications, such as suspended tile or drywall, in straight run configurations only.

Recessed Trac provides a clean, built-in and finished look to lighting designs. Juno's Recessed Trac installs into plasterboard and suspended ceilings for polished, professional decor. One-circuit Trac-Master® Recessed Trac sections allow track fixtures to be mounted flush to the ceiling.

### Features:

- Extruded aluminum channel
- Extruded thermoplastic insulator
- Debossed polarity line
- 12-gauge solid copper conductors
- 20 amp capacity
- UL Listed, CSA Certified
- Can be cut to custom length by installer

### Recessed Trac Sections



Catalog #	Finish	Description	Dimensions
TREC 4FT WH	White	4' Recessed Trac (One circuit, actual length 43 7/8")	
TREC 8FT WH	White	8' Recessed Trac (One circuit, actual length 91 7/8")	

### Recessed Trac Connectors



End Feed Connector

Catalog #	Finish	Description	Dimensions
T121 WH	White	• With wiring box for electrifying track	



Mini Straight Connector


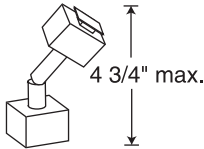

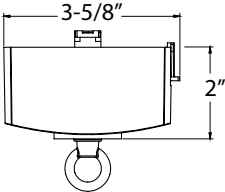

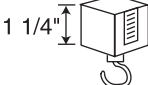


Catalog #	Finish	Description	Dimensions
T123 WH	White	• Mechanically and electrically joins two track sections end to end	

The product and system may be covered by the following United States patent: US5,259,774

# Trac-Master® | Track System Components

## Recessed Trac System

### Miscellaneous Track Accessories

 <p>Slope Ceiling Fixture Adapter</p>	<p><b>Catalog #</b> T95 WH T95 BL T95 SL</p>	<p><b>Finish</b> White Black Silver</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>Attaches to track, permitting Juno line voltage Trac-Master and Trac-Lites track fixtures using the standard square Super Adapter to be hung vertically from sloped ceiling</li> <li>90° maximum adjustment</li> </ul>	<p><b>Dimensions</b></p> 
 <p>Pendant Adapter</p>	<p><b>Catalog #</b> T31N WH T31N BL T31N SL</p>	<p><b>Finish</b> White Black Silver</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>Adapts swag or chain-hung fixture to track</li> <li>Includes strain relief for 3-wire cord (replaces chain loop)</li> <li>Chain installation accepts wire diameters up to 0.270" and supports up to 15 lbs.; strain relief installation requires Type SVT 18/3 3-wire cord and supports up to 5 pounds.</li> <li>UL Listed</li> <li>5A max</li> </ul>	<p><b>Dimensions</b></p> 
<p>Note: T31N is available with GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.</p>				
 <p>Planter or Utility Hook</p>	<p><b>Catalog #</b> T32 WH T32 BL</p>	<p><b>Finish</b> White Black</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>Supports up to 25 lbs.</li> <li>Not UL Listed</li> </ul>	<p><b>Dimensions</b></p> 
 <p>Outlet Adapter</p>	<p><b>Catalog #</b> T33 WH T33 BL T33 SL</p>	<p><b>Finish</b> White Black Silver</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>Provides electrical receptacle</li> <li>Not UL Listed</li> <li>7A max</li> </ul>	<p><b>Dimensions</b></p> 

# Trac-Master® | Track System Components

## Extension Wands & Fixture Slope Ceiling Adapter

### Extension Wands

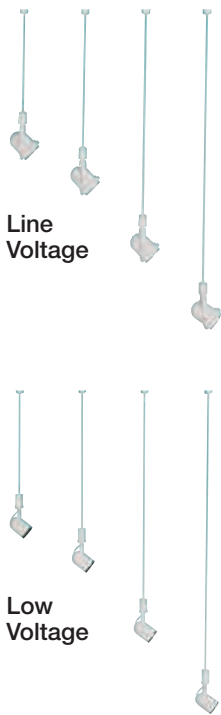
Extension wands suspend fixtures precisely where they are needed without lowering the track section. On/Off switch is standard.

### Line Voltage Extension Wands

Line voltage extension wands suspend all Juno line voltage track fixtures from all 120V Juno Trac. Two extension wand types are available: one designed for use with the standard square Super Adapter found on most Trac-Master and Trac-Lites fixtures and one designed for use with the wide adapter found on some track fixtures such as T255L, T265L and T267L. Always confirm the fixture adapter type before specifying an extension wand to ensure compatibility. May also be used with Monopoints designed to accept Juno 120V track fixtures. For sloped ceiling applications, use TEWS versions.

### Low Voltage Extension Wands

Low voltage extension wands suspend low voltage mini spotlights from Juno T537 Transformers.



Line Voltage Extension Wands		Low Voltage Extension Wands	Finish	Overall Length
Super Adapter Catalog #	Wide Adapter Catalog #	Catalog #		
TEW 12IN WH TEW 12IN BL	TEW 12IN WH WA TEW 12IN BL WA	TWL12 12IN WH TWL12 12IN BL TWL12 12IN SL	White Black Silver	13 1/2"
TEW 18IN WH TEW 18IN BL TEW 18IN SL	TEW 18IN WH WA TEW 18IN BL WA	TWL12 18IN WH TWL12 18IN BL TWL12 18IN SL	White Black Silver	19 1/2"
TEW 24IN WH TEW 24IN BL TEW 24IN SL	TEW 24IN WH WA TEW 24IN BL WA	TWL12 24IN WH TWL12 24IN BL TWL12 24IN SL	White Black Silver	25 1/2"
TEW 36IN WH TEW 36IN BL TEW 36IN SL	TEW 36IN WH WA TEW 36IN BL WA	TWL12 36IN WH TWL12 36IN BL TWL12 36IN SL	White Black Silver	37 1/2"
TEW 48IN WH TEW 48IN BL	TEW 48IN WH WA TEW 48IN BL WA	TWL12 48IN WH TWL12 48IN BL TWL12 48IN SL	White Black Silver	49 1/2"
TEWS 24IN WH* TEWS 24IN BL*	TEWS 24IN WH WA* TEWS 24IN BL WA*	- -	White Black	28 1/2"

\* Wand with slope adapter on top.

### Fixture Slope Ceiling Adapter

Attaches to track, permitting Juno Trac-Master and Trac-Lites track fixtures to be hung vertically from sloped ceiling. Designed for use with the standard square Super Adapter found on most Trac-Master and Trac-Lites fixtures. Always confirm the adapter type before specifying a slope ceiling adapter to ensure compatibility. 90° maximum adjustment.



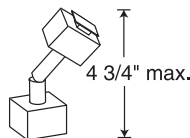
#### Super Adapter Catalog #

T95 WH  
T95 BL  
T95 SL

#### Finish

White  
Black  
Silver

#### Dimensions




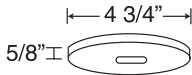
# Trac-Master® | Track System Components

## Monopoints


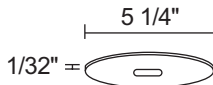
### Monopoints

Monopoints increase the versatility of Juno Trac fixtures by allowing them to be mounted where track sections may not offer the best aesthetic or functional solution.


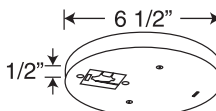
### Outlet Box Monopoints

	Catalog #	Finish	Description	Dimensions
	<b>T40N WH</b>	White	<ul style="list-style-type: none"> <li>Mounts directly to outlet box</li> <li>Accepts Juno Trac-Master &amp; Trac-Lites 120V track fixtures</li> </ul>	
	<b>T40N BL</b>	Black		
	<b>T40N SL</b>	Silver		


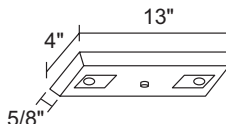
Line Voltage Monopoint

	Catalog #	Finish	Description	Dimensions
	<b>T40F WH</b>	White	<ul style="list-style-type: none"> <li>Mounts directly to 4" outlet box only</li> <li>Accepts Juno Trac-Master &amp; Trac-Lites 120V track fixtures using the standard square Super Adapter</li> </ul>	
	<b>T40F BL</b>	Black		

Line Voltage Monopoint-Flush Mount


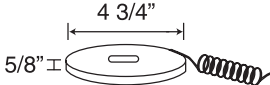
	Catalog #	Finish	Description	Dimensions
	<b>T58 WH</b>	White	<ul style="list-style-type: none"> <li>Mounts directly to outlet box</li> <li>Designed to be used with T537 Transformers, Trac-Lites low voltage or with T252L fixtures</li> </ul>	
	<b>T58 BL</b>	Black		

Low Voltage Monopoint

	Catalog #	Finish	Description	Dimensions
	<b>T41N WH</b>	White	<ul style="list-style-type: none"> <li>Mounts directly to outlet box</li> <li>Accepts two Juno Trac-Master or Trac-Lites 120V track fixtures</li> </ul>	
	<b>T41N BL</b>	Black		

Line Voltage Duopoint

### Special Monopoints

	Catalog #	Finish	Description	Dimensions
	<b>T42N WH</b>	White	<ul style="list-style-type: none"> <li>Heavy base enables track fixture to be placed on a horizontal surface (i.e. floor, shelf) and aimed upwards</li> <li>Accepts Juno Trac-Master &amp; Trac-Lites 120V track fixtures</li> <li>Supplied with 8' cord and plug for portable use</li> </ul>	
	<b>T42N BL</b>	Black		

Weighted Base





Crate and Barrel (Mark Steele Photography)

# Trac-Master® | Track System Components

## Coil Cord Clamp-Ons & Outrigger Mounting Bracket

### Coil Cord Clamp-Ons with Monopoint

Coil cord clamp-ons provide an innovative way to mount fixtures to pipe and flat surfaces up to 1 1/2" thick. Designed with futuristic styling in mind for dynamic displays and special mounting situations.



Track Line Voltage Coil Cord Clamp-On

**Super Adapter  
Catalog #**  
T132 WH  
T132 BL

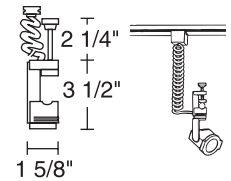
**Wide Adapter  
Catalog #**  
T132 WH WA  
T132 BL WA

**Finish**  
White  
Black

**Description**

- Attaches to Juno 120V Trac-Master & Trac-Lites 120V and Monopoints
- Accepts Juno Trac-Master & Trac-Lites 120V track (confirm fixture adapter type before specifying to ensure compatibility)
- Includes On/Off switch
- 2' coil cord extends to 5'

**Dimensions**



Plug-In Line Voltage Coil Cord Clamp-On

**Super Adapter  
Catalog #**  
T133 WH  
T133 BL

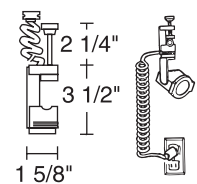
**Wide Adapter  
Catalog #**  
T133 WH WA  
T133 BL WA

**Finish**  
White  
Black

**Description**

- With coil cord and male plug (for standard 120V receptacle)
- Accepts Juno Trac-Master & Trac-Lites 120V track fixtures (confirm fixture adapter type before specifying to ensure compatibility)
- Includes On/Off switch
- 2' coil cord extends to 5'

**Dimensions**



### Outrigger Track Mounting Bracket (non-electrified)



Outrigger Track Mounting Bracket

**Catalog #**  
T47 WH  
T47 BL

**Finish**  
White  
Black

**Description**

- For mounting track out from wall
- Use two for 2', 4' or 6' track sections, three for 8' sections, four for 12' sections
- Order track and track connectors separately
- For portable electric feed, use T22 or T122 Cord Set
- For permanent wiring, use T38 Live End Feed

**Dimensions**

24"L x 8"H

The product and system may be covered by the following United States patent: D332,562

# Trac-Master® | Track System Components

## Low Voltage Transformers

### LED-Compatible Low Voltage Transformers



Designer Transformer

**Catalog #**

- T537 G2 LED WH**
- T537 G2 LED BL**
- T537 G2 LED SL**

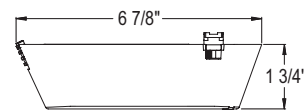
**Finish**

- White
- Black
- Silver

**Description**

- Low profile designer 12V, 60VA electronic transformer with On/Off switch
- Attaches to all Trac-Master or Trac-Lites track
- Compatible with 12V AC LED or halogen fixtures consuming up to 60W

**Dimensions**



Note: T537 is available with GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.

### LED-Compatible Quick Jack Low Voltage Transformers



Quick Jack Transformer

**Catalog #**

- T537QJ G2 LED WH**
- T537QJ G2 LED BL**
- T537QJ G2 LED SL**

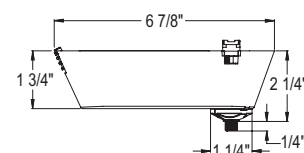
**Finish**

- White
- Black
- Silver

**Description**

- Low profile designer 12V, 60VA Quick Jack electronic transformer with On/Off switch
- Attaches to all Trac-Master or Trac-Lites track
- Compatible with 12V AC LED or halogen fixtures with Quick Jack adapter, consuming up to 60W

**Dimensions**



Note: T537QJ is available with GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.

# Trac-Master® | Track System Current Limiting Solutions

## T24 & T24M – The SilverBullet



### Overview

The SilverBullet is a “sub-branch circuit current limiter” for track lighting that enforces a definite current limit to lower the VA rating of each track lighting circuit and meet code requirements. Use of a current limiting subpanel is often a more cost-effective method of employing current limiting, especially for applications with more than 10 circuits to limit.

### Features

- Current limiting for up to 21 circuits
- Current limiting breakers available from 1A-15A
- AIC rating of 10,000A @ 120V-277V
- Factory pre-assembled with each load factory labeled on the door sheet

### Enclosure Dimensions

- 1-12 breakers  
12”W x 12”H x 4”D
- 6-21 breakers  
12”W x 18”H x 4”D

### Enclosure Type

Surface mount, hinged locking door, NEMA 1

### Optional Enclosures

Flush Mount

### Maximum Humidity

10-90% non-condensing

### Ambient Temperature

32–104° F (0–40° C)

(Note: Thermal magnetic breakers. De-rate to 80% of load for temperatures over 70° F)

### Listings

C-UL-US Listed

### Warranty

Three-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

### Ordering Information

### Ordering Examples: T24 1077UL 10BP 1A3 3A7 SM

System	Breaker UL Listing	Breaker Positions	Breaker Limit + Configuration <sup>1</sup>	Enclosure Mountings
<b>T24</b> Standard (21 breakers max.)	<b>1077UL</b> Standard	<b>(qty) BP</b> # of positions	<b>1A(qty)</b> 1 amp breaker	<b>SM</b> Surface Mount <b>FM</b> Flush Mount
<b>T24M</b> Mini (12 breakers max.)			<b>2A(qty)</b> 2 amp breaker	
			<b>3A(qty)</b> 3 amp breaker	
			<b>4A(qty)</b> 4 amp breaker	
			<b>5A(qty)</b> 5 amp breaker	
			<b>6A(qty)</b> 6 amp breaker	
			<b>7A(qty)</b> 7 amp breaker	
			<b>8A(qty)</b> 8 amp breaker	
			<b>10A(qty)</b> 10 amp breaker	
			<b>13A(qty)</b> 13 amp breaker	
			<b>15A(qty)</b> 5 amp breaker	

<sup>1</sup> Total number of (qty) breakers must equal the number of breaker positions.

# Trac-Master® | Track System Current Limiting Solutions

## T24 & T24M – The SilverBullet

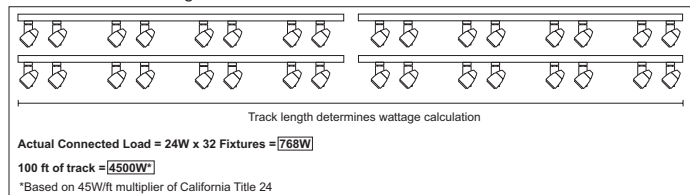
### Energy Code Calculations

Illustrated below is an example of what current limiting means for track lighting relative to today's energy codes. The standard layout without a current limiting solution consists of 100' of single circuit track (4 circuits x 25' each) with 32 LED track fixtures, each consuming 24W maximum, for a total connected load of 768W. Per the Title 24 energy code, the wattage calculation would be a much greater 4500W.

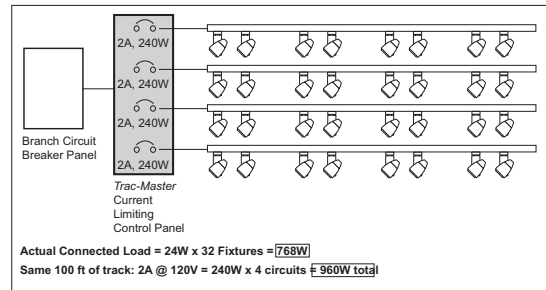
The scenario with the Trac-Master Current Limiting Subpanel uses the original 100' of single circuit track, broken down into four 25' runs, with each monitored by a 2-Amp current limiting supplementary protector that is closely matched to the actual connected load plus a small buffer. This results in the minimum calculated watts per the energy codes, making the wattage calculation independent of track length. In a real application, there would be many more track lighting circuits, resulting in an even greater calculated wattage reduction.

### Calculations Example

#### Without Current Limiting



#### With Current Limiting







Crate and Barrel (Mark Steele Photography)

# Trac-Master® | Track System Current Limiting Solutions

## Current Limiting Track Feeds



### Description

Juno Current Limiting Feeds are the perfect solution for new construction or for bringing existing Juno line voltage track lighting applications into conformance with today's stringent energy codes. They enable you to take full advantage of energy efficient, high-performance LED and other fixtures without being penalized by watts-per-linear-foot code calculations, reducing calculated watts by as much as 75% or more.

Current Limiting Feeds are designed to take the place of standard non-limiting feeds and are installed at every track feed location. The feeds are compact and mount close to the ceiling for an unobtrusive appearance. Available in both end feed and in-line feed configurations, the Current Limiting Feeds can be specified for either Trac-Master 1-circuit or Trac-Master 2-circuit systems. In-line feeds and 2-circuit end feeds are designed to accept up to two current limiting circuit breakers simultaneously. Feeds are supplied with tamper-resistant cover screws and screwdriver bits making installation convenient and future tampering impractical.

Current limiting circuit breakers (ordered separately) are available in increments from 0.5A to 14A enabling selection that closely matches the planned wattage use. Color-coded ON/OFF indication clearly identifies their status and they are easily resettable in the event of an overload situation.

### Key Features

Designed to be installed at every track feed location, in place of a standard non-limiting feed • In-line feeds can be used to feed track as one electrical circuit in both directions or as two separate circuits using two current limiters • Feed connector and current limiting circuit breaker are specified and ordered separately for maximum configuration flexibility • Not intended to be used as a primary circuit protector

**Construction** Heavy-duty 14-gauge (0.075 thick) die formed galvanized steel mounting plate • Surface or j-box mounting • T-bar compatible when fed directly • Mounting holes provided for j-box attachment • Center knockout enables feeding from j-box for simple wiring termination • Two 7/8" knockouts for direct electrical feed connections • Includes ground terminal attachment screw • Injection molded polycarbonate cover with tear-out for 2-breaker installations • Cover attaches to mounting plate using tamper-resistant screws (screwdriver bit supplied with electrical feed connector)

**Finish** Available in white, black or silver finishes • Supplementary current limiting circuit breakers are ordered separately and can be specified in corresponding finishes to match feed connector


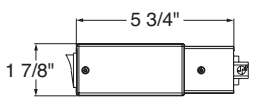

**Supplementary Circuit Breakers** Miniature single pole supplementary current limiters limit the current (wattage) that can be consumed on the track section being fed • Utilizes hydraulic magnetic technology which provides accurate and reliable circuit protection even when exposed to extremely hot and/or cold application environments • Rated for 120VAC, 60Hz operation • Available in individual amperage ratings of 0.5A, 1A, 2A, 3A, 4A, 5A, 6A, 7A, 8A, 9A, 10A, 12A and 14A, selected based on actual lighting loads • Can be operated continuously at rated current • Specially designed to prevent nuisance tripping • Easily snaps into mounting plate without the use of tools • Leads wires provided for simplified installations • ON/OFF indication clearly identifies breaker status • Easily resettable in the event of an overcurrent situation


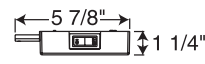
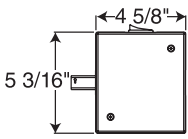
**Labels** UL 1077 Listed, CSA 22.2 approved • Approved by the California Energy Commission to meet the requirements of Title 24 • Complies with ASHRAE 90.1 and IECC Section 805.5.1.4 for track current limiting


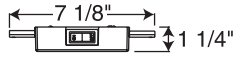
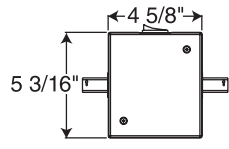
# Trac-Master® | Track System Current Limiting Solutions

## Current Limiting Track Feeds


### Current Limiting Feeds

	Catalog #	Finish	Track Type	Description	Dimensions
 <p>Mini End Feeds</p>	<b>TCLFM11 WH</b>	White	1-Circuit	End Feed	
	<b>TCLFM11 BL</b>	Black			
	<b>TCLFM11 SL</b>	Silver			
	<b>TCLFM11 RP WH</b>	White	1-Circuit	Same as above except designed for use in opposite polarity orientation compared to standard feeds – see specification sheets for more details	
	<b>TCLFM11 RP BL</b>	Black			
	<b>TCLFM11 RP SL</b>	Silver			

	Catalog #	Finish	Track Type	Description	Dimensions
 <p>End Feeds</p>	<b>TCLF11 WH</b>	White	1-Circuit	End Feed	
	<b>TCLF11 BL</b>	Black			
	<b>TCLF11 SL</b>	Silver			
	<b>TUCLF11 WH</b>	White	2-Circuit	End Feed	
	<b>TUCLF11 BL</b>	Black			
	<b>TUCLF11 SL</b>	Silver			

	Catalog #	Finish	Track Type	Description	Dimensions
 <p>In-Line Feeds</p>	<b>TCLF21 WH</b>	White	1-Circuit	In-Line Feed	
	<b>TCLF21 BL</b>	Black			
	<b>TCLF21 SL</b>	Silver			
	<b>TUCLF21 WH</b>	White	2-Circuit	In-Line Feed	
	<b>TUCLF21 BL</b>	Black			
	<b>TUCLF21 SL</b>	Silver			

### Current Limiting Circuit Breakers - Order Separately Example: **TCLF11 BL** and **TCLCB 5A BLCK**

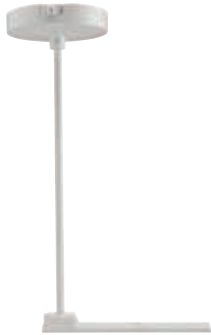
	Catalog #	Description	Wattage	Finish
	<b>TCLCB 0.5A</b>	0.5A Current Limiting Circuit Breaker	60W	WHT, BLCK
	<b>TCLCB 1A</b>	1A Current Limiting Circuit Breaker	120W	WHT, BLCK
	<b>TCLCB 2A</b>	2A Current Limiting Circuit Breaker	240W	WHT, BLCK
	<b>TCLCB 3A</b>	3A Current Limiting Circuit Breaker	360W	WHT, BLCK
	<b>TCLCB 4A</b>	4A Current Limiting Circuit Breaker	480W	WHT, BLCK
	<b>TCLCB 5A</b>	5A Current Limiting Circuit Breaker	600W	WHT, BLCK
	<b>TCLCB 6A</b>	6A Current Limiting Circuit Breaker	720W	WHT, BLCK
	<b>TCLCB 7A</b>	7A Current Limiting Circuit Breaker	840W	WHT, BLCK
	<b>TCLCB 8A</b>	8A Current Limiting Circuit Breaker	960W	WHT, BLCK
	<b>TCLCB 9A</b>	9A Current Limiting Circuit Breaker	1080W	WHT, BLCK
	<b>TCLCB 10A</b>	10A Current Limiting Circuit Breaker	1200W	WHT, BLCK
	<b>TCLCB 12A</b>	12A Current Limiting Circuit Breaker	1440W	WHT, BLCK
	<b>TCLCB 14A</b>	14A Current Limiting Circuit Breaker	1680W	WHT, BLCK

# Trac-Master® | Track System Current Limiting Solutions

## Current Limiting Track Feeds

### Current Limiting Pendant Stem Kits

Current Limiting Pendant Stem Kits combine the functionality of pendant mounting with the ability to feed the track with current limiting in an attractive, integrated solution.



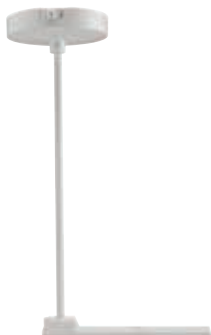
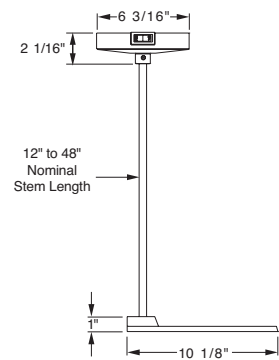
T-Bar Ceiling Mount

Catalog #	Finish
T90CLF 12IN BL	Black
T90CLF 12IN SL	Silver
T90CLF 12IN WH	White
T90CLF 18IN BL	Black
T90CLF 18IN SL	Silver
T90CLF 18IN WH	White
T90CLF 24IN BL	Black
T90CLF 24IN SL	Silver
T90CLF 24IN WH	White
T90CLF 36IN BL	Black
T90CLF 36IN SL	Silver
T90CLF 36IN WH	White
T90CLF 48IN BL	Black
T90CLF 48IN SL	Silver
T90CLF 48IN WH	White

#### Description

- Compatible with 15/16" flush T-bar ceilings
- 12", 18", 24", 36", 48" stem lengths
- Includes mounting plate, canopy, stem and wireway cover (order T38 or TU38 track feed connector and current limiting circuit breaker separately)

#### Dimensions



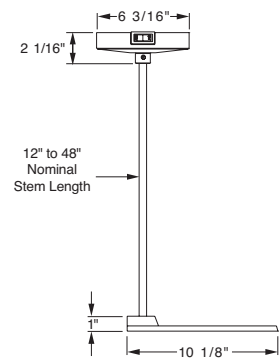
Rigid Ceiling Mount

Catalog #	Finish
T91CLF 12IN BL	Black
T91CLF 12IN SL	Silver
T91CLF 12IN WH	White
T91CLF 18IN BL	Black
T91CLF 18IN SL	Silver
T91CLF 12IN WH	White
T91CLF 24IN BL	Black
T91CLF 24IN SL	Silver
T91CLF 24IN WH	White
T91CLF 36IN BL	Black
T91CLF 36IN SL	Silver
T91CLF 36IN WH	White
T91CLF 48IN BL	Black
T91CLF 48IN SL	Silver
T91CLF 48IN WH	White

#### Description

- Compatible with rigid ceilings
- 12", 18", 24", 36", 48" stem lengths
- Includes mounting plate, canopy, stem and wireway cover (order T38 or TU38 track feed connector and current limiting circuit breaker separately)







#### Dimensions



# Trac-Master® | Accessories

## Light Control Accessories

The Juno complete range of light control accessories permit the designer to custom tailor effects. See individual fixture page and specification sheets for additional details.

Accessory Holders		2" DIAMETER	COMPATIBLE WITH	2-3/4" DIAMETER	COMPATIBLE WITH
	Required for fixtures shown to use accessories.				
<b>Beam Control Lenses</b>					
	These alter the light distribution, enlarging or elongating it, softening the beam edge or removing striations.	Prismatic Spread Lens Linear Spread Lens Uniformity Lens (Solite™) Diffusion Lens	<b>PRISM 200</b> <b>LSPREAD 200</b> <b>SOLITE 200</b> <b>DIFF 200</b>	T252L, T261L, T381L, T382L, T383L, T841*	<b>PRISM 275</b> <b>LSPREAD 275</b> <b>SOLITE 275</b> <b>DIFF 275</b>
<b>UV Filters</b>					
	These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect sensitive art and objects from light degradation.		<b>UVF 200</b>		<b>UVF 275</b>
<b>Dichroic Color Correction Filters</b>					
	Color Correction Filters correct the light, to warm it up to approximate incandescent.	Halogen-to-Incandescent, 2700K	<b>DCCF 200 HAL2700</b>		
<b>Color Filters</b>		<b>Dichroic Glass Filters</b>			
	Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.	Red Medium Green Medium Blue Yellow Magenta Blue-Green (Cyan)	<b>DGF 200 DRED</b> <b>DGF 200 MGRN</b> <b>DGF 200 MBLU</b> <b>DGF 200 DYEL</b> <b>DGF 200 MAGEN</b> <b>DGF 200 CYAN</b>		<b>DGF 275 DRED</b> <b>DGF 275 MGRN</b> <b>DGF 275 MBLU</b> <b>DGF 275 DYEL</b> <b>DGF 275 MAGEN</b> <b>DGF 275 CYAN</b>
		<b>Colored Glass Filters</b>			
		Medium Pink Warm Red Daylight Blue Medium Blue Medium Amber Medium Green	<b>CGF 200 MPINK</b> <b>CGF 200 WRED</b> <b>CGF 200 DLTBLUE</b> <b>CGF 200 MBLU</b> <b>CGF 200 MAMB</b> <b>CGF 200 MGRN</b>		<b>CGF 275 MPINK</b> <b>CGF 275 WRED</b> <b>CGF 275 DLTBLUE</b> <b>CGF 275 MBLU</b> <b>CGF 275 MAMB</b> <b>CGF 275 MGRN</b>
<b>Louvers and Cross Baffles</b>					
	Louvers and Cross Baffles provide greater visual source cut-off and reduce perceived fixture brightness.	Hexcell Louvers Cube Cell Louvers Cross Baffles	<b>HCLBL 200</b>		<b>HCLBL 300</b>

Solite™ is a trademark of AGC Solar.

\* Simultaneously accepts any combination of up to two filters, lenses or louvers.



# Trac-Master® | Accessories

## Light Control Accessories

3-3/4" DIAMETER	COMPATIBLE WITH	4-11/16" DIAMETER	COMPATIBLE WITH	5-1/2" DIAMETER	COMPATIBLE WITH
<b>T560BL</b>	T313	<b>T770 BL*, T770 SL*, T770 WH*</b>	T283L, T285L, T286L		
		<b>TAH BLCK 469*</b>	T1030, T1031S	<b>TAH BLCK 550</b>	T1038
<b>PRISM 375</b>	T254L*, T262L*, T263L*, T388L* and fixtures with T560BL Accessory Holder or Barn Doors noted below	<b>PRISM 469</b>	T255L*, T265L*, T267L*, T368 and fixtures with T770 or TAH BLCK 469 Accessory Holder or Barn Doors noted below		
<b>LSPREAD 375</b>		<b>LSPREAD 469</b>			
<b>SOLITE 375</b>		<b>SOLITE 469</b>			
<b>DIFF 375</b>		<b>DIFF 469</b>			
<b>UVF 375</b>		<b>UVF 469</b>			
<b>DCCF 375 HAL2700</b>		<b>DCCF 469 HAL2700</b>			
<b>DGF 375 DRED</b>		<b>DGF 469 DRED</b>			
<b>DGF 375 MGRN</b>		<b>DGF 469 MGRN</b>			
<b>DGF 375 MBLU</b>		<b>DGF 469 MBLU</b>			
<b>DGF 375 DYEL</b>		<b>DGF 469 DYEL</b>			
<b>DGF 375 MAGEN</b>	<b>DGF 469 MAGEN</b>				
<b>DGF 375 CYAN</b>	<b>DGF 469 CYAN</b>				
<b>CGF 375 MPINK</b>		<b>CGF 469 MPINK</b>		<b>CGF 550 MPINK</b>	Fixtures with TAH BLCK 550 Accessory Holder
<b>CGF 375 WRED</b>		<b>CGF 469 WRED</b>		<b>CGF 550 WRED</b>	
<b>CGF 375 DLTBLUE</b>		<b>CGF 469 DLTBLUE</b>		<b>CGF 550 DLTBLUE</b>	
<b>CGF 375 MBLU</b>		<b>CGF 469 MBLU</b>		<b>CGF 550 MBLU</b>	
<b>CGF 375 MAMB</b>		<b>CGF 469 MAMB</b>		<b>CGF 550 MAMB</b>	
<b>CGF 375 MGRN</b>		<b>CGF 469 MGRN</b>		<b>CGF 550 MGRN</b>	
<b>HCLBL 375</b>		<b>HCLBL 469</b>			
<b>CCLBL 375</b>		<b>CCLBL 469</b>		<b>CCLBL 550</b>	
		<b>XBAFLBL 469</b>			

\* Simultaneously accepts any combination of up to two filters, lenses or louver/cross baffle/snoot.

Continued on pages 86-87

# Trac-Master® | Accessories

## Light Control Accessories

The Juno complete range of light control accessories permit the designer to custom tailor effects. See individual fixture page and specification sheets for additional details.

### Eyebrows and Snoots



Eyebrows and Snoots extend lamp shielding and can reduce spill light at the edge of a beam pattern.

Eyebrows

Snoots

### Barn Doors



Barn Doors create a theatrical look and allow control of the spill light at the edge of a beam pattern.

Barn Doors

		2" DIAMETER	COMPATIBLE WITH	2-3/4" DIAMETER	COMPATIBLE WITH
		<b>SNOOTBL 200</b>	T252L, T261L, T381L, T382L, T383L, T841*	<b>SNOOTBL 275</b>	T385L*, T387L*

\* Simultaneously accepts any combination of up to two filters, lenses or louvers.

# Trac-Master® | Accessories

## Light Control Accessories

3-3/4" DIAMETER	COMPATIBLE WITH	4-11/16" DIAMETER	COMPATIBLE WITH	5-1/2" DIAMETER	COMPATIBLE WITH
<b>EYEBROWBL 375</b>	T254L*, T262L*, T263L*, T388L* and fixtures with T560BL Accessory Holder or Barn Doors noted below	<b>EYEBROWBL 469</b>	T255L*, T265L*, T267L*, T368 and fixtures with T770 or TAH BLCK 469 Accessory Holder or Barn Doors noted below		
<b>SNOOTBL 375</b>		<b>SNOOTBL 469</b>	T255L*, T265L*, T267L*, T368 and fixtures with TAH BLCK 469 Accessory Holder		
<b>TBDR BLCK 375</b>	T254L, T262L, T263L, T388L	<b>T5788BL 469**</b>	T283L, T285L, T286L		
<b>T71BL 375**</b>	T313	<b>TBDR BLCK 469</b>	T255L, T265L, T267L		
		<b>TBDR BLCK 440**</b>	T271L, T272L		
		<b>T5774BL 469**</b>	T283L, T285L, T286L		
		<b>T72BL 469**</b>	T315		

\* Simultaneously accepts any combination of up to two filters, lenses or louver/cross baffle/snoot.  
 \*\* Also accepts other accessories – see product page and specification sheet for details.

# Trac-Master® | Adapters

## Track Fixtures with Alternate Adapters

### Juno® Track Fixtures with Alternate Adapters

Offering broader compatibility to upgrade practically any existing track installation

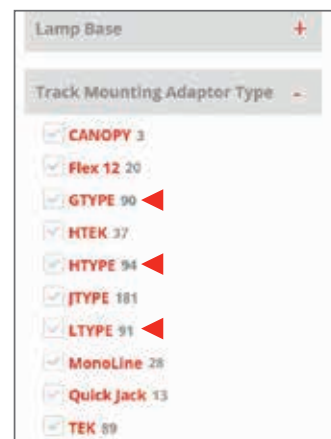
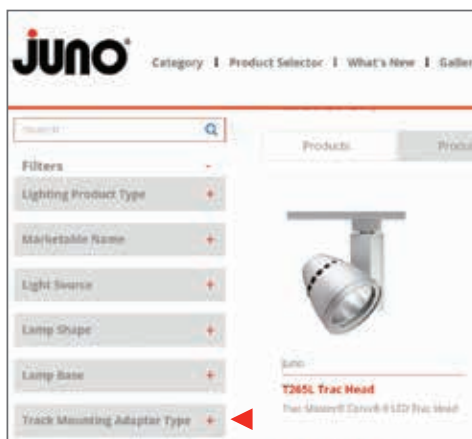
Has your ability to specify a Juno track fixture been limited due to incompatibility with an already installed non-Juno track system? Problem solved! Practically any track system can be upgraded utilizing high-quality Juno track fixtures.

G-type, H-type and L-type adapters are now available as standard options on a broad selection of Juno track fixture series. This selection includes virtually all LED-based track fixtures and many of our most popular low-voltage and line-voltage lampholders. These adapter options enable Juno track fixtures to be easily specified and installed on some of the most commonly used non-Juno track systems, unleashing seemingly limitless renovation opportunities. Additionally, the standard Juno Universal Track Adapter is now UL Recognized for use on compatible competitive track systems, including the ConTech® LT Series.

**Alternate adapters are available on the following Juno track fixture series – see specification sheets for additional details and restrictions.**

R600L	T256L	T271L	T388L
R605L	T257L	T272L	T537
R606L	T258L	T283L	T537QJ
R610L	T259L	T285L	T690
R612L	T260L	T286L	T691
R620L	T261L	T381L	T1020
T31N	T262L	T382L	T1030
T252L	T263L	T383L	T1031S
T254L	T265L	T385L	T1038
T255L	T267L	T387L	T1040 H

For the quickest and easiest way to search track fixture adapter compatibility, visit our new & improved website at [juno.acuitybrands.com/trac/trac-fixtures](http://juno.acuitybrands.com/trac/trac-fixtures) and search listings using the 'Track Mounting Adapter Type' filter.



ConTech® is a registered trademark of ConTech Lighting.





Kowalski's Market, Excelsior, MN (Mark Steele Photography)



# Juno® Trac-Lites™

Dynamic lighting effects at affordable prices, Juno Trac-Lites family of products features track systems and kits in the most popular styles. Quality features and pleasing forms combine to define affordable style for today's interiors. Trac-Lites fixtures are compatible with all Juno Trac-Master track systems and Trac-Master fixtures are compatible with Trac-Lites track systems.

## Trac-Lites™ | LED Series

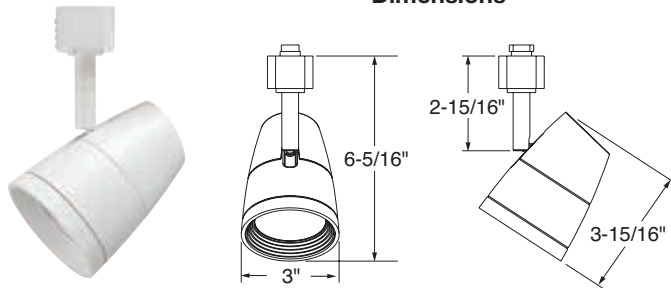
### 10W Truncated Cone LED

#### Truncated Cone R600L

The R600L Series 10W LED is an economical and affordable track fixture, with a simple and timeless conical aesthetic. It approximates the light output and distribution of 50W MR16 halogen lamps (up to 997 lumens), utilizing about 20% of the energy and having a rated life of 50,000 hours. The R600L Series LED is available in spot, narrow flood and flood beam distributions. Spot versions are achieved using a custom TIR-based optical system. Narrow flood and flood beam distributions are achieved using interchangeable precision-molded custom lenses; there is even a Universal Beam version which includes both narrow flood and flood lenses for maximum versatility.



#### Dimensions



#### Ordering Information

#### Ordering Example: R600L G2 27K 97CRI PDIM NFL BL

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>R600L</b> 10W Truncated Cone LED	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>PDIM</b> Phase Dimmable	<b>SP</b> Spot	<b>BL</b> Black
	<b>GTYPE<sup>1</sup></b> G-Type Trac Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI		<b>NFL</b> Narrow Flood	<b>BZ</b> Bronze
	<b>HTYPE<sup>1</sup></b> H-Type Trac Adapter		<b>35K</b> 3500K	<b>97CRI<sup>3</sup></b> 97 CRI		<b>FL</b> Flood	<b>SL</b> Silver
	<b>LTYPE<sup>2</sup></b> L-Type Trac Adapter		<b>40K</b> 4000K			<b>UNF</b> Universal- Narrow Flood & Flood	<b>WH</b> White

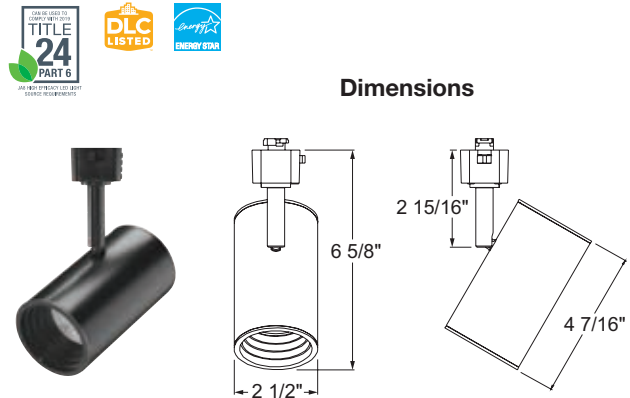
<sup>1</sup> GTYPE and HTYPE adapters available in BL, SL, and WH finish only. <sup>2</sup> LTYPE adapter available in BL and WH finish only. Special order - may have extended lead-times; not available in 35K.

## Trac-Lites™ | LED Series

### 10W & 13W Integral Driver Cylinder LED

#### Integral Driver Cylinder R605L & R606L

The integral driver cylinder LED family are affordable, high-performance track fixtures, with a simple and timeless cylinder aesthetic. The 10W R605L Series can deliver up to 1052 lumens, and the R606L Series can deliver up to 1386 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. Optional high CRI versions are available with a minimum 90 CRI. The integral driver cylinder LED family is available in spot, narrow flood, flood and wide flood beam distributions which can be achieved with interchangeable precision-molded custom TIR optics. They are available with an optional, bayonet-mount accessory holder that accommodates one accessory if desired.



Ordering Information				Ordering Example: R605L 27K 80CRI PDIM FL BL			
Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish	Factory-Installed Accessory Holder Option
<b>R605L</b> 10W LED Integral Driver Cylinder	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>PDIM</b> Phase Dimmable	<b>SP</b> Spot	<b>BL</b> Black	<b>AHR605 BLCK</b> Accessory Holder for R605L/R606L - Black
	<b>GTYPE<sup>1</sup></b> G-Type Trac Adapter	<b>30K</b> 3000K	<b>90CRI</b> 90 CRI		<b>NFL</b> Narrow Flood	<b>BZ<sup>3</sup></b> Bronze	
		<b>35K</b> 3500K			<b>FL</b> Flood	<b>SL</b> Silver	
<b>R606L</b> 13W LED Integral Driver Cylinder	<b>LTYPE<sup>2</sup></b> L-Type Trac Adapter	<b>40K</b> 4000K		<b>WFL</b> Wide Flood	<b>WH</b> White	<b>AHR605 WHT</b> Accessory Holder R605L/R606L - White	

<sup>1</sup> GTYPE and HTYPE adapters available in BL, SL, and WH finish only. <sup>2</sup> LTYPE adapter available in BL and WH finish only.

<sup>3</sup> BZ finish available on R605L only.

Accessories	
For Fixtures	<b>R605L, R606L</b>
Accessory Holder - Black	<b>AHR605 BLCK 200</b>
Accessory Holder - White	<b>AHR605 WHT 200</b>
Color Filters	<b>CGF 200*</b>
Dichroic Filters	<b>DGF 200*</b>
Dichroic Color Correction Filters	<b>DCCF 200*</b>
Diffusion Lens	<b>DIFF 200*</b>
Uniformity Lens	<b>SOLITE 200*</b>
UV Filter	<b>UVF 200*</b>
Prismatic Spread Lens	<b>PRISM 200*</b>
Linear Spread Lens	<b>LSPREAD 200*</b>
Hexcell Louver	<b>HCLBL 200*</b>
Snoot	<b>SNOOTBL 200*</b>

## Trac-Lites™ | LED Series

### 21W & 37W Integral Driver Cylinder LED

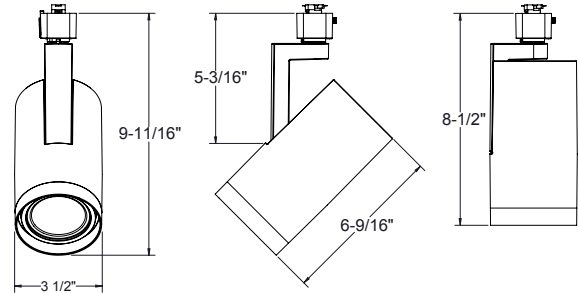
#### Integral Driver Cylinder R610L & R612L

Clean and elegant, with a simple cylindrical form, the R610L and R612L Integral Driver LED Cylinder track fixtures expand the versatility and applications for this industry-leading offering. Offering exceptional value, the performance of these fixtures is second to none, offering 2 new lumen packages at 2200 lumens and 3200 lumens while consuming only 21W and 37W, respectively. These fixtures feature a cleverly designed nested yoke arm that enables simple straight-down aiming if desired.

Each fixture can be specified with a variety of CCTs, CRIs and beam distributions. Accessory reflectors are available to alter beam distributions in the field. A factory-assembled or field-installed bayonet-mount accessory holder is available, enabling an assortment of light control accessories to be added in the field for maximum visual comfort and to create practically any desired beam effect.



#### Dimensions



#### Ordering Information

#### Ordering Example: R610L HTYPE 30K 90CRI PDIM SP WH AHR610 WHT

Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish	Factory-Installed Accessory Holder Option
<b>R610L</b> 21W LED Integral Driver Cylinder	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K	<b>80CRI</b> 80 CRI <b>90CRI</b> 90 CRI	<b>OFF<sup>2</sup></b> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> Spot <b>NFL</b> Narrow Flood <b>FL</b> Flood <b>WFL</b> Wide Flood	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White	<b>AHR610 BLCK</b> Accessory Holder for R610L/R612L - Black <b>AHR610 WHT</b> Accessory Holder R610L/R612L - White
<b>R612L</b> 37W LED Integral Driver Cylinder	<b>HTEK<sup>1,2</sup></b> HTEK 277V Trac Adapter <b>TEK<sup>1</sup></b> TEK 120V Trac Adapter <b>GTYPE<sup>1</sup></b> G-Type Trac Adapter <b>HTYPE<sup>1</sup></b> H-Type Trac Adapter <b>LTYPE<sup>2</sup></b> L-Type Trac Adapter	<b>40K</b> 4000K					

<sup>1</sup> TEK/HTEK adapter is black on silver finish fixtures. <sup>2</sup> HTEK versions available with OFF option only, and OFF option only available with HTEK version only.

#### Accessories

For Fixtures	R610L, R612L
Accessory Holder - Black	<b>AHR610 BLCK 275</b>
Accessory Holder - White	<b>AHR610 WHT 275</b>
Clear Glass Lens	<b>CGF 275 CLEAR*</b>
Color Filters	<b>CGF 275*</b>
Dichroic Filters	<b>DGF 275*</b>
Dichroic Color Correction Filters	<b>DCCF 275*</b>
Diffusion Lens	<b>DIFF 275*</b>
Uniformity Lens	<b>SOLITE 275*</b>
UV Filter	<b>UVF 275*</b>
Prismatic Spread Lens	<b>PRISM 275*</b>
Linear Spread Lens	<b>LSPREAD 275*</b>
Hexcell Louver	<b>HCLBL 275*</b>
Snoot	<b>SNOOTBL 275*</b>

\* Filters, lenses, louver, eyebrow and snoot require accessory holder for installation.

## Trac-Lites™ | LED Series

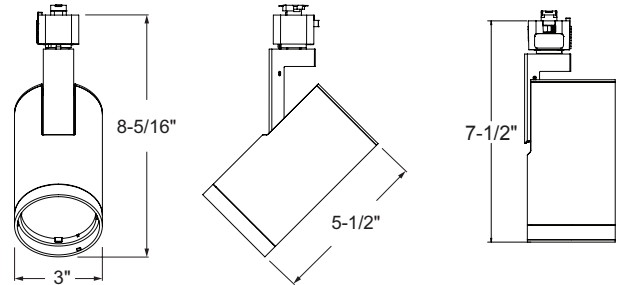
### 15W Adjustable Beam Cylinder LED

#### Adjustable Beam Cylinder R620L

The R620L Series 15W Adjustable Beam LED Cylinder is an affordable track fixture, with a simple and timeless cylindrical aesthetic. It features a proprietary optical system that enables the beam distribution to be adjusted continuously between 17-degrees and 53-degrees simply by rotating the front bezel, without the use of tools or requiring any additional accessories. This makes the R620L perfect for applications that require a range of beam patterns or where the desired beam pattern is unknown at the time of specification/purchase. It delivers up to 1234 lumens and is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. Optional high CRI versions are available with a minimum 90 CRI. The R620L Series LED is available with an optional, bayonet mount accessory holder that accommodates one accessory if desired. It is compatible with Juno Trac-Lites and Trac-Master track and system components, or it can be specified with a variety of factory-assembled alternate mounting adapters to fit on practically any competitive 120V track system.



#### Dimensions



#### Ordering Information

#### Ordering Example: R620L HTYPE 30K 90CRI PDIM VBS WH AHR620 WHT

Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish	Factory-Installed Accessory Holder Option
<b>R620L</b> 15W LED Adjustable Beam Cylinder	<b>(Blank)</b> Juno Universal 120V Trac Adapter	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>PDIM</b> Phase Dimmable	<b>VBS</b> Variable Beam System	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White	<b>AHR620 BLCK</b> Accessory Holder for R620L - Black  <b>AHR620 WHT</b> Accessory Holder for R620L - White
	<b>TEK</b> TEK 120V Trac Adapter	<b>30K</b> 3000K	<b>90CRI</b> 90 CRI				
	<b>GTYPE</b> G-Type Trac Adapter	<b>35K</b> 3500K					
	<b>HTYPE</b> H-Type Trac Adapter	<b>40K</b> 4000K					
	<b>LTYPE</b> L-Type Trac Adapter						

#### Accessories

For Fixtures	R620L
Accessory Holder - Black	<b>AHR620 BLCK 275</b>
Accessory Holder - White	<b>AHR620 WHT 275</b>
Color Filters	<b>CGF 275*</b>
Dichroic Filters	<b>DGF 275*</b>
Dichroic Color Correction Filters	<b>DCCF 275*</b>
Diffusion Lens	<b>DIFF 275*</b>
Uniformity Lens	<b>SOLITE 275*</b>
UV Filter	<b>UVF 275*</b>
Prismatic Spread Lens	<b>PRISM 275*</b>
Linear Spread Lens	<b>LSPREAD 275*</b>
Hexcell Louver	<b>HCLBL 275*</b>
Snoot	<b>SNOOTBL 275*</b>

\* Filters, lenses, louver, eyebrow and snoot require accessory holder for installation.

# Trac-Lites™ | Line Voltage Spotlights

PAR16/MR16 GU10 Open Back, Round Back Cylinder, Cast Cube, Flare, Odyssey & Bell

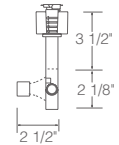
## Open Back Spotlight



Catalog #	Finish	Lamp
R711 WH	White	120V, 50W max. PAR16/MR16 GU10
R711 BL	Black	

Aiming lock helps retain fixture position during relamping.

### Dimensions

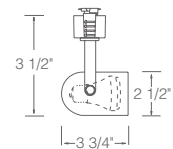


## Round Back Cylinder



Catalog #	Finish	Lamp
R712 BL	Black	120V, 50W max. PAR16/MR16 GU10

### Dimensions



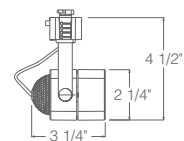
## Cast Cube



Catalog #	Finish	Lamp
R714 WH	White	120V, 50W max. PAR16/MR16 GU10
R714 BL	Black	
R714 SC	Satin Chrome	
R714 BZ	Bronze	

Aiming locks help retain fixture position during relamping.

### Dimensions

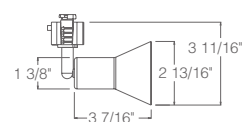


## Flare



Catalog #	Finish	Lamp
R715 WH	White	120V, 50W max. PAR16/MR16 GU10
R715 BL	Black	
R715 SC	Satin Chrome	
R715 BZ	Bronze	

### Dimensions

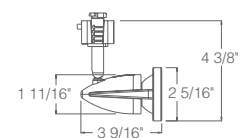


## Odyssey



Catalog #	Finish	Lamp
R717 WH	White	120V, 50W max. PAR16/MR16 GU10
R717 SC	Satin Chrome	
R717 BZ	Bronze	

### Dimensions



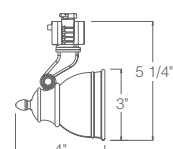
## Bell



Catalog #	Finish	Lamp
R718 BZ	Bronze	120V, 50W max. PAR16/MR16 GU10

Integral baffle and deep lamp regression for optimal lamp shielding. Aiming locks help retain fixture position during relamping.

### Dimensions




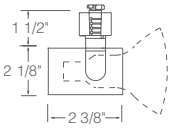


# Trac-Lites™ | Line Voltage Spotlights

## Universal & Flared Gimbals


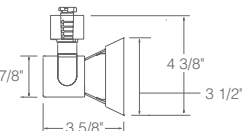
### Universal


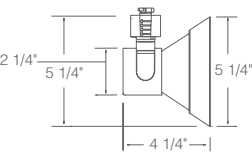
Simplicity and flexibility in a tight-to-the-track design head the list of key features of the Trac-Lites™ Universal fixtures. Use PAR20 lamps for the smallest footprint or PAR30 lamps if more light is desired.

	Catalog #	Finish	Lamp	Dimensions
	R541 WH R541 BL	White Black	75W max. PAR20/PAR30	

### Flared Gimbals

A compact and contemporary appearance is dynamically achieved with the tight-to-the-track Flared Gimbal series. The semi-exposed lamp design gives the fixture a lighter, open aesthetic, similar to traditional gimbal ring fixtures but with a little extra flare. Front relamping is a key feature of the Flared Gimbal series.

	Catalog #	Finish	Lamp	Dimensions
	R531 WH R531 BL R531 SC	White Black Satin Chrome	50W max. PAR20	

	Catalog #	Finish	Lamp	Dimensions
	R532 WH R532 BL	White Black	75W max. PAR30	

The product and system may be covered by the following patents: U.S. Patent D494,306; Canada Patent 2,947

# Trac-Lites™ | Line Voltage Spotlights

## Flared Steps

### Flared Steps

A compact and contemporary appearance is dynamically achieved with tight-to-the-track Flared Step fixtures. The enclosed lamp design entirely hides the lamp from view. Front relamping is a key feature of the Flared Step series.



#### Catalog #

R551 WH  
R551 BL  
R551 SC  
R551 BZ

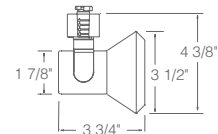
#### Finish

White  
Black  
Satin Chrome  
Bronze

#### Lamp

50W max. PAR20

#### Dimensions



#### Catalog #

R552 WH  
R552 BL  
R552 SC  
R552 BZ

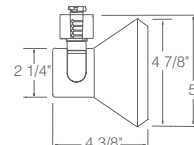
#### Finish

White  
Black  
Satin Chrome  
Bronze

#### Lamp

75W max. PAR30

#### Dimensions



#### Catalog #

R550 WH  
R550 BL

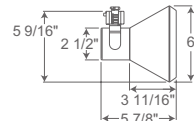
#### Finish

White  
Black

#### Lamp

120W max. PAR38

#### Dimensions



# Trac-Lites™ | Line Voltage Spotlights

## Round Back & Flat Back Cylinders

### Round Back Cylinders

The timeless round back shape accepts a range of R, BR and PAR lamps and provides deep lamp shielding.

	<b>Catalog #</b> <b>R500 WH</b> <b>R500 BL</b> Without Baffle	<b>Finish</b> White Black	<b>Lamp</b> 50W max. R20/PAR20	<b>Dimensions</b> 
	<b>Catalog #</b> <b>R501 WHB WH</b> <b>R501 BLB WH</b> <b>R501 BLB BL</b> <b>R501 BLB PB</b>	<b>Finish</b> White/White Baffle White/Black Baffle Black/Black Baffle Polished Brass/Black Baffle	<b>Lamp</b> 50W max. R20/PAR20	<b>Dimensions</b> 
	<b>Catalog #</b> <b>R502 WHB WH</b> <b>R502 BLB WH</b> <b>R502 BLB BL</b> <b>R502 BLB BZ</b>	<b>Finish</b> White/White Baffle White/Black Baffle Black/Black Baffle Bronze/Black Baffle	<b>Lamp</b> 75W max. BR30/PAR30/PAR30L	<b>Dimensions</b> 

### Flat Back Cylinders

These long-standing traditional lampholders accept a range of R, BR and PAR lamps and provide deep lamp shielding.

	<b>Catalog #</b> <b>R521 WHB WH</b>	<b>Finish</b> White/White Baffle	<b>Lamp</b> 50W max. R20/PAR20	<b>Dimensions</b> 
	<b>Catalog #</b> <b>R522 WHB WH</b>	<b>Finish</b> White/White Baffle	<b>Lamp</b> 75W max. BR30/PAR30/PAR30L	<b>Dimensions</b> 

# Trac-Lites™ | Line Voltage Spotlights

## Step Cylinders & Open Backs


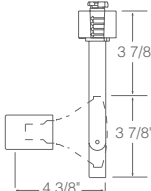

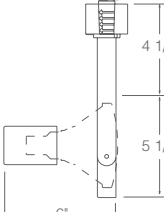
### Step Cylinders

One of the original track lampholder designs, Step Cylinders are still popular for more utilitarian applications. They accept a range of R, BR and PAR lamps and provide deep lamp shielding.

	<b>Catalog #</b> <b>R510 WH</b> <b>R510 BL</b> Without Baffle	<b>Finish</b> White Black	<b>Lamp</b> 50W max. R20/PAR20	<b>Dimensions</b>
				
	<b>Catalog #</b> <b>R511 WHB WH</b> <b>R511 BLB BL</b>	<b>Finish</b> White/White Baffle Black/Black Baffle	<b>Lamp</b> 50W max. R20/PAR20	<b>Dimensions</b>
				
	<b>Catalog #</b> <b>R512 WHB WH</b> <b>R512 BLB WH</b> <b>R512 BLB BL</b> Short neck PAR30 requires T599 Socket Extender	<b>Finish</b> White/White Baffle White/Black Baffle Black/Black Baffle	<b>Lamp</b> 75W max. BR30/PAR30/PAR30L	<b>Dimensions</b>
				

### Open Back Spotlights

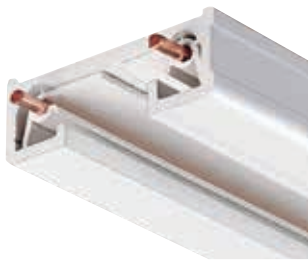
The most common and basic track fixtures for retail applications, Open Back Spotlight fixtures are ideal where fixture economy is the primary fixture selection factor or PAR38 lamps are needed for longer throws. These fixtures are rear loading.

	<b>Catalog #</b> <b>R533 WH</b> <b>R533 BL</b>	<b>Finish</b> White Black	<b>Lamp</b> 75W max. PAR30	<b>Dimensions</b>
				
	<b>Catalog #</b> <b>R534 WH</b> <b>R534 BL</b>	<b>Finish</b> White Black	<b>Lamp</b> 120W max. PAR38	<b>Dimensions</b>
				

# Trac-Lites™ | System Components

## Track Sections & Electrical Feeds

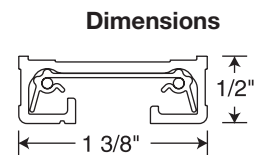
### Track Sections



#### Features

- Low 1/2" profile fits snugly to ceiling
- Rigid extruded aluminum channel
- Standard solid 12-gauge copper conductors
- 20 Amp capacity
- Debossed polarity line provides visual alignment with fixture and connector polarity arrows
- One circuit only
- Dead end and mounting hardware included
- Can be cut to custom length by installer

Catalog #	Finish	Description
<b>R 2FT WH</b>	White	2' One-Circuit Track
<b>R 2FT BL</b>	Black	(19-7/8" actual length)
<b>R 2FT SL</b>	Silver	
<b>R 2FT BZ</b>	Bronze	
<b>R 4FT WH</b>	White	4' One-Circuit Track
<b>R 4FT BL</b>	Black	(43-7/8" actual length)
<b>R 4FT SL</b>	Silver	
<b>R 4FT BZ</b>	Bronze	
<b>R 6FT WH</b>	White	6' One-Circuit Track
<b>R 6FT BL</b>	Black	(67-7/8" actual length)
<b>R 6FT SL</b>	Silver	
<b>R 6FT BZ</b>	Bronze	
<b>R 8FT WH</b>	White	8' One-Circuit Track
<b>R 8FT BL</b>	Black	(91-7/8" actual length)
<b>R 8FT SL</b>	Silver	
<b>R 8FT BZ</b>	Bronze	



### Track Dead End



Track Dead Feed

Catalog #	Finish	Description
<b>R28 WH</b>	White	<ul style="list-style-type: none"> <li>• Only required when terminating extra field cut-off sections</li> <li>• One supplied with track section</li> </ul>
<b>R28 BL</b>	Black	
<b>R28 SL</b>	Silver	
<b>R28 BZ</b>	Bronze	

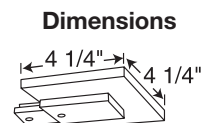


### Electrical Feeds



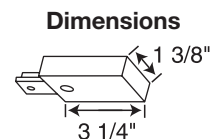
End Feed Connector and Outlet Box Cover

Catalog #	Finish	Description
<b>R21 WH</b>	White	<ul style="list-style-type: none"> <li>• For outlet box feed</li> <li>• Includes outlet box cover, fixture strap, and ground screw</li> </ul>
<b>R21 BL</b>	Black	
<b>R21 SL</b>	Silver	
<b>R21 BZ</b>	Bronze	



End Feed Connector

Catalog #	Finish	Description
<b>R38 WH</b>	White	<ul style="list-style-type: none"> <li>• Feeds track from above with Flex or BX</li> <li>• Accepts standard 1/2" electrical connector</li> </ul>
<b>R38 BL</b>	Black	
<b>R38 SL</b>	Silver	
<b>R38 BZ</b>	Bronze	
<b>R38 RP WH</b>	White	<ul style="list-style-type: none"> <li>• Same as above except designed for use in opposite polarity orientation compared to standard feed connectors</li> <li>• See specification sheets for more details</li> </ul>
<b>R38 RP BL</b>	Black	





# Trac-Lites™ | System Components

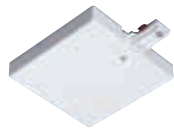
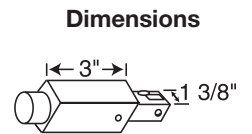
## Electrical Feeds

### Electrical Feeds (cont)



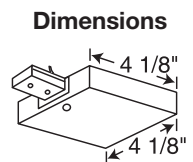
Conduit Feed

Catalog #	Finish	Description
<b>R34 WH</b>	White	<ul style="list-style-type: none"> <li>For surface wiring using standard 1/2" electrical connector</li> </ul>
<b>R34 BL</b>	Black	
<b>R34 SL</b>	Silver	
<b>R34 BZ</b>	Bronze	
<b>R34 RP WH</b>	White	<ul style="list-style-type: none"> <li>Same as above except designed for use in opposite polarity orientation compared to standard feeds</li> <li>See specification sheets for more details</li> </ul>
<b>R34 RP BL</b>	Black	



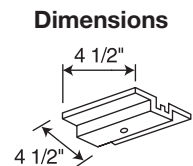
T-Bar End Feed

Catalog #	Finish	Description
<b>R36 WH</b>	White	<ul style="list-style-type: none"> <li>Wiring compartment contains standard 1/2" K.O.'s</li> <li>Feeds track from above when 15/16" T-bar is directly above track</li> </ul>
<b>R36 BL</b>	Black	
<b>R36 SL</b>	Silver	
<b>R36 BZ</b>	Bronze	
<b>R36 RP WH</b>	White	<ul style="list-style-type: none"> <li>Same as above except designed for use in opposite polarity orientation compared to standard feeds</li> <li>See specification sheets for more details</li> </ul>



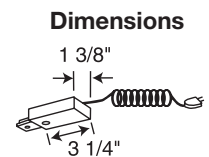
Floating Electrical Feed

Catalog #	Finish	Description
<b>R29 WH</b>	White	<ul style="list-style-type: none"> <li>Permits mounting at any point along track at outlet box</li> <li>Includes floating connector, outlet box cover, and track dead end</li> </ul>
<b>R29 BL</b>	Black	
<b>R29 SL</b>	Silver	
<b>R29 BZ</b>	Bronze	



Cord and Plug Connector

Catalog #	Finish	Description
<b>R22 WH</b>	White	<ul style="list-style-type: none"> <li>15' 2-wire white cord</li> <li>Includes surface wire retainers and in-line switch</li> <li>7 Amp maximum</li> <li>Not UL Rated</li> </ul>
<b>R22 BL</b>	Black	
<b>R22 SL</b>	Silver	
<b>R22 BZ</b>	Bronze	
<b>R122 WH</b>	White	<ul style="list-style-type: none"> <li>Same as above but with three wires and matching color cords</li> <li>No switch</li> <li>7 Amp maximum</li> <li>Not UL Rated</li> </ul>
<b>R122 BL</b>	Black	
<b>R122 SL</b>	Silver	
<b>R122 BZ</b>	Bronze	


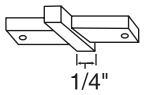



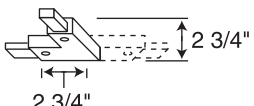

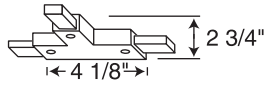
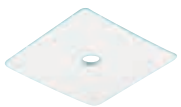
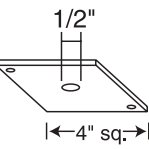

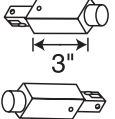


The product and system may be covered by the following United States patent: US 5,259,774

# Trac-Lites™ | System Components

## Connectors


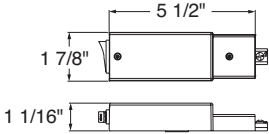
### Connectors


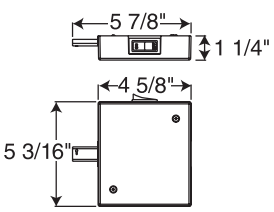
 <p>Miniature Straight Connector</p>	<p><b>Catalog #</b> <b>Finish</b></p> <p><b>R23 WH</b> White  <b>R23 BL</b> Black  <b>R23 SL</b> Silver  <b>R23 BZ</b> Bronze</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>Joins two track sections end to end</li> </ul>	<p><b>Dimensions</b></p> 
 <p>Flexible Adjustable Joiner</p>	<p><b>Catalog #</b> <b>Finish</b></p> <p><b>R20 WH</b> White  <b>R20 BL</b> Black  <b>R20 SL</b> Silver  <b>R20 BZ</b> Bronze</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>Joins two track sections</li> <li>Can flex to 90° to the left, right, up or down</li> </ul>	<p><b>Dimensions</b></p> 
 <p>Adjustable Connector</p>	<p><b>Catalog #</b> <b>Finish</b></p> <p><b>R24 WH</b> White  <b>R24 BL</b> Black  <b>R24 SL</b> Silver  <b>R24 BZ</b> Bronze</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>Joins two track sections to make a 90° angle or straight run</li> <li>T27 required for junction box feed</li> <li>Straight and right angle covers supplied</li> </ul>	<p><b>Dimensions</b></p> 
 <p>"T" Connector</p>	<p><b>Catalog #</b> <b>Finish</b></p> <p><b>R25 WH</b> White  <b>R25 BL</b> Black  <b>R25 SL</b> Silver  <b>R25 BZ</b> Bronze</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>Joins three track sections</li> <li>T27 required for junction box feed</li> </ul>	<p><b>Dimensions</b></p> 
 <p>Outlet Box Cover</p>	<p><b>Catalog #</b> <b>Finish</b></p> <p><b>T27 WH</b> White  <b>T27 BL</b> Black  <b>T27 SL</b> Silver  <b>T27 BZ</b> Bronze</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>Use with R24 and R25 for outlet box electrical feed</li> <li>Includes nipple, locknut, and ground screw</li> </ul>	<p><b>Dimensions</b></p> 
 <p>Track Continuation Kit</p>	<p><b>Catalog #</b> <b>Finish</b></p> <p><b>R49 WH</b> White  <b>R49 BL</b> Black  <b>R49 SL</b> Silver  <b>R49 BZ</b> Bronze</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>Two conduit adapters (one left R34 and one right R34) to continue track run around or thru obstructions</li> <li>Use with standard 1/2" electrical connectors</li> </ul>	<p><b>Dimensions</b></p> 


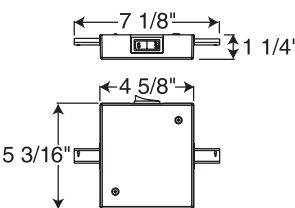
# Trac-Lites™ | System Components

## Current Limiting Feeds & Circuit Breakers

### Current Limiting Feeds


	Catalog #	Finish	Track Type	Description	Dimensions
 Mini End Feed	<b>RCLFM11 WH</b>	White	1-Circuit	Mini End Feed	
	<b>RCLFM11 BL</b>	Black			
	<b>RCLFM11 SL</b>	Silver			
	<b>RCLFM11 BZ</b>	Bronze			
	<b>RCLFM11 RP WH</b>	White	1-Circuit	Same as above except designed for use in opposite polarity orientation compared to standard feeds – see specification sheets for more details	
	<b>RCLFM11 RP BL</b>	Black			
	<b>RCLFM11 RP SL</b>	Silver			
	<b>RCLFM11 RP BZ</b>	Bronze			

	Catalog #	Finish	Track Type	Description	Dimensions
 End Feed	<b>RCLF11 RP WH</b>	White	1-Circuit	End Feed	
	<b>RCLF11 RP BL</b>	Black			

	Catalog #	Finish	Track Type	Description	Dimensions
 In-Line Feed	<b>RCLF21 RP WH</b>	White	1-Circuit	In-Line Feed	
	<b>RCLF21 RP BL</b>	Black			

### Current Limiting Circuit Breakers - Order Separately

Example: **RCLF11 BL** and **TCLCB 5A BLCK**

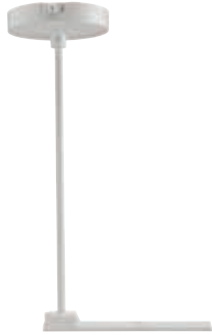
	Catalog #	Dimensions	Descriptions	Wattage	Finish
	<b>TCLCB 0.5A</b>		0.5A Current Limiting Circuit Breaker	60W	WHT, BLCK
	<b>TCLCB 1A</b>		1A Current Limiting Circuit Breaker	120W	WHT, BLCK
	<b>TCLCB 2A</b>		2A Current Limiting Circuit Breaker	240W	WHT, BLCK
	<b>TCLCB 3A</b>		3A Current Limiting Circuit Breaker	360W	WHT, BLCK
	<b>TCLCB 4A</b>		4A Current Limiting Circuit Breaker	480W	WHT, BLCK
	<b>TCLCB 5A</b>		5A Current Limiting Circuit Breaker	600W	WHT, BLCK
	<b>TCLCB 6A</b>		6A Current Limiting Circuit Breaker	720W	WHT, BLCK
	<b>TCLCB 7A</b>		7A Current Limiting Circuit Breaker	840W	WHT, BLCK
	<b>TCLCB 8A</b>		8A Current Limiting Circuit Breaker	960W	WHT, BLCK
	<b>TCLCB 9A</b>		9A Current Limiting Circuit Breaker	1080W	WHT, BLCK
	<b>TCLCB 10A</b>		10A Current Limiting Circuit Breaker	1200W	WHT, BLCK
	<b>TCLCB 12A</b>		12A Current Limiting Circuit Breaker	1440W	WHT, BLCK
	<b>TCLCB 14A</b>		14A Current Limiting Circuit Breaker	1680W	WHT, BLCK

# Trac-Lites™ | System Components

## Current Limiting Feeds & Subpanels

### Current Limiting Pendant Stem Kits

Current Limiting Pendant Stem Kits combine the functionality of pendant mounting with the ability to feed the track with current limiting in an attractive, integrated solution.



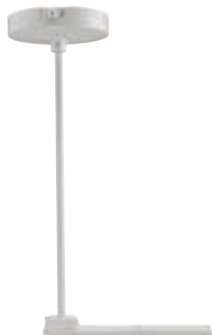
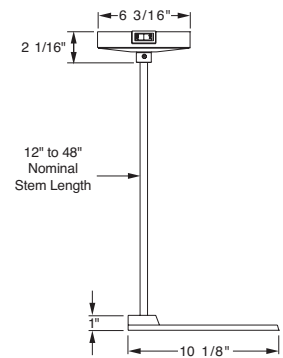
T-Bar Ceiling Mount

Catalog #	Finish
<b>T90CLF 12IN BL</b>	Black
<b>T90CLF 12IN SL</b>	Silver
<b>T90CLF 12IN WH</b>	White
<b>T90CLF 18IN BL</b>	Black
<b>T90CLF 18IN SL</b>	Silver
<b>T90CLF 18IN WH</b>	White
<b>T90CLF 24IN BL</b>	Black
<b>T90CLF 24IN SL</b>	Silver
<b>T90CLF 24IN WH</b>	White
<b>T90CLF 36IN BL</b>	Black
<b>T90CLF 36IN SL</b>	Silver
<b>T90CLF 36IN WH</b>	White
<b>T90CLF 48IN BL</b>	Black
<b>T90CLF 48IN SL</b>	Silver
<b>T90CLF 48IN WH</b>	White

#### Description

- Compatible with 15/16" flush T-bar ceilings
- 12", 18", 24", 36", 48" stem lengths
- Includes mounting plate, canopy, stem and wireway cover (order R38 track feed connector and current limiting circuit breaker separately – see page 115)

#### Dimensions



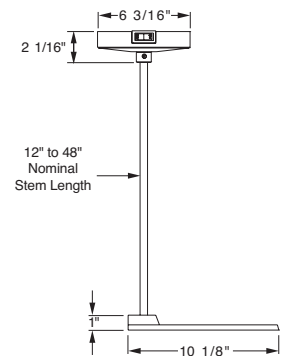
Rigid Ceiling Mount

Catalog #	Finish
<b>T91CLF 12IN BL</b>	Black
<b>T91CLF 12IN SL</b>	Silver
<b>T91CLF 12IN WH</b>	White
<b>T91CLF 18IN BL</b>	Black
<b>T91CLF 18IN SL</b>	Silver
<b>T91CLF 12IN WH</b>	White
<b>T91CLF 24IN BL</b>	Black
<b>T91CLF 24IN SL</b>	Silver
<b>T91CLF 24IN WH</b>	White
<b>T91CLF 36IN BL</b>	Black
<b>T91CLF 36IN SL</b>	Silver
<b>T91CLF 36IN WH</b>	White
<b>T91CLF 48IN BL</b>	Black
<b>T91CLF 48IN SL</b>	Silver
<b>T91CLF 48IN WH</b>	White

#### Description

- Compatible with 15/16" flush T-bar ceilings
- 12", 18", 24", 36", 48" stem lengths
- Includes mounting plate, canopy, stem and wireway cover (order R38 track feed connector and current limiting circuit breaker separately – see page 115)

#### Dimensions



### Current Limiting Subpanel

The SilverBullet is a "sub-branch circuit current limiter" for track lighting that enforces a definite current limit to lower the VA rating of each track lighting circuit and meet code requirements. Use of a current limiting subpanel is often a more cost-effective method of employing current limiting, especially for applications with more than 10 circuits to limit.

See page 90 for more details.



# Trac-Lites™ | System Components


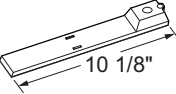
## Mounting Accessories

### Pendant Stem Kits

Pendant Stem kits enable the track to be mounted at ideal heights, without having to lower the entire ceiling plane. Stems can be specified in a variety of different lengths and can be joined for higher ceiling applications.

	Catalog #	Finish	Description	Dimensions
 <p>T-Bar Pendant Stem Kit</p>	<b>T90 12IN WH</b>	White	<ul style="list-style-type: none"> <li>Compatible with 15/16" flush T-bar ceilings</li> <li>12", 18", 24", 36", 48" stem lengths</li> <li>Use two for 2', 4', or 6' track, or three for 8' track</li> <li>For electrical feed, order Wireway Cover T93 and R38</li> </ul>	
	<b>T90 12IN BL</b>	Black		
	<b>T90 12IN SL</b>	Silver		
	<b>T90 12IN BZ</b>	Bronze		
	<b>T90 18IN WH</b>	White		
	<b>T90 18IN BL</b>	Black		
	<b>T90 18IN SL</b>	Silver		
	<b>T90 18IN BZ</b>	Bronze		
	<b>T90 24IN WH</b>	White		
	<b>T90 24IN BL</b>	Black		
	<b>T90 24IN SL</b>	Silver		
	<b>T90 24IN BZ</b>	Bronze		
	<b>T90 36IN WH</b>	White		
	<b>T90 36IN BL</b>	Black		
	<b>T90 36IN SL</b>	Silver		
	<b>T90 36IN BZ</b>	Bronze		
<b>T90 48IN WH</b>	White			
<b>T90 48IN BL</b>	Black			
<b>T90 48IN SL</b>	Silver			
<b>T90 48IN BZ</b>	Bronze			

	Catalog #	Finish	Description	Dimensions
 <p>Rigid Ceiling Pendant Stem Kit</p>	<b>T91 12IN WH</b>	White	<ul style="list-style-type: none"> <li>Compatible with rigid ceilings</li> <li>12", 18", 24", 26", 48" stem lengths</li> <li>Use two for 2', 4', or 6' track, or three for 8' track</li> <li>For electrical feed, order Wireway Cover T93 and R38</li> </ul>	
	<b>T91 12IN BL</b>	Black		
	<b>T91 12IN SL</b>	Silver		
	<b>T91 12IN BZ</b>	Bronze		
	<b>T91 18IN WH</b>	White		
	<b>T91 18IN BL</b>	Black		
	<b>T91 18IN SL</b>	Silver		
	<b>T91 18IN BZ</b>	Bronze		
	<b>T91 24IN WH</b>	White		
	<b>T91 24IN BL</b>	Black		
	<b>T91 24IN SL</b>	Silver		
	<b>T91 24IN BZ</b>	Bronze		
	<b>T91 36IN WH</b>	White		
	<b>T91 36IN BL</b>	Black		
	<b>T91 36IN SL</b>	Silver		
	<b>T91 36IN BZ</b>	Bronze		
<b>T91 48IN WH</b>	White			
<b>T91 48IN BL</b>	Black			
<b>T91 48IN SL</b>	Silver			
<b>T91 48IN BZ</b>	Bronze			

	Catalog #	Finish	Description	Dimensions
 <p>Feed Wireway Cover</p>	<b>T93 WH</b>	White	<ul style="list-style-type: none"> <li>Use one for each T90 or T91 when using stem for feeding track</li> <li>Feed at R38 or R24</li> <li>Conceals electrical feed wires from stem to track</li> </ul>	
	<b>T93 BL</b>	Black		
	<b>T93 SL</b>	Silver		
	<b>T93 BZ</b>	Bronze		




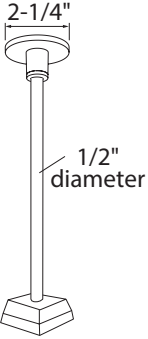
# Trac-Lites™ | System Components



## Pendant Stem Kits



### Mounting Accessories (cont)

Pendant Stem kits enable the track to be mounted at ideal heights, without having to lower the entire ceiling plane. Stems can be specified in a variety of different lengths and can be joined for higher ceiling applications.

### Pendant Stem Support Kits

	Catalog #	Finish	Description	Dimensions
 <p>Pendant Stem Mechanical Support Kit</p>	<b>T9091M 12IN WH</b>	White	<ul style="list-style-type: none"> <li>• For mechanical support only (no feed)</li> <li>• Suspends track from T-bar or rigid ceilings</li> <li>• Offers simpler installation and a smaller ceiling footprint</li> <li>• 12", 18", 24", 36", 48" stem lengths</li> <li>• Use two for 2', 4', or 6' of track or three for 8' and four for 12' of track</li> <li>• Includes Mini-Canopy, pendant stem, 1-5/16" T-bar clip, drywall anchor and track mounting hardware</li> </ul>	
	<b>T9091M 12IN BL</b>	Black		
	<b>T9091M 12IN SL</b>	Silver		
	<b>T9091M 18IN WH</b>	White		
	<b>T9091M 18IN BL</b>	Black		
	<b>T9091M 18IN SL</b>	Silver		
	<b>T9091M 24IN WH</b>	White		
	<b>T9091M 24IN BL</b>	Black		
	<b>T9091M 24IN SL</b>	Silver		
	<b>T9091M 36IN WH</b>	White		
	<b>T9091M 36IN BL</b>	Black		
	<b>T9091M 36IN SL</b>	Silver		
<b>T9091M 48IN WH</b>	White			
<b>T9091M 48IN BL</b>	Black			
<b>T9091M 48IN SL</b>	Silver			


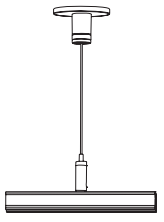

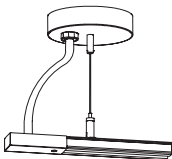


	Catalog #	Finish	Description	
 <p>Pendant Stem Threaded Coupling</p>	<b>T96 WH</b>	White	<ul style="list-style-type: none"> <li>• Enables multiple pendant stems to be joined for higher ceiling applications</li> </ul>	
	<b>T96 BL</b>	Black		
	<b>T96 SL</b>	Silver		
	<b>T96 BZ</b>	Bronze		

	Catalog #	Finish	Description	
 <p>Pendant Slope Ceiling Adapter</p>	<b>T94 WH</b>	White	<ul style="list-style-type: none"> <li>• Permits pendant track stem to be hung vertically from sloped ceiling</li> <li>• Use pendant kits (T90, T91)</li> <li>• Will allow feeding of electrical wires to track at up to a 60° angle</li> </ul>	
	<b>T94 BL</b>	Black		
	<b>T94 SL</b>	Silver		
	<b>T94 BZ</b>	Bronze		


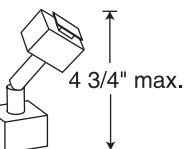
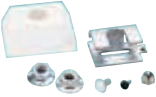

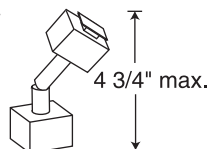
# Trac-Lites™ | Accessories

## Mounting Accessories

### Cable Suspension Kit

 <p>T-Bar/Rigid Ceiling Cable Suspension Kit</p>	<b>Catalog #</b>	<b>Finish</b>	<b>Description</b>	
	T595 48IN WH	White	<ul style="list-style-type: none"> <li>Mechanical-only cable suspension kit for one-circuit or two-circuit track</li> <li>Adjustable 48" or 144" cable</li> <li>For use on 15/16" T-bar ceiling</li> </ul>	
	T595 48IN BL	Black		
	T595 144IN WH	White		
T595 144IN BL	Black			
 <p>T-Bar/Rigid Ceiling Cable Suspension/Feed Kit</p>	<b>Catalog #</b>	<b>Finish</b>	<b>Description</b>	
	T596 48IN WH	White	<ul style="list-style-type: none"> <li>Cable suspension kit with 48" or 144" electrical feed for one-circuit track</li> <li>For use on 15/16" T-bar ceiling</li> </ul>	
	T596 48IN BL	Black		
	T596 144IN WH	White		
T596 144IN BL	Black			
 <p>T-Bar/Rigid Ceiling Cable Suspension/Feed Kit</p>	<b>Catalog #</b>	<b>Finish</b>	<b>Description</b>	
	T598 48IN WH	White	<ul style="list-style-type: none"> <li>Cable suspension kit with 48" or 144" electrical feed for one-circuit track</li> <li>For use on rigid ceiling</li> </ul>	
	T598 48IN BL	Black		
	T598 144IN WH	White		
T598 144IN BL	Black			


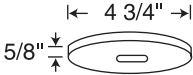

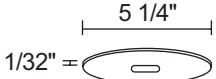

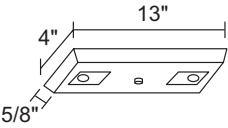

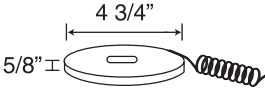
### Mounting Accessories

 <p>T-Bar Attachment Clip</p>	<b>Catalog #</b>	<b>Description</b>		
	R37F	<ul style="list-style-type: none"> <li>To attach track to inverted tee ceiling</li> <li>Use two for 2' or 4' track or three for 6' or 8' track</li> <li>R37F T-Bar Clip is compatible with flush tile 15/16" inverted T-bar ceiling</li> <li>R37D T-Bar Clip is compatible with drop tile 15/16" inverted T-bar ceiling</li> <li>R37916 T-Bar Clip is compatible with drop tile or flush tile 9/16" inverted T-Bar ceiling</li> </ul>		
	R37D			
	R37916			
 <p>Solid Rod Pendant Mounting Kit</p>	<b>Catalog #</b>	<b>Finish</b>	<b>Description</b>	
	T56 WH	White	<ul style="list-style-type: none"> <li>Attaches solid 5/16" threaded rod to track</li> <li>Includes plastic cap, mounting bracket, and hardware</li> <li>Rod not supplied</li> </ul>	
	T56 BL	Black		
	T56 SL	Silver		
T56 BZ	Bronze			
 <p>Slope Ceiling Fixture Adapter</p>	<b>Catalog #</b>	<b>Finish</b>	<b>Description</b>	<b>Dimensions</b>
	T95 WH	White	<ul style="list-style-type: none"> <li>Attaches to track, permitting Juno Trac-Master and Trac-Lites fixtures using the standard square Super Adapter to be hung vertically from sloped ceiling</li> <li>90° maximum adjustment</li> </ul>	
	T95 BL	Black		
	T95 SL	Silver		
T95 BZ	Bronze			

# Trac-Lites™ | Accessories

## Mounting Accessories

### Mounting Accessories (cont)

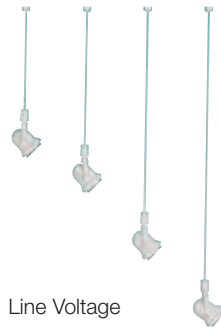
	<b>Catalog #</b> <b>R40N WH</b> <b>R40N BL</b> <b>R40N BZ</b> <b>R40N SL</b>	<b>Finish</b> White Black Bronze Silver	<b>Description</b> <ul style="list-style-type: none"> <li>• Accepts Juno Trac-Master &amp; Trac-Lites 120V track</li> <li>• Mounts directly to outlet box</li> </ul>	<b>Dimensions</b> 
	<b>Catalog #</b> <b>T40F WH</b> <b>T40F BL</b>	<b>Finish</b> White Black	<b>Description</b> <ul style="list-style-type: none"> <li>• Mounts directly to 4" outlet box only</li> <li>• Accepts Juno Trac-Master &amp; Trac-Lites 120V track fixtures using the standard square Super Adapter</li> </ul>	<b>Dimensions</b> 
	<b>Catalog #</b> <b>T41N WH</b> <b>T41N BL</b>	<b>Finish</b> White Black	<b>Description</b> <ul style="list-style-type: none"> <li>• Mounts directly to outlet box</li> <li>• Accepts two Juno Trac-Master or Trac-Lites 120V track fixtures</li> </ul>	<b>Dimensions</b> 
	<b>Catalog #</b> <b>T42N WH</b> <b>T42N BL</b>	<b>Finish</b> White Black	<b>Description</b> <ul style="list-style-type: none"> <li>• Heavy base enables track fixture to be placed on a horizontal surface (i.e. floor, shelf) and aimed upwards</li> <li>• Accepts Juno Trac-Master &amp; Trac-Lites 120V track fixtures</li> <li>• Supplied with 8' cord and plug for portable use</li> </ul>	<b>Dimensions</b> 

# Trac-Lites™ | Accessories

## Extension Wands & Special Mounting Accessories

### Line Voltage Extension Wands

Extension wands suspend fixtures precisely where they are needed without lowering the track section. On/Off switch is standard. Line voltage extension wands suspend all Juno line voltage track fixtures from all 120V Juno Trac. Two extension wand types are available: one designed for use with the standard square Super Adapter found on most Trac-Master and Trac-Lites fixtures and one designed for use with the wide adapter found on some track fixtures such as T255L, T265L and T267L. Always confirm the fixture adapter type before specifying an extension wand to ensure compatibility. May also be used with Monopoints designed to accept Juno 120V track fixtures. Constructed of 1/2" rigid tubular steel and Lexan® plastic.



Line Voltage

Line Voltage Extension Wands		Finish	Overall Length
Super Adapter Catalog #	Wide Adapter Catalog #		
TEW 12IN WH TEW 12IN BL	TEW 12IN WH WA TEW 12IN BL WA	White Black	13 1/2"
TEW 18IN WH TEW 18IN BL TEW 18IN SL	TEW 18IN WH WA TEW 18IN BL WA	White Black Silver	19 1/2"
TEW 24IN WH TEW 24IN BL TEW 24IN SL	TEW 24IN WH WA TEW 24IN BL WA	White Black Silver	25 1/2"
TEW 36IN WH TEW 36IN BL TEW 36IN SL	TEW 36IN WH WA TEW 36IN BL WA	White Black Silver	37 1/2"
TEW 48IN WH TEW 48IN BL	TEW 48IN WH WA TEW 48IN BLWA	White Black	49 1/2"
TEWS 24IN WH* TEWS 24IN BL*	TEWS 24IN WH WA* TEWS 24IN BL WA*	White Black	28 1/2"

\* Wand with slope adapter on top.

### Miscellaneous Track Accessories



Pendant Adapter

Note: T31N is available with GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.

Catalog #	Finish	Description	Dimensions
T31N WH T31N BL T31N SL	White Black Silver	<ul style="list-style-type: none"> <li>Adapts swag or chain-hung fixture to track</li> <li>Includes strain relief for 3-wire cord (replaces chain loop)</li> <li>Chain installation accepts wire diameters up to 0.270" and supports up to 15 lbs.; strain relief installation requires Type SVT 18/3 3-wire cord and supports up to 5 pounds.</li> <li>UL Listed</li> <li>5A max</li> </ul>	



Planter or Utility Hook

Catalog #	Finish	Description	Dimensions
T32 WH T32 BL	White Black	<ul style="list-style-type: none"> <li>Supports up to 25 lbs.</li> <li>Not UL Listed</li> </ul>	



Outlet Adapter

Catalog #	Finish	Description	Dimensions
T33 WH T33 BL T33 SL	White Black Silver	<ul style="list-style-type: none"> <li>Provides electrical receptacle</li> <li>Not UL Listed</li> <li>7A max</li> </ul>	

# Trac-Lites™ | Accessories

## Coil Cord Clamp-Ons & Outrigger Mounting Bracket

### Coil Cord Clamp-Ons with Monopoint

Coil cord clamp-ons provide an innovative way to mount fixtures to pipe and flat surfaces up to 1 1/2" thick. Designed with futuristic styling in mind for dynamic displays and special mounting situations.



Track Line Voltage Coil Cord Clamp-On

**Super Adapter**  
Catalog #  
T132 WH  
T132 BL

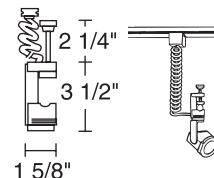
**Wide Adapter**  
Catalog #  
T132 WH WA  
T132 BL WA

**Finish**  
White  
Black

**Description**

- Attaches to Juno 120V Trac-Master & Trac-Lites 120V and Monopoints
- Accepts Juno Trac-Master & Trac-Lites 120V track (confirm fixture adapter type before specifying to ensure compatibility)
- Includes On/Off switch
- 2' coil cord extends to 5'

**Dimensions**



Plug-In Line Voltage Coil Cord Clamp-On

**Super Adapter**  
Catalog #  
T133 WH  
T133 BL

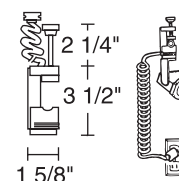
**Wide Adapter**  
Catalog #  
T133 WH WA  
T133 BL WA

**Finish**  
White  
Black

**Description**

- With coil cord and male plug (for standard 120V receptacle)
- Accepts Juno Trac-Master & Trac-Lites 120V track fixtures (confirm fixture adapter type before specifying to ensure compatibility)
- Includes On/Off switch
- 2' coil cord extends to 5'

**Dimensions**



### Outrigger Track Mounting Bracket (non-electrified)



Outrigger Track Mounting Bracket

**Catalog #**  
T47 WH  
T47 BL

**Finish**  
White  
Black

**Description**

- For mounting track out from wall
- Use two for 2', 4' or 6' track sections, three for 8' sections, four for 12' sections
- Order track and track connectors separately
- For portable electric feed, use R22 or R122 Cord Set
- For permanent wiring, use R38 Live End Feed

**Dimensions**

24"L x 8"H



# Trac-Lites™ | Kits

## Track Kits

### Track Kits

Packed to go. The most popular models supplied in simple-to-install pre-packaged kits.



### Line Voltage Conical LED Track Kits



#### Description

- Kit includes three (3) universal beam R600L 10W LED track fixtures, one 4' Trac-Lites track section, one floating electrical feed and mounting hardware.
- Kits are available in all R600L CCTs, CRIs and finishes to suit any retail, commercial or residential application.

#### Ordering Information

#### Ordering Example: R4K3600L 27K 90CRI PDIM UNF BZ








Series	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>R4K3600L</b> Trac-Lites R600LTrac Kit	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI	<b>PDIM</b> Phase Dimmable	<b>UNF</b> Universal - Narrow Flood, Flood	<b>BL</b> Black
	<b>30K</b> 3000K	<b>90CRI</b> 90 CRI			<b>SL</b> Silver
	<b>35K</b> 3500K	<b>97CRI<sup>1</sup></b> 97 CRI			<b>WH</b> White
	<b>40K</b> 4000K				

<sup>1</sup> 27K, 30K, & 40K only.

# Trac-Lites™ | Accessories

## Light Control Accessories

The Juno complete range of light control accessories permit the designer to custom tailor effects. See individual fixture pages and specification sheets for additional details.

		2" DIAMETER	COMPATIBLE WITH	2-3/4" DIAMETER	COMPATIBLE WITH	
<b>Accessory Holders</b>  <p>Required for fixtures shown to use accessories.</p>		AHR605 BLCK	R605L, R606L	AHR610 BLCK	R610L, R612L	
		AHR605 WHT		AHR610 WHT		
<b>Beam Control Lenses</b>  <p>These alter the light distribution, enlarging or elongating it, softening the beam edge or removing striations.</p>		Prismatic Spread Lens	Fixtures with AHR605 Accessory Holder	AHR620 BLCK	R620L	
		Linear Spread Lens		AHR620 WHT		
		Uniformity Lens (Solite™)		PRISM 200	PRISM 275	Fixtures with AHR610 or AHR620 Accessory Holder
		Diffusion Lens		LSPREAD 200	LSPREAD 275	
			SOLITE 200	SOLITE 275		
 <p>These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect fade sensitive art and objects from light degradation.</p>			DIFF 200	DIFF 275		
			UVF 200	UVF 275		
<b>Dichroic Color Correction Filters</b>						
 <p>Color Correction Filters correct the light, to warm it up to approximate incandescent.</p>		Halogen-to-Incandescent, 2700K	DCCF 200 HAL2700			
<b>Color Filters</b>						
 <p>Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.</p>		<b>Dichroic Glass Filters</b>				
		Red	DGF 200 DRED	DGF 275 DRED		
		Medium Green	DGF 200 MGRN	DGF 275 MGRN		
		Medium Blue	DGF 200 MBLU	DGF 275 MBLU		
		Yellow	DGF 200 DYEL	DGF 275 DYEL		
		Magenta	DGF 200 MAGEN	DGF 275 MAGEN		
		Blue-Green (Cyan)	DGF 200 CYAN	DGF 275 CYAN		
		<b>Colored Glass Filters</b>				
		Medium Pink	CGF 200 MPINK	CGF 275 MPINK		
		Warm Red	CGF 200 WRED	CGF 275 WRED		
		Daylight Blue	CGF 200 DLBLUE	CGF 275 DLBLUE		
		Medium Blue	CGF 200 MBLU	CGF 275 MBLU		
		Medium Amber	CGF 200 MAMB	CGF 275 MAMB		
		Medium Green	CGF 200 MGRN	CGF 275 MGRN		
<b>Louvers</b>						
 <p>Louvers provide greater visual source cut-off and reduce perceived fixture brightness.</p>		Hexcell Louvers	HCLBL 200	HCLBL 275		
<b>Snoots</b>						
 <p>Snoots extend lamp shielding and can reduce spill light at the edge of a beam pattern.</p>		Snoots	SNOOTBL 200	SNOOTBL 275		

Solite™ is a trademark of AGC Solar.

# HD Commercial Track

## Juno® HD Commercial Track Lighting System

### 2-Circuit/2-Neutral

Superior performance for dimmed lighting, low life-cycle cost, and high power-handling capability make the Juno HD Commercial Track System an excellent choice.

This 2-circuit/2-neutral track system is ideal for dimming intensive applications. The independent neutrals guarantee that the two circuits are completely isolated. The potential for cross-circuit interference and neutral harmonics is completely eliminated, essential for trouble-free dimming. The lack of harmonics ensures superior fixture performance and longer equipment life.

Juno HD Commercial Track is engineered to be durable, dependable, and simple to install. The track's extruded aluminum construction and continuously crimped conductors ensure mechanical strength and electrical reliability. The integral suspension rail and pre-drilled mounting holes of the track simplify installation



# HD Commercial Track | Track System Components

## 120V, 2-Circuit/2-Neutral Track System



### Description

Juno HD Commercial 2-Circuit/2-Neutral Track is ideal for dimming intensive applications. The independent neutrals guarantee that the two circuits are completely isolated. The potential for cross-circuit interference and neutral harmonics is completely eliminated to ensure trouble-free dimming. The HD Commercial 2-Circuit/2-Neutral Track's extruded aluminum construction and continuously crimped conductors ensure mechanical strength and electrical reliability. Its integral suspension rail and pre-drilled mounting holes simplify installation. A wide variety of Juno Trac fixtures may be specified for use with the HD Commercial Track system.

**Labels** UL Listed • cUL Listed • Current Limiting Feeds approved by the California Energy Commission to meet requirements of Title 24 • Current Limiting Feeds comply with ASHRAE 90.1 and IECC Section 805.5.1.4 for track current limiting.

### Features

**Construction** Rugged, heavy gauge extruded aluminum channel • Integral polarity ridge ensures proper connector and fixture installation

**Electrical** Each circuit is rated for 20 Amp, 120 Volt operation • Track extrusion serves as 100% capacity ground

**Fixture Adapter** Supplied with track fixture • Integrally polarized construction to prevent reverse installation – only allows insertion in proper orientation • Rotary circuit selector enables simple switching between circuits • Integral on/off switch enables individual fixtures to be switched for servicing

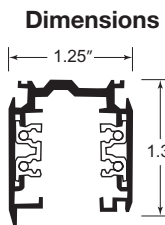
**Installation** May be installed in linear or grid configurations • Track sections can be cut in the field

**Mounting** May be mounted directly to hard ceiling using suitable anchors (supplied by others) at pre-drilled mounting holes or using SKB10 Mounting Clip and integral suspension rail • May be mounted to T-bar ceiling using appropriate SKBT12 or SKBX12 Mounting Clips and integral suspension rail • Can also be suspended from ceilings using SPUS Pendant Stem Kits, SKB34 Cable Suspension Kits or 1/4"-20 threaded rod (by others) • Mounting points should be spaced no further than 4' apart and within 6" of any track feed point, junction or end point.

### Track Sections



Catalog #	Finish	Description
<b>TEK4 4FT WH</b>	White	4' Track section.
<b>TEK4 4FT BL</b>	Black	2-circuit, 120V, 48" length
<b>TEK4 8FT WH</b>	White	8' Track section.
<b>TEK4 8FT BL</b>	Black	2-circuit, 120V, 96" length
<b>TEK4 12FT WH</b>	White	12' Track section.
<b>TEK4 12FT BL</b>	Black	2-circuit, 120V, 144" length



### Connectors



End Feed - Left Polarity

Catalog #	Finish	Description
<b>TEK11 WH</b>	White	Enables feeding of TEK Track from top. Use as Conduit End Feed also.
<b>TEK11 BL</b>	Black	



End Feed - Right Polarity

Catalog #	Finish	Description
<b>TEK12 WH</b>	White	Enables feeding of TEK Track from top. Use as Conduit End Feed also.
<b>TEK12 BL</b>	Black	



Center Feed

Catalog #	Finish	Description
<b>TEK14 WH</b>	White	Joins two TEK Track sections in-line both electrically and mechanically. Enables feeding of TEK Track from top at intersection.
<b>TEK14 BL</b>	Black	




Miniature Straight Connector

Catalog #	Finish	Description
<b>TEK21 WH</b>	White	Joins two TEK Track sections in-line both electrically and mechanically.
<b>TEK21 BL</b>	Black	


# HD Commercial Track | Track System Components

## Connectors

### Connectors

	<b>Catalog #</b> <b>TEK11CL WH</b> <b>TEK11CL BL</b>	<b>Finish</b> White Black	<b>Description</b> Enables feeding of TEK Track from top. Requires one or two TEKCL Current Limiters to provide track current limiting per national, state and local energy codes.
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Current Limiting  
End Feed - Left Polarity

	<b>Catalog #</b> <b>TEK12CL WH</b> <b>TEK12CL BL</b>	<b>Finish</b> White Black	<b>Description</b> Enables feeding of TEK Track from top. Requires one or two TEKCL Current Limiters to provide track current limiting per national, state and local energy codes.
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Current Limiting  
End Feed - Right Polarity



### Plug-In Current Limiters

For use with TEK11CL or TEK12CL Current Limiting End Feeds


Catalog #	Finish	Description	Wattage
<b>TCLCB 0.5A WHT</b>	White	0.5A Current Limiting Circuit Breaker	60W
<b>TCLCB 0.5A BLCK</b>	Black		
<b>TCLCB 1A WHT</b>	White	1A Current Limiting Circuit Breaker	120W
<b>TCLCB 1A BLCK</b>	Black		
<b>TCLCB 2A WHT</b>	White	2A Current Limiting Circuit Breaker	240W
<b>TCLCB 2A BLCK</b>	Black		
<b>TCLCB 3A WHT</b>	White	3A Current Limiting Circuit Breaker	360W
<b>TCLCB 3A BLCK</b>	Black		
<b>TCLCB 4A WHT</b>	White	4A Current Limiting Circuit Breaker	480W
<b>TCLCB 4A BLCK</b>	Black		
<b>TCLCB 5A WHT</b>	White	5A Current Limiting Circuit Breaker	600W
<b>TCLCB 5A BLCK</b>	Black		
<b>TCLCB 6A WHT</b>	White	6A Current Limiting Circuit Breaker	720W
<b>TCLCB 6A BLCK</b>	Black		
<b>TCLCB 7A WHT</b>	White	7A Current Limiting Circuit Breaker	840W
<b>TCLCB 7A BLCK</b>	Black		
<b>TCLCB 8A WHT</b>	White	8A Current Limiting Circuit Breaker	960W
<b>TCLCB 8A BLCK</b>	Black		
<b>TCLCB 9A WHT</b>	White	9A Current Limiting Circuit Breaker	1080W
<b>TCLCB 9A BLCK</b>	Black		
<b>TCLCB 10A WHT</b>	White	10A Current Limiting Circuit Breaker	1200W
<b>TCLCB 10A BLCK</b>	Black		
<b>TCLCB 12A WHT</b>	White	12A Current Limiting Circuit Breaker	1440W
<b>TCLCB 12A BLCK</b>	Black		
<b>TCLCB 14A WHT</b>	White	14A Current Limiting Circuit Breaker	1680W
<b>TCLCB 14A BLCK</b>	Black		

	<b>Catalog #</b> <b>TEK24 WH</b> <b>TEK24 BL</b>	<b>Finish</b> White Black	<b>Description</b> Capable of joining two TEK Track sections at 90° to 180°. Ideal for applications where using an "L" connector is not practical; also useful for installing track around curved architectural details.
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Adjustable Connector

	<b>Catalog #</b> <b>TEK34 WH</b> <b>TEK34 BL</b>	<b>Finish</b> White Black	<b>Description</b> Joins TEK Track sections to make a 90° angle with continued electrical feed. May be used to feed TEK Track from top.
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90° "L" Connector

	<b>Catalog #</b> <b>TEK38 WH</b> <b>TEK38 BL</b>	<b>Finish</b> White Black	<b>Description</b> Joins four TEK Track sections to make an "X" intersection with continued electrical feed. May be used to feed TEK Track from top.
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"X" Connector

	<b>Catalog #</b> <b>TEK39 WH</b> <b>TEK39 BL</b>	<b>Finish</b> White Black	<b>Description</b> Joins three TEK Track sections to make a "T" intersection with continued electrical feed. May be used to feed TEK Track from top.
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"T" Connector -  
Adjustable Right Polarity


	<b>Catalog #</b> <b>TEK40 WH</b> <b>TEK40 BL</b>	<b>Finish</b> White Black	<b>Description</b> Joins three TEK Track sections to make a "T" intersection with continued electrical feed. May be used to feed TEK Track from top.
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"T" Connector -  
Adjustable Left Polarity

# HD Commercial Track | Track System Components


## Connectors and Accessories


### Connectors (cont)


	Catalog #	Finish	Description
 Dead End	<b>TEK41 WH</b>	White	Not supplied with TEK Track sections – must be ordered separately.
	<b>TEK41 BL</b>	Black	


	Catalog #	Finish	Description
 Outlet Box Cover	<b>GES15 WH</b>	White	Thermoplastic outlet box cover for use when feeding TEK Track directly over outlet box using TEK11, TEK12, TEK14, TEK34, TEK38, TEK39 or TEK40.
	<b>GES15 BL</b>	Black	


### Accessories

	Catalog #	Finish	Description
 Mounting Bracket	<b>SKB10 WH</b>	White	For mounting track direct to ceiling.
	<b>SKB10 BL</b>	Black	


	Catalog #	Finish	Description
 Mounting Bracket	<b>SKBT12 WH</b>	White	For mounting track to 15/16" flush tile T-bar ceiling.
	<b>SKBT12 BL</b>	Black	

	Catalog #	Finish	Description
 Mounting Bracket	<b>SKBX12 WH</b>	White	For mounting track to 15/16" drop tile recessed T-bar ceiling.
	<b>SKBX12 BL</b>	Black	

	Catalog #	Finish	Description
 Ceiling Cup Kit	<b>SKB30 WH</b>	White	Use to suspend TEK Track from the ceiling when using steel cable or threaded rod. Included bracket provides suspension attachment point and ceiling cup covers the bracket for an aesthetically pleasing result. Combine with SP4P and SKB34 or 1/4"-20 threaded rod (supplied by others) for a complete suspension solution.
	<b>SKB30 BL</b>	Black	

	Catalog #	Length	Description
 Suspension Cable Kit	<b>SKB34 5FT</b>	5ft. cable	Use to suspend TEK Track from the ceiling with supplied 5' or 9' steel cable. Includes cable and cable adjustment fitter. Combine with SP4P and SKB30 for a complete suspension solution.
	<b>SKB34 9FT</b>	9ft. cable	

Use to suspend TEK Track from the ceiling. Combine with SP4P for suspension-only points. Mounts to ceiling j-box. Available in 12", 18", 24" and 48" lengths.



	Catalog #	Finish	Description
 Mounting Stem Kit	<b>SPUS 12IN WH</b>	White	12" stem length
	<b>SPUS 12IN BL</b>	Black	
	<b>SPUS 18IN WH</b>	White	18" stem length
	<b>SPUS 18IN BL</b>	Black	
	<b>SPUS 24IN WH</b>	White	24" stem length
	<b>SPUS 24IN BL</b>	Black	
	<b>SPUS 48IN WH</b>	White	48" stem length
	<b>SPUS 48IN BL</b>	Black	



# HD Commercial Track | Track System Components

## Accessories and Compatible Fixtures

### Accessories (cont)

	<b>Catalog #</b> <b>SP4P WH</b> <b>SP4P BL</b>	<b>Finish</b> White Black	<b>Description</b> Use with SPUS Stem Kit or SKB34 Cable Kit or 1/4"-20 threaded rod (supplied by others) to suspend TEK Track except at feed or connection points.
Universal Suspension Coupler			
	<b>Catalog #</b> <b>XTSV12</b>	<b>Description</b> All-in-one hand tool bends the track conductors and measures the correct length to ensure proper electrical contact when track sections are cut in the field.	
Track Conductor Bending Tool			

### TEK HD Commercial Track Compatible Fixtures

A variety of Juno Trac fixture designs can be adapted to operate with the Juno TEK HD Commercial Track system. Each fixture has a factory-assembled 2-circuit track adapter that is uniquely keyed to the 120V HD Commercial Track system. To order, simply follow the Series with the "TEK" Mounting Adapter Type option in the standard fixture catalog number to indicate fixtures for use with the TEK HD Commercial Track system.

**Compatible fixture families include (consult factory for additional choices):**

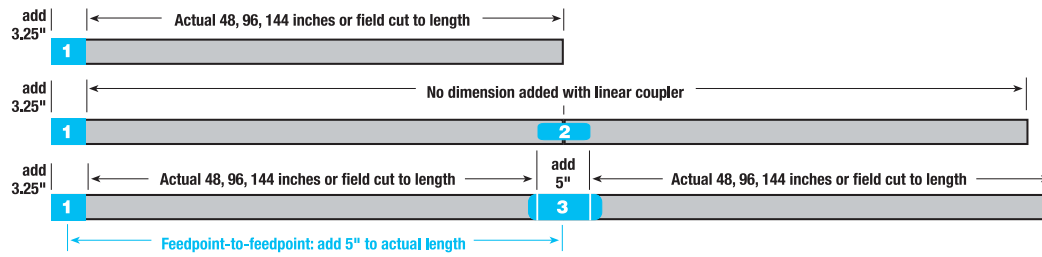
- R610L, R612L** Integral Driver LED Cylinders
- R620L** Adjustable Beam LED Cylinder
- T254L, T255L** LED Cylindra
- T256L, T257L, T258L, T259L, T260L** LED Flood/Wall Washers
- T261L, T262L, T263L, T265L, T267L** LED Conix II Series
- T271L, T272L** LED Arc Series
- T283L, T285L, T286L** LED Cylinders with Integral Driver
- T381L, T382L, T383L, T385L, T387L, T388L** LED Vertical Cylinder Series
- T690** Open Back Gimbals (Front Loading)
- T1020, T1030, T1031S, T1038** Die Cast Gimbals

Ordering Examples: "**T261L G3 30K 80CRI PDIM SP BL**" becomes "**T261L TEK G3 30K 80CRI PDIM SP BL**" and "**T1030 E26 75W WH**" becomes "**T1030 TEK E26 75W WH**"

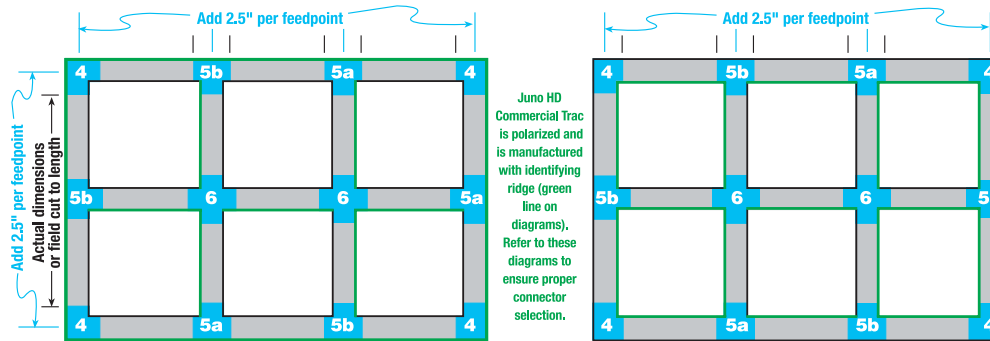
# HD Commercial Track | Track System Components

## Track Configurations

### Possible Track Configuration & Recommended Components



1. **TEK11** End Feed (left) - standard  
**TEK12** End Feed (right)  
 (used for conduit feed also)
2. **TEK21** Miniature Straight Connector
3. **TEK14** Center Feed



4. **TEK34** 90° "L" Connector  
 (adjustable universal polarity)
- 5a. **TEK39** "T" Connector  
 (adjustable right polarity)
- 5b. **TEK40** "T" Connector  
 (adjustable left polarity)
6. **TEK38** "X" Connector

# HD Commercial Track | Track System Components

## 277V, 2-Circuit/2-Neutral Track System



### Description

Juno HD Commercial 2-Circuit/2-Neutral Track is ideal for dimming intensive applications. The independent neutrals guarantee that the two circuits are completely isolated. The potential for cross-circuit interference and neutral harmonics is completely eliminated to ensure trouble-free dimming. The HD Commercial 2-Circuit/2-Neutral Track's extruded aluminum construction and continuously crimped conductors ensure mechanical strength and electrical reliability. Its integral suspension rail and pre-drilled mounting holes simplify installation. A wide variety of Juno Trac fixtures may be specified for use with the HD Commercial Track system.

**Labels** UL Listed • cUL Listed • Current Limiting Feeds approved by the California Energy Commission to meet requirements of Title 24 • Current Limiting Feeds comply with ASHRAE 90.1 and IECC Section 805.5.1.4 for track current limiting.

### Features

**Construction** Rugged, heavy gauge extruded aluminum channel • Integral polarity ridge ensures proper connector and fixture installation

**Electrical** Each circuit is rated for 20 Amp, 277 Volt operation  
• Track extrusion serves as 100% capacity ground

**Fixture Adapter** Supplied with track fixture • Integrally polarized construction to prevent reverse installation – only allows insertion in proper orientation • Rotary circuit selector enables simple switching between circuits • Integral on/off switch enables individual fixtures to be switched for servicing

**Installation** May be installed in linear or grid configurations  
• Track sections can be cut in the field

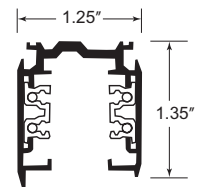
**Mounting** May be mounted directly to hard ceiling using suitable anchors (supplied by others) at pre-drilled mounting holes or using SKB10 Mounting Clip and integral suspension rail • May be mounted to T-bar ceiling using appropriate SKBT12 or SKBX12 Mounting Clips and integral suspension rail • Can also be suspended from ceilings using SPUS Pendant Stem Kits, SKB34 Cable Suspension Kits or 1/4"-20 threaded rod (by others) • Mounting points should be spaced no further than 4' apart and within 6" of any track feed point, junction or end point.

### Track Sections



Catalog #	Finish	Description
HTEK4 4FT WH	White	4' Track section.
HTEK4 4FT BL	Black	2-circuit, 277V, 48" length
HTEK4 8FT WH	White	8' Track section.
HTEK4 8FT BL	Black	2-circuit, 277V, 96" length
HTEK4 12FT WH	White	12' Track section.
HTEK4 12FT BL	Black	2-circuit, 277V, 144" length

### Dimensions



### Connectors



End Feed - Left Polarity

Catalog #	Finish	Description
HTEK11 WH	White	Enables feeding of HTEK Track from top. Use as Conduit End Feed also.
HTEK11 BL	Black	



End Feed - Right Polarity

Catalog #	Finish	Description
HTEK12 WH	White	Enables feeding of HTEK Track from top. Use as Conduit End Feed also.
HTEK12 BL	Black	



Center Feed

Catalog #	Finish	Description
HTEK14 WH	White	Joins two HTEK Track sections in-line both electrically and mechanically. Enables feeding of HTEK Track from top at intersection.
HTEK14 BL	Black	




Miniature Straight Connector

Catalog #	Finish	Description
HTEK21 WH	White	Joins two HTEK Track sections in-line both electrically and mechanically.
HTEK21 BL	Black	


# HD Commercial Track | Track System Components

## Connectors


### Connectors


	<b>Catalog #</b> <b>HTEK11CL WH</b> <b>HTEK11CL BL</b>	<b>Finish</b> White Black	<b>Description</b> Enables feeding of HTEK Track from top. Requires one or two HTEKCL Current Limiters to provide track current limiting per national, state and local energy codes.
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Current Limiting End Feed - Left Polarity


	<b>Catalog #</b> <b>HTEK12CL WH</b> <b>HTEK12CL BL</b>	<b>Finish</b> White Black	<b>Description</b> Enables feeding of HTEK Track from top. Requires one or two HTEKCL Current Limiters to provide track current limiting per national, state and local energy codes.
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Current Limiting End Feed - Right Polarity


	For use with HTEK11CL or HTEK12CL Current Limiting End Feeds			
Plug-in Current Limiters	<b>Catalog #</b>	<b>Finish</b>	<b>Description</b>	<b>Wattage</b>
	<b>HTCLCB 0.5A WHT</b>	White	0.5A Current Limiting Circuit Breaker	138W
	<b>HTCLCB 0.5A BLCK</b>	Black		
	<b>HTCLCB 1A WHT</b>	White	1A Current Limiting Circuit Breaker	277W
	<b>HTCLCB 2.5A WHT</b>	White	2.5A Current Limiting Circuit Breaker	692W
	<b>HTCLCB 2.5A BLCK</b>	Black		
	<b>HTCLCB 5A WHT</b>	White	5A Current Limiting Circuit Breaker	1385W
	<b>HTCLCB 5A BLCK</b>	Black		
<b>HTCLCB 7.5A WHT</b>	White	7.5A Current Limiting Circuit Breaker	2077W	
<b>HTCLCB 7.5A BLCK</b>	Black			
<b>HTCLCB 10A WHT</b>	White	10A Current Limiting Circuit Breaker	2770W	
<b>HTCLCB 10A BLCK</b>	Black			
<b>HTCLCB 15A WHT</b>	White	15A Current Limiting Circuit Breaker	4155W	
<b>HTCLCB 15A BLCK</b>	Black			

	<b>Catalog #</b> <b>HTEK24 WH</b> <b>HTEK24 BL</b>	<b>Finish</b> White Black	<b>Description</b> Capable of joining two HTEK Track sections at 90° to 180°. Ideal for applications where using an “L” connector is not practical; also useful for installing track around curved architectural details.
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Adjustable Connector

	<b>Catalog #</b> <b>HTEK34 WH</b> <b>HTEK34 BL</b>	<b>Finish</b> White Black	<b>Description</b> Joins HTEK Track sections to make a 90° angle with continued electrical feed. May be used to feed HTEK Track from top.
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90° “L” Connector

	<b>Catalog #</b> <b>HTEK38 WH</b> <b>HTEK38 BL</b>	<b>Finish</b> White Black	<b>Description</b> Joins four HTEK Track sections to make an “X” intersection with continued electrical feed. May be used to feed HTEK Track from top.
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“X” Connector

	<b>Catalog #</b> <b>HTEK39 WH</b> <b>HTEK39 BL</b>	<b>Finish</b> White Black	<b>Description</b> Joins three HTEK Track sections to make a “T” intersection with continued electrical feed. May be used to feed HTEK Track from top.
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“T” Connector - Adjustable Right Polarity


	<b>Catalog #</b> <b>HTEK40 WH</b> <b>HTEK40 BL</b>	<b>Finish</b> White Black	<b>Description</b> Joins three HTEK Track sections to make a “T” intersection with continued electrical feed. May be used to feed HTEK Track from top.
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“T” Connector - Adjustable Left Polarity


# HD Commercial Track | Track System Components

## Connectors and Accessories

### Connectors (cont)


	<b>Catalog #</b> HTEK41 WH HTEK41 BL	<b>Finish</b> White Black	<b>Description</b> Not supplied with HTEK Track sections – must be ordered separately.
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Dead End


	<b>Catalog #</b> GES15 WH GES15 BL	<b>Finish</b> White Black	<b>Description</b> Thermoplastic outlet box cover for use when feeding HTEK Track directly over outlet box using HTEK11, HTEK12, HTEK14, HTEK34, HTEK38, HTEK39 or HTEK40.
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Outlet Box Cover


### Accessories

	<b>Catalog #</b> SKB10 WH SKB10 BL	<b>Finish</b> White Black	<b>Description</b> For mounting track direct to ceiling.
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Mounting Bracket

	<b>Catalog #</b> SKBT12 WH SKBT12 BL	<b>Finish</b> White Black	<b>Description</b> For mounting track to 15/16" flush tile T-bar ceiling.
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Mounting Bracket

	<b>Catalog #</b> SKBX12 WH SKBX12 BL	<b>Finish</b> White Black	<b>Description</b> For mounting track to 15/16" drop tile recessed T-bar ceiling.
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Mounting Bracket

	<b>Catalog #</b> SKB30 WH SKB30 BL	<b>Finish</b> White Black	<b>Description</b> Use to suspend HTEK Track from the ceiling when using steel cable or threaded rod. Included bracket provides suspension attachment point and ceiling cup covers the bracket for an aesthetically pleasing result. Combine with SP4P and SKB34 or 1/4"-20 threaded rod (supplied by others) for a complete suspension solution.
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Ceiling Cup Kit

	<b>Catalog #</b> SKB34 5FT SKB34 9FT	<b>Length</b> 5ft. cable 9ft. cable	<b>Description</b> Use to suspend HTEK Track from the ceiling with supplied 5' or 9' steel cable. Includes cable and cable adjustment fitter. Combine with SP4P and SKB30 for a complete suspension solution.
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Suspension Cable Kit



	Use to suspend HTEK Track from the ceiling. Combine with SP4P for suspension-only points. Mounts to ceiling j-box. Available in 12", 18", 24" and 48" lengths.		
	<b>Catalog #</b>	<b>Finish</b>	<b>Description</b>
	SPUS 12IN WH SPUS 12IN BL	White Black	12" stem length
	SPUS 18IN WH SPUS 18IN BL	White Black	18" stem length
	SPUS 24IN WH SPUS 24IN BL	White Black	24" stem length
	SPUS 48IN WH SPUS 48IN BL	White Black	48" stem length

Mounting Stem Kit

# HD Commercial Track | Track System Components

## Accessories and Compatible Fixtures

### Accessories (cont)

	<b>Catalog #</b> <b>SP4P WH</b> <b>SP4P BL</b>	<b>Finish</b> White Black	<b>Description</b> Use with SPUS Stem Kit or SKB34 Cable Kit or 1/4"-20 threaded rod (supplied by others) to suspend HTEK Track except at feed or connection points.
Universal Suspension Coupler			
	<b>Catalog #</b> <b>XTSV12</b>		<b>Description</b> All-in-one hand tool bends the track conductors and measures the correct length to ensure proper electrical contact when track sections are cut in the field.
Track Conductor Bending Tool			

### HTEK HD Commercial Track Compatible Fixtures

A variety of Juno Trac fixture designs can be adapted to operate with the Juno HTEK HD Commercial Track system. Each fixture has a factory-assembled 2-circuit track adapter that is uniquely keyed to the 277V HD Commercial Track system. To order, simply follow the Series with the "HTEK" Mounting Adapter Type option and the "OFF" Dimming Compatibility option instead of "PDIM" in the standard fixture catalog number to indicate fixtures for use with the HTEK HD Commercial Track system.

**Compatible fixture families include (consult factory for additional choices):**

**R610L, R612L** Integral Driver LED Cylinders

**T255L** LED Cylindra

**T256L, T257L, T258L, T259L, T260L** LED Flood/Wall Washers

**T261L, T262L, T263L, T265L, T267L** LED Conix II Series

**T283L, T285L, T286L** LED Cylinders with Integral Driver

**T381L, T382L, T383L, T385L, T387L, T388L** LED Vertical Cylinder Series

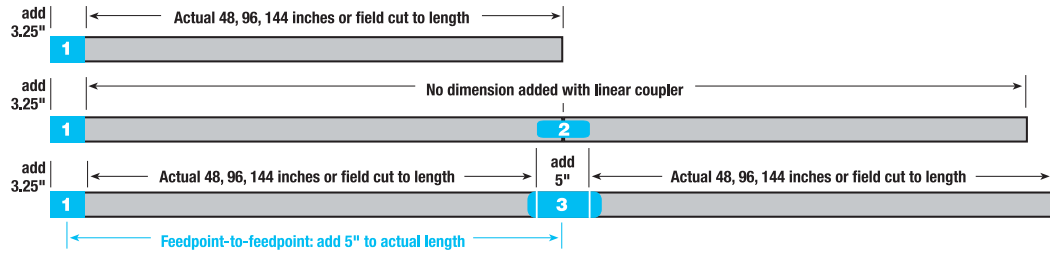
Ordering Example: "T261L G3 30K 80CRI PDIM SP BL" becomes "T261L HTEK G3 30K 80CRI OFF SP BL".



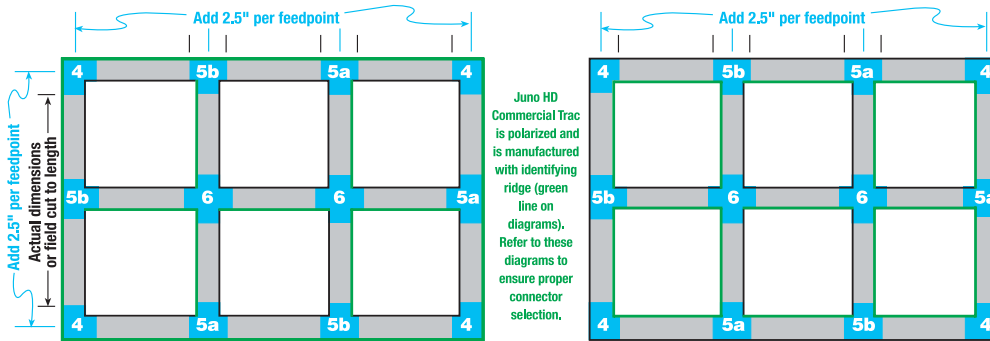
# HD Commercial Track | Track System Components

## Track Configurations

### Possible Track Configuration & Recommended Components



1. **HTEK11** End Feed (left) - standard  
**HTEK12** End Feed (right)  
(used for conduit feed also)
2. **HTEK21** Miniature Straight Connector
3. **HTEK14** Center Feed



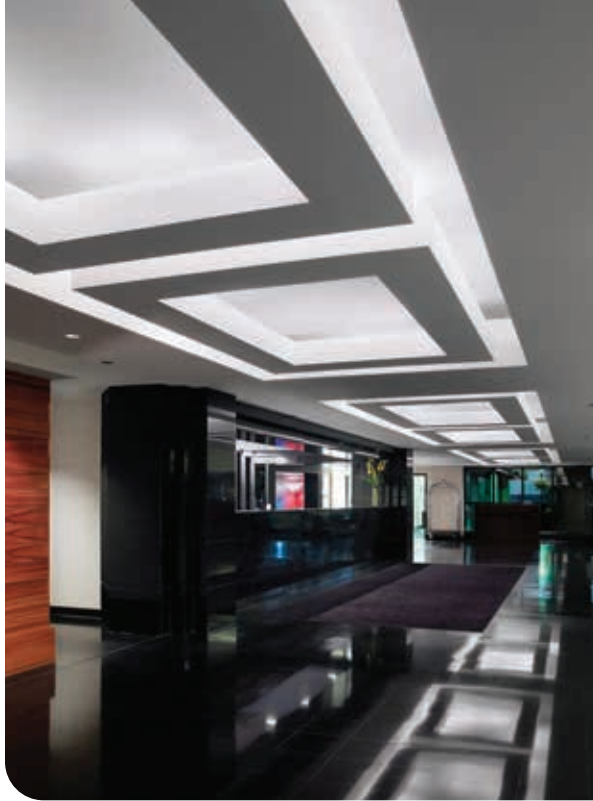
4. **HTEK34** 90° "L" Connector  
(adjustable universal polarity)
- 5a. **HTEK39** "T" Connector  
(adjustable right polarity)
- 5b. **HTEK40** "T" Connector  
(adjustable left polarity)
6. **HTEK38** "X" Connector



Art Hotel, Denver, CO (Astula Inc./Raul J. Garcia Photography)

# Trac 12™

## Supremely versatile track-based lighting



Westin River North, Chicago, IL (Picture Boy Photography)

**Linear Lighting** Thanks to its ultra-slim profile, Trac 12™ can be easily installed in coves, cabinetry, and casework displays to produce uniform linear lighting. Variable spacing of either LED modules or xenon lamp holders permits on-site fine tuning to create even illumination at the desired light intensity.

**Spotlighting** Trac 12 is easily integrated into displays, low soffits, and ceilings or can be pendant-suspended for dramatic accent lighting. The diminutive dimensions of Trac 12 allow it to squeeze into tight spaces inaccessible to standard-size, line voltage track systems. Trac 12 is powered by remote low voltage transformers, eliminating the need for transformers at each fixture. This can be helpful in meeting today's stringent energy codes, since power calculations are typically based on the capacity of the transformers, rather than the linear feet of installed track.

**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.

### Trac 12 Linear WarmDim® LED Modules

Trac 12 WarmDim LED Linear Lighting Modules gradually shift to warmer color temperatures as they dim, to capture the warmth and ambiance previously achieved only with incandescent dimming. They do not require a complex dimming system or expensive custom drivers – they operate using standard Trac 12 LED-compatible transformers and most widely available wall box dimmers. Infinitely adjustable module spacing enables the fine tuning of illumination in the field. They are compatible with standard Juno® Trac 12™ and Trac 12/25 track systems, operating at 12VAC, and approximate the light output and distribution of 7W xenon lamps while consuming just 15% of the energy.



#### Catalog #

TL214LED 27KWD 90CRI

#### Initial Color Temp.

Approx. 2700K

#### Watts

1.1

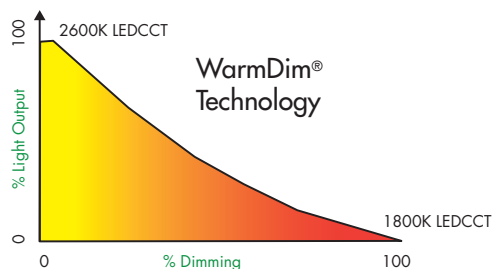
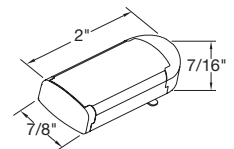
#### Lumens

43

#### Maximum Lumens/Ft.

258

#### Dimensions



The product and system may be covered by the following United States patents: D579,144; US5,334,037

## Trac 12™ | Linear LED Modules

### White-Light

#### Trac 12 Low Power LED Modules

Miniature LED modules approximate the lumen output and light distribution of 5 to 10-watt xenon lamps, using 1/8 the energy and providing a rated life of 50,000-hours. Producing up to 478 lumens per foot, the 90 CRI white-light modules are compatible with standard Trac 12™ and Trac 12/25 track operating at 12VAC. The modules can be placed anywhere on the track, and the track can be cut to length during installation, making the TL214LED Series a uniquely flexible linear lighting solution.



#### Catalog #

**TL214LED 27K 90CRI**  
**TL214LED 30K 90CRI**  
**TL214LED 35K 90CRI**  
**TL214LED 40K 90CRI**

#### Watts

1.5  
1.5  
1.5  
1.5

#### Color Temp.

2700K  
3000K  
3500K  
4000K

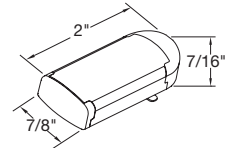
#### Lumens

76  
78  
79  
80

#### Maximum Lumens/Ft.

456  
470  
472  
478

#### Dimensions



Westin River North, Chicago, IL (Picture Boy Photography)



## Trac 12™ | Linear Lighting Lampholders

### Xenon Wedge Base

#### Wedge Base Lampholders

Wedge base lampholders are an economical choice for linear lighting applications. They have a minimal profile and produce bright, uniform illumination. They are compatible with wedge base lamps that are 10W or less and T3-1/4 size or smaller including xenon, LED, etc. Xenon lamps emit a white light that approximates the color of halogen, but have up to a 20,000-hour lamp life and do not require fixture lenses or special handling.



#### Catalog #

TL201 WH  
TL201 BL

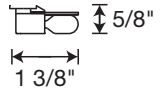
#### Finish

White  
Black

#### Lamp

One 12V or 24V, 10W max.  
T3-1/4 wedge base lamp

#### Dimensions



#### T3-1/4 Xenon Wedge Base Lamps

Catalog #	Watts	Volts	Clear/ Frosted	Rated Lumens
TL900 CLR	3	12	Clear	15
TL901 CLR	5	12	Clear	33
TL903 CLR	10	12	Clear	83

Catalog #	Watts	Volts	Clear/ Frosted	Rated Lumens
TL905 FRST 24	5	24	Frosted	29
TL910 FRST 24	10	24	Frosted	91





## Trac 12™ | LED Spotlight

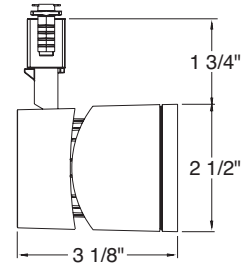
### Contemporary Cylinder

#### Contemporary Cylinder

The classic appearance of the TL381L, Trac 12™ LED Cylinder fixture offers a fresh take on the traditional aesthetic. This 13W LED Cylinder spotlight approximates the light output and distribution of 75W MR16 halogen lamps (up to 905 lumens), using less than one-fifth the energy and has a rated life of 50,000-hours. Available in 4 color temperatures and 80 or 90 CRI versions, the white-light LED Cylinder is compatible with standard Trac 12 track, operating with 12-volt AC power. The TL381L can be placed anywhere along the track, and the track can be cut to length during installation.



#### Dimensions



#### Ordering Information

Ordering Example: TL381L 27K 80CRI SP WH

Series	Color Temperature	Color Rendering Index	Distribution	Finish
<b>TL381L</b> 13W Integral Driver LED Cylinder	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K	<b>80CRI</b> 80 CRI <b>90CRI</b> 90 CRI (2700K & 3000K only)	<b>SP</b> Spot <b>NFL</b> Narrow Flood <b>FL</b> Flood	<b>BL</b> Black <b>WH</b> White

#### Accessories

For Fixtures	TL381L
Color Filters	<b>CGF 200</b>
Dichroic Filters	<b>DGF 200</b>
Dichroic Color Correction Filters	<b>DCCF 200</b>
Diffusion Lens	<b>DIFF 200</b>
Uniformity Lens	<b>SOLITE 200</b>
UV Filter	<b>UVF 200</b>
Prismatic Spread Lens	<b>PRISM 200</b>
Linear Spread Lens	<b>LSPREAD 200</b>
Hexcell Louver	<b>HCLBL 200</b>
Snoot	<b>SNOOTBL 200</b>

## Trac 12™ | LED Spotlight

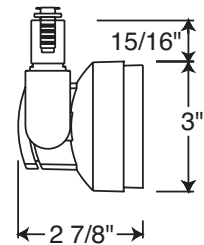
### Cylindra™

#### Cylindra™

The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. The Trac 12 Cylindra 13W LED spotlight approximates the light output and distribution of 75W MR16 halogen lamps (up to 985 lumens), utilizing less than 1/5 of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. An optional high CRI version is available in 2700K or 3000K with a minimum 90 CRI. The white-light Cylindra LED is compatible with standard Trac 12 and Trac 12/25 track, operating with 12V AC power. The TL252L can be placed anywhere along the track, and the track can be cut-to-length during installation, making it an economical and flexible accent lighting choice. Cylindra's integral, bayonet-mounted accessory holder accommodates one accessory if desired.



#### Dimensions



#### Ordering Information

#### Ordering Example: TL252L 27K 80CRI NFL BL

Series	Color Temperature	Color Rendering Index	Distribution	Finish
<b>TL252L</b> 13W Cylindra LED	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K	<b>80CRI</b> 80 CRI <b>90CRI</b> 90 CRI (2700K & 3000K only)	<b>SP</b> Spot <b>NFL</b> Narrow Flood <b>FL</b> Flood	<b>BL</b> Black <b>WH</b> White

#### Accessories

For Fixtures	<b>TL252L</b>
Color Filters	<b>CGF 200</b>
Dichroic Filters	<b>DGF 200</b>
Dichroic Color Correction Filters	<b>DCCF 200</b>
Diffusion Lens	<b>DIFF 200</b>
Uniformity Lens	<b>SOLITE 200</b>
UV Filter	<b>UVF 200</b>
Prismatic Spread Lens	<b>PRISM 200</b>
Linear Spread Lens	<b>LSPREAD 200</b>
Hexcell Louver	<b>HCLBL 200</b>
Snoot	<b>SNOOTBL 200</b>

## Trac 12™ | LED Mini-Spotlights

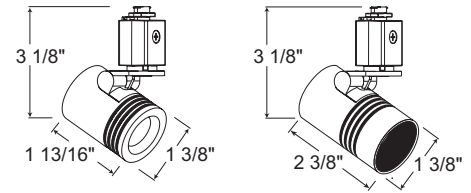
### Mini-Cylinder Spotlights

#### Mini-Cylinder Spotlights

The Trac 12 LED Mini-Cylinder Spotlights offer effective accent lighting in a miniature, energy-efficient package. They approximate the light output and distribution of 20W MR11 halogen lamps (up to 344 lumens), utilizing approximately 1/3 of the energy and providing more than 10 times the rated life. Unlike halogen light sources, LEDs produce no IR or UV emissions – this makes them an ideal choice when illuminating heat-sensitive or UV-sensitive objects. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light LED Mini-Cylinder Spotlights are compatible with standard Trac 12 systems operating with 12V AC transformers approved for use with Juno LED products. These fixtures can be placed anywhere along the track, and the track can be cut-to-length during installation, making the LED Mini-Cylinder Spotlights a versatile accent lighting choice.



#### Dimensions



#### Ordering Information

#### Ordering Example: TL114 G2 27K 80CRI SP WH

Series	Generation	Color Temperature	Color Rendering Index	Distribution	Finish	Optional Factory Installed Snoot
<b>TL114</b> 6W Quick Jack LED Mini-Cylinder Spotlight	<b>G2</b> Gen. 2	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K	<b>80CRI</b> 80 CRI <b>90CRI</b> 90 CRI	<b>SP</b> Spot <b>NFL</b> Narrow Flood <b>FL</b> Flood	<b>BL</b> Black <b>WH</b> White	<b>TMCSNOOTBL</b> Mini-Cylinder Snoot - Black <b>TMCSNOOTWH</b> Mini-Cylinder Snoot - White

#### Accessories

Snoot - Black	<b>TMCSNOOTBL</b>
Snoot - White	<b>TMCSNOOTWH</b>

## Trac 12™ | MR16 Lampholders

### Lily16

#### Lily16

Constructed with a semi-open design, this series provides for improved airflow around the lamp, leading to better cooling and optimized LED lamp life. They may also be used with MR16 halogen lamps with integral cover glass.



#### Catalog #

TL1040 WH  
TL1040 BL

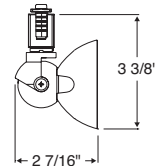
#### Finish

White  
Black

#### Lamp

12V or 24V, 50W max.

#### Dimensions



# Trac 12™ | MR16 Lampholders

## Cylindra™

### Cylindra™

Applying a new twist to a traditional design, Cylindra Series offers a unique, contemporary aesthetic based on a step cylinder fixture platform. Gentle arcs elegantly blend with bold edges to provide a unique yet timeless visual appeal. The Cylindra Trac 12 low voltage is designed to use 50W MR16 halogen lamps. Each Cylindra fixture is supplied with an integral bayonet-mount media cartridge that is designed to simultaneously accept up to two light control accessories.



#### Catalog #

**TL141 WH**  
**TL141 BL**

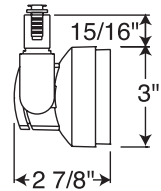
#### Finish

White  
Black

#### Lamp

12V or 24V 50W max. MR16

#### Dimensions



### Accessories

For Fixtures	TL141
Color Filters	<b>CGF 200</b>
Dichroic Filters	<b>DGF 200</b>
Dichroic Color Correction Filters	<b>DCCF 200</b>
Diffusion Lens	<b>DIFF 200</b>
Uniformity Lens	<b>SOLITE 200</b>
UV Filter	<b>UVF 200</b>
Prismatic Spread Lens	<b>PRISM 200</b>
Linear Spread Lens	<b>LSPREAD 200</b>
Hexcell Louver	<b>HCLBL 200</b>
Snoot	<b>SNOOTBL 200</b>

# Trac 12™ | MR16 Lampholders

## Gimbal Rings

### Gimbal Rings

Choose the basic single yoke or the more elegant sculpted dual yoke design.

Image	Catalog #	Finish	Lamp	Dimensions
	<b>TL196 WH</b> <b>TL196 BL</b>	White Black	12V or 24V 50W max. MR16	
	<b>TL296 WH</b> <b>TL296 BL</b>	White Black	12V or 24V 50W max. MR16	

Accessories	
For Fixtures	TL196, TL296
Hexcell Louver	HCLBL 175

The product and system may be covered by the following United States patent: D395,140



# Trac 12™ | System Components

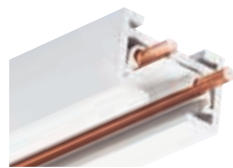
## Trac 12/25 Low Voltage Track System

### Trac 12/25 Low Voltage Track System

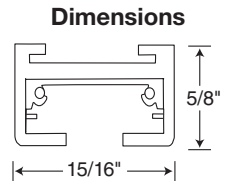
The Trac 12/25 system combines the 25-amp capacity of 10-gauge conductors with a miniature rigid profile that can be surface mounted or pendant suspended. The system operates using remotely located 12-volt or 24-volt transformers. A maximum of 300 watts (12 volts) or 600 watts (24 volts) can be placed 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


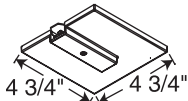

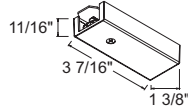

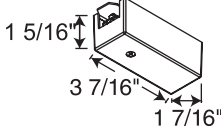

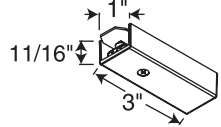

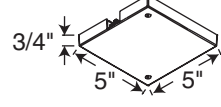

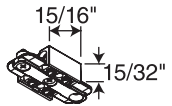

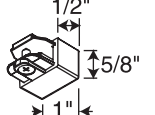


Catalog #	Finish	Description
<b>TLVR 2FT WH</b>	White	2' track (actual length 20 5/8")
<b>TLVR 2FT BL</b>	Black	
<b>TLVR 4FT WH</b>	White	4' track (actual length 44 5/8")
<b>TLVR 4FT BL</b>	Black	
<b>TLVR 6FT WH</b>	White	6' track (actual length 68 5/8")
<b>TLVR 6FT BL</b>	Black	
<b>TLVR 8FT WH</b>	White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



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


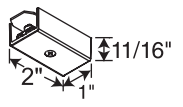

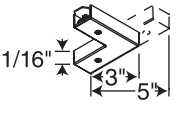

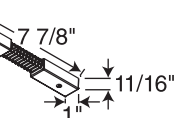

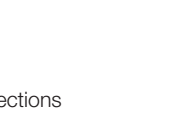
### Electrical Feeds and Dead End

Image	Catalog #	Finish	Description	Dimensions
 End Feed Connector and Outlet Box Cover	<b>TLR21 WH</b> <b>TLR21 BL</b>	White Black	<ul style="list-style-type: none"> <li>• Allows track to be fed via remote transformer from an outlet box</li> <li>• Includes terminal block, cover and mounting plate</li> </ul>	
 End Feed Connector	<b>TLR38 WH</b> <b>TLR38 BL</b>	White Black	<ul style="list-style-type: none"> <li>• Allows track to be fed via remote transformer from above using standard 1/2" electrical connector</li> <li>• Includes terminal block feed connector and cover</li> </ul>	
 End Feed Connector and Conduit Feed	<b>TLR34 WH</b> <b>TLR34 BL</b>	White Black	<ul style="list-style-type: none"> <li>• Allows track to be fed via remote transformer with conduit through the end or top using standard 1/2" electrical connector</li> <li>• Includes terminal block feed connector, mounting plate and cover</li> </ul>	
 Pendant End Feed Connector	<b>TLR50 WH</b> <b>TLR50 BL</b>	White Black	<ul style="list-style-type: none"> <li>• Use with TLR90, TLR91 or TLR96 to feed from end of track</li> <li>• Includes terminal block feed connector, mounting plate and cover</li> </ul>	
 Outlet Box/T-Bar Ceiling Feed Canopy	<b>TLR36 WH</b> <b>TLR36 BL</b>	White Black	<ul style="list-style-type: none"> <li>• Mounts over outlet boxes or on T-Bar ceiling to feed up to four tracks</li> <li>• Includes one terminal block connector, mounting plate and cover</li> <li>• To feed more than one track, order additional TLR36TB connectors</li> <li>• Requires T-Bar clip (TLR37) for T-bar installation</li> </ul>	
 Terminal Block Connector	<b>TLR36TB WH</b> <b>TLR36TB BL</b>	White Black	<ul style="list-style-type: none"> <li>• For use with TLR36</li> </ul>	
 Dead End	<b>TLR28 WH</b> <b>TLR28 BL</b>	White Black	<ul style="list-style-type: none"> <li>• Dead end to use on extra field-cut track sections</li> </ul>	


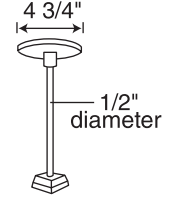

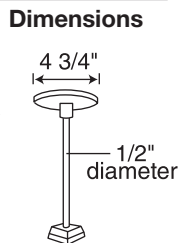
# Trac 12™ | System Components

## Trac 12/25 Low Voltage Track System

### Track Joiners and T-Bar Attachment Clip

 Miniature Straight Connector	<b>Catalog #</b> <b>TLR23 WH</b> <b>TLR23 BL</b>	<b>Finish</b> White Black	<b>Description</b> <ul style="list-style-type: none"> <li>Joins two track sections end-to-end</li> <li>Includes terminal block connector and cover</li> </ul>	<b>Dimensions</b> 
 Adjustable Connector	<b>Catalog #</b> <b>TLR24 WH</b> <b>TLR24 BL</b>	<b>Finish</b> White Black	<b>Description</b> <ul style="list-style-type: none"> <li>Joins two track sections to form a 90-degree corner or straight coupling</li> <li>Includes two terminal block connectors, joiner wires and both 90-degree and straight covers</li> </ul>	<b>Dimensions</b> 
 Accordion Adjustable Joiner	<b>Catalog #</b> <b>TLR20 WH</b> <b>TLR20 BL</b>	<b>Finish</b> White Black	<b>Description</b> <ul style="list-style-type: none"> <li>Joins two track sections at variable angles to left, right, up or down</li> <li>Includes two terminal block connectors, joiner wires and covers</li> </ul>	<b>Dimensions</b> 
 T-Bar Attachment Clip	<b>Catalog #</b> <b>TLR37</b> <b>TLR37916</b>	<b>Finish</b> White Black	<b>Description</b> <ul style="list-style-type: none"> <li>TLR37 T-Bar Clip attaches to 15/16" inverted T-bar ceiling</li> <li>TLR37916 T-Bar Clip attaches to 9/16" inverted T-bar ceiling</li> <li>Both clips are compatible with flush tile or drop tile ceilings</li> <li>Two required for 2' or 4' sections, three required for 6' or 8' sections</li> </ul>	<b>Dimensions</b> 


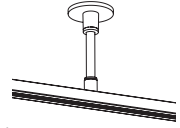
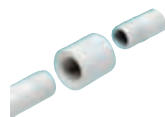




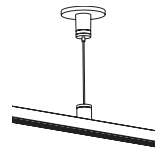

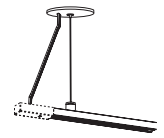
### Pendant Mounting Accessories

 T-Bar Ceiling Pendant Stem Feed & Mechanical Support	<b>Catalog #</b> <b>TLR90 12IN WH</b> <b>TLR90 12IN BL</b> <b>TLR90 18IN WH</b> <b>TLR90 18IN BL</b> <b>TLR90 24IN WH</b> <b>TLR90 24IN BL</b> <b>TLR90 36IN WH</b> <b>TLR90 36IN BL</b> <b>TLR90 48IN WH</b> <b>TLR90 48IN BL</b>	<b>Finish</b> White Black White Black White Black White Black White Black	<b>Description</b> <ul style="list-style-type: none"> <li>For pendant mounting Trac 12/25 to 15/16" T-bar ceilings</li> <li>12", 18", 24", 36", 48" stem lengths</li> <li>Use two for 2', 4' or 6' of track or three for 8' of track</li> <li>For electrical feed, order TLR50 Pendant End Feed Connector</li> </ul>	<b>Dimensions</b> 
 Rigid Ceiling Pendant Stem Feed & Mechanical Support	<b>Catalog #</b> <b>TLR91 12IN WH</b> <b>TLR91 12IN BL</b> <b>TLR91 18IN WH</b> <b>TLR91 18IN BL</b> <b>TLR91 24IN WH</b> <b>TLR91 24IN BL</b> <b>TLR91 36IN WH</b> <b>TLR91 36IN BL</b> <b>TLR91 48IN WH</b> <b>TLR91 48IN BL</b>	<b>Finish</b> White Black White Black White Black White Black White Black	<b>Description</b> <ul style="list-style-type: none"> <li>For pendant mounting Trac 12/25 to rigid ceilings</li> <li>12", 18", 24", 36", 48" stem lengths</li> <li>Use two for 2', 4' or 6' of track or three for 8' of track</li> <li>For electrical feed, order TLR50 Pendant End Feed Connector</li> </ul>	<b>Dimensions</b> 

# Trac 12™ | System Components

## Trac 12/25 Low Voltage Track System

### Pendant Mounting Accessories (cont)

 <p>Pendant Stem Mechanical Support</p>	<p><b>Catalog #</b></p> <p><b>TLR92 12IN WH</b> White <b>TLR92 12IN BL</b> Black</p> <p><b>TLR92 18IN WH</b> White <b>TLR92 18IN BL</b> Black</p> <p><b>TLR92 24IN WH</b> White <b>TLR92 24IN BL</b> Black</p> <p><b>TLR92 36IN WH</b> White <b>TLR92 36IN BL</b> Black</p> <p><b>TLR92 48IN WH</b> White <b>TLR92 48IN BL</b> Black</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• For pendant mounting Trac 12/25 to T-bar or rigid ceilings</li> <li>• 12", 18", 24", 36", 48" stem lengths</li> <li>• Use two for 2', 4', or 6' of track or three for 8' of track</li> <li>• Provides mechanical support only</li> <li>• Order TLR37 or TLR37916 T-Bar Clip to mount on T-bar ceilings</li> </ul>	
 <p>Pendant Stem Coupling</p>	<p><b>Catalog #</b></p> <p><b>T96 WH</b> White <b>T96 BL</b> Black</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Joins pendant stems for use in higher ceiling applications</li> </ul>	
 <p>Sloped Ceiling Adapter</p>	<p><b>Catalog #</b></p> <p><b>T94 WH</b> White <b>T94 BL</b> Black</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Permits TLR90, TLR91 and TLR92 Pendant Stems to hang straight from sloped ceilings</li> <li>• Accommodates two 12-gauge solid THHN copper wires at up to a 60° angle</li> <li>• 20-amp capacity (based on 12-gauge wire)</li> </ul>	
 <p>Stainless Steel Cable Mechanical Support</p>	<p><b>Catalog #</b></p> <p><b>TLR95 48IN WH</b> White <b>TLR95 48IN BL</b> Black</p> <p><b>TLR95 144IN WH</b> White <b>TLR95 144IN BL</b> Black</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Includes mini-canopy, steel cable, 15/16" T-bar clip, toggle bolt and track attachment hardware</li> <li>• 48" or 144" cable lengths</li> <li>• Length is easily field adjustable</li> <li>• Recommended for track patterns only (not recommended for straight runs)</li> <li>• Supports should be placed every 3' plus at feed points, at feed points, bend peaks and corners</li> </ul>	
 <p>Stainless Steel Cable Feed &amp; Mechanical Support</p>	<p><b>Catalog #</b></p> <p><b>TLR96 48IN WH</b> White <b>TLR96 48IN BL</b> Black</p> <p><b>TLR96 144IN WH</b> White <b>TLR96 144IN BL</b> Black</p>	<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Includes full-size feed/support canopy, steel cable, 10-gauge stranded tandem feed wire, outlet box strap and track attachment hardware</li> <li>• 48" or 144" cable lengths</li> <li>• Length is easily field adjustable</li> <li>• Recommended for track patterns only (not recommended for straight runs)</li> <li>• Supports should be placed every 3' plus at feed points, at feed points, bend peaks and corners</li> <li>• TLR50 End Feed Connector required (order separately, see Trac 12/25 Low Voltage Track System, Electrical Feeds section)</li> </ul>	

# Trac 12™ | System Components

## 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:

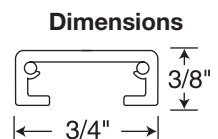
- 12-gauge solid copper conductors with 20-amp capacity
- Engineered thermoplastic ultra-miniature 3/8" H x 3/4" W profile
- Accepts all standard Trac 12 luminaires
- Can be cut to length by installer

**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
<b>TLV 2FT WH</b>	White	2' track (actual length 20 5/8")
<b>TLV 2FT BL</b>	Black	
<b>TLV 4FT WH</b>	White	4' track (actual length 44 5/8")
<b>TLV 4FT BL</b>	Black	
<b>TLV 8FT WH</b>	White	8' track (actual length 92 5/8")
<b>TLV 8FT BL</b>	Black	

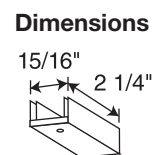


### Electrical Feeds



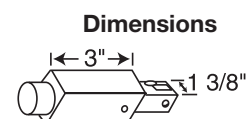
End Feed Connector/  
Straight Joiner with  
Dead End

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



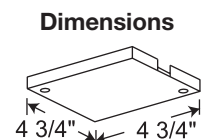
End Feed Connector and  
Conduit Feed

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



Outlet Box/T-Bar  
Ceiling Canopy

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


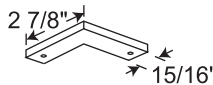



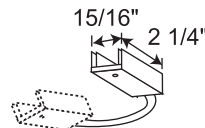
The product and system may be covered by the following United States patent: US 5,336,100

# Trac 12™ | System Components


## Trac 12™ Low Voltage Track System

### Joiner Connectors

	Catalog #	Finish	Description	Dimensions
 Right Angle Joiner	<b>TL24 WH</b> <b>TL24 BL</b>	White Black	<ul style="list-style-type: none"> <li>Joins two track sections to form a 90-degree corner. Includes one terminal block connector with cover and joiner wires</li> </ul>	

	Catalog #	Finish	Description	Dimensions
 Adjustable Joiner	<b>TL20 WH</b> <b>TL20 BL</b>	White Black	<ul style="list-style-type: none"> <li>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</li> </ul>	

### Mounting Accessories

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

# Trac 12™ | System Components

## Trac 12™ Electronic Transformers

### Direct Wire Electronic Transformers

#### LED



60-Watt Surface Mount Transformer

#### Catalog #

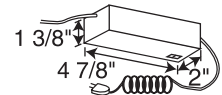
**TL544 LED 60W 120 12AC 6CP WH**  
**TL544 LED 60W 120 12AC 6CP BL**

**Finish**  
 White  
 Black

#### Description

- 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

#### Dimensions



#### LED



Canopy Transformer

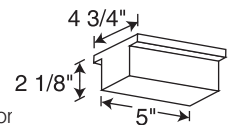
#### Catalog #

**TL566 LED 100W 120 12AC WH**  
**TL566 LED 100W 120 12AC BL**

**Finish**  
 White  
 Black

#### Description

- 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 section
- 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 #

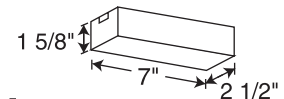
**TL547 150W 120 12AC WH**  
**TL547 150W 120 12AC BL**

**Finish**  
 White  
 Black

#### Description

- 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

#### Dimensions



#### LED

#### Catalog #

**TL567 LED 100W 120 12AC WH**  
**TL567 LED 100W 120 12AC BL**

**Finish**  
 White  
 Black

#### Description

- 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



# Trac 12™ | System Components

## 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
<b>TL601E</b> Electronic Driver/ Transformer	<b>10W</b> 10 Watts <b>25W</b> 25 Watts <b>60W</b> 60 Watts <b>75W</b> 75 Watts	<b>120</b> 120VAC	<b>12AC</b> 12VAC	<b>6CP</b> 6FT Cord & Plug	<b>BL</b> Black <b>WH</b> White	

Ordering Information						Ordering Examples: TL602E 10W 120 12AC 6CP WH
Series	Wattage	Input Voltage	Output Voltage	Factory Installed Options	Finish	Dimensions
<b>TL602E</b> Electronic Driver/ Transformer	<b>10W</b> 10 Watts <b>25W</b> 25 Watts <b>60W</b> 60 Watts	<b>120</b> 120VAC	<b>12AC</b> 12VAC	<b>6CP</b> 6FT Cord & Plug	<b>WH</b> 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**

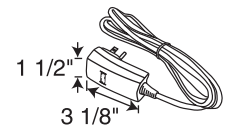
#### Finish

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




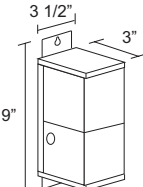
# Trac 12™ | System Components

## Trac 12™ & Trac 12/25 Magnetic Transformers

### Remote Mount Magnetic Transformers


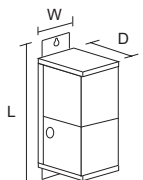
Remote Mount Magnetic Transformers are designed to be installed in remote locations such as basements, attics, plenums and electrical closets. The location must be accessible and well ventilated with ambient temperatures below 140°F. 12-volt transformers are typically used for spotlighting applications 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
<b>MAGXFMR</b> Remote Magnetic Transformer	<b>1C</b> 1 Circuit	<b>10W<sup>1</sup></b> 10 Watts <b>25W<sup>1</sup></b> 25 Watts <b>60W</b> 60 Watts	<b>120</b> 120VAC	<b>12AC</b> 120VAC	<b>6CP</b> 6FT Cord & Plug <sup>1</sup>	<b>BL</b> Black	 

<sup>1</sup> 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
<b>MAGXFMR</b> Remote Magnetic Transformer	<b>1C</b> 1 Circuit	<b>20W</b> 20 Watts <b>40W</b> 40 Watts <b>75W</b> 75 Watts <b>150W</b> 150 Watts <b>240W</b> 240 Watts <b>300W</b> 300 Watts	<b>120</b> 120VAC <b>277</b> 277VAC <sup>1</sup>	<b>12AC</b> 12VAC	<b>6CP</b> 6FT Cord & Plug <sup>2</sup>	<b>BL</b> Black	 

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

<sup>2</sup> 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"

# Trac 12™ | System Components

## 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
<b>TLRW 12IN WH</b>	White	14"
<b>TLRW 12IN BL</b>	Black	
<b>TLRW 18IN WH</b>	White	20"
<b>TLRW 18IN BL</b>	Black	
<b>TLRW 24IN WH</b>	White	26"
<b>TLRW 24IN BL</b>	Black	
<b>TLRW 36IN WH</b>	White	38"
<b>TLRW 36IN BL</b>	Black	
<b>TLRW 48IN WH</b>	White	50"
<b>TLRW 48IN BL</b>	Black	

# Trac 12™ | System Components

## Monopoints

### Trac 12™ Monopoints with Integral Transformer

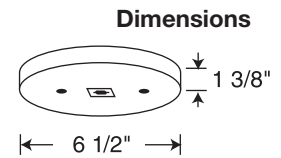
Trac 12 Monopoints increase the versatility of Trac 12 luminaires, allowing them to be mounted where track sections may not offer the best aesthetic or functional solution. Each monopoint includes an integral transformer to power one fixture.

#### Surface Monopoints



Cylindrical Surface Monopoint with Integral Transformer

Catalog #	Finish	Description
<b>TL540 LED WH</b>	White	<ul style="list-style-type: none"> <li>• Mounts over standard ceiling outlet boxes</li> <li>• Includes 12V 50VA electronic transformer</li> <li>• Accepts one Juno Trac 12 LED or halogen luminaire up to 60W max.</li> <li>• 120V input</li> </ul>
<b>TL540 LED BL</b>	Black	

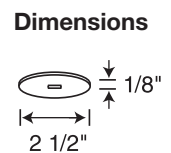


#### Recessed Monopoints



Recessed Monopoint, New Construction & Remodel

Catalog #	Finish	Description
<b>TL644 60W 120 12AC WH</b>	White	<ul style="list-style-type: none"> <li>• For new construction or remodel installation</li> <li>• Installs from below the ceiling or wall surface, in 2 x 6 construction up to 3/4" max. surface thickness</li> <li>• Includes 12V 50VA electronic transformer</li> <li>• Includes TC rated recessed wiring compartment with universal electrical connector which accepts 3/8" flexible conduit or non-metallic sheathed cable (Type NM)</li> <li>• Recessed section is 3" high and 8" long.</li> <li>• No visible mounting screws</li> <li>• Accepts one Juno Trac 12 LED or halogen luminaire up to 60W max.</li> <li>• 120V input</li> </ul>
<b>TL644 60W 120 12AC BL</b>	Black	




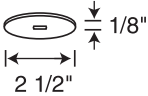

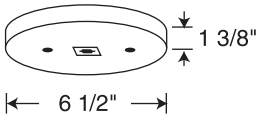
# Trac 12™ | System Components

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

# Trac 12™ | Accessories

## Light Control Accessories

The Juno complete range of light control accessories permit the designer to custom tailor effects. See individual fixture pages and specification sheets for additional details.

		2" DIAMETER	COMPATIBLE WITH
<b>Beam Control Lenses</b>			
 <p>These alter the light distribution, enlarging or elongating it, softening the beam edge or removing striations.</p>	Prismatic Spread Lens	<b>PRISM 200</b>	TL141*, TL252L, TL381L
	Linear Spread Lens	<b>LSPREAD 200</b>	
	Uniformity Lens (Solite™)	<b>SOLITE 200</b>	
	Diffusion Lens	<b>DIFF 200</b>	
<b>UV Filters</b>			
 <p>These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect fade sensitive art and objects from light degradation.</p>		<b>UVF 200</b>	
<b>Dichroic Color Correction Filters</b>			
 <p>Color Correction Filters correct the light, to warm it up to approximate incandescent.</p>	Halogen-to-Incandescent, 2700K	<b>DCCF 200 HAL2700</b>	
<b>Color Filters</b>			
 <p>Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.</p>	<b>Dichroic Glass Filters</b>		
	Red	<b>DGF 200 DRED</b>	
	Medium Green	<b>DGF 200 MGRN</b>	
	Medium Blue	<b>DGF 200 MBLU</b>	
	Yellow	<b>DGF 200 DYEL</b>	
	Magenta	<b>DGF 200 MAGEN</b>	
	Blue-Green (Cyan)	<b>DGF 200 CYAN</b>	
	<b>Colored Glass Filters</b>		
	Medium Pink	<b>CGF 200 MPINK</b>	
	Warm Red	<b>CGF 200 WRED</b>	
	Daylight Blue	<b>CGF 200 DLTBLUE</b>	
	Medium Blue	<b>CGF 200 MBLU</b>	
	Medium Amber	<b>CGF 200 MAMB</b>	
	Medium Green	<b>CGF 200 MGRN</b>	
<b>Louvers</b>			
 <p>Louvers provide greater visual source cut-off and reduce perceived fixture brightness.</p>	Hexcell Louvers	<b>HCLBL 200</b>	
<b>Snoots</b>			
 <p>Snoots extend lamp shielding and can reduce spill light at the edge of a beam pattern.</p>	Snoots	<b>SNOOTBL 200</b>	

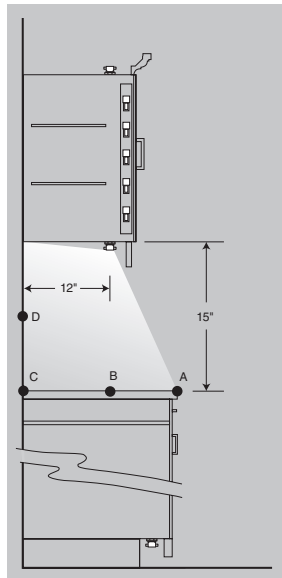
\* Simultaneously accepts any combination of up to two filters, lenses or louvers.



# Trac 12™ | Applications

## Linear Lighting Application Data for LED

### Cabinetry Lighting Guidelines (LED)



**Over Cabinets** Trac 12, using modules spaced 6" on-center, generally provides excellent indirect lighting. For lower-level mood lighting, closer module spacing and dimming is recommended. Placing the fixture at the front edge of the cabinet top will project light into the space and illuminate any displayed objects. Locate top of lamp even with top edge of cove molding to prevent a harsh shadow line.

**Inside Cabinets** Running Trac 12 vertically on the front inside of cabinets avoids the need to put track on each shelf. Placing modules 4"- 6" on-center generally provide adequate lighting inside a cabinet.

**Under Cabinets** Placing Juno Trac 12 at the front lip of the cabinet conceals the fixture from view, minimizes veiling reflections, and provides maximum light on the working area of the countertop.

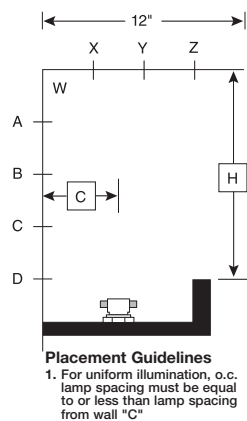
#### Footcandles on Horizontal Work Surface\*

Catalog Number	Color Temperature	On-Center Spacing	Footcandles*			
			A	B	C	D
TL214LED 27KWD 90CRI	2700K-1800K	3"	27	72	41	34
TL214LED 27K 90CRI	2700K	3"	49	127	73	63
TL214LED 30K 90CRI	3000K	3"	50	134	78	63
TL214LED 35K 90CRI	3500K	3"	53	139	82	66
TL214LED 40K 90CRI	4000K	3"	55	147	86	69
TL214LED 27K 90CRI	2700K	4"	37	95	55	47
TL214LED 30K 90CRI	3000K	4"	38	100	58	47
TL214LED 35K 90CRI	3500K	4"	40	105	62	50
TL214LED 40K 90CRI	4000K	4"	42	111	65	52

\* Data shown is for operation at 12 volts. For operation at 11.5 volts, multiply by 0.94.

**Kick Spaces** TL214LED modules are spaced on 4" on-center generally provides adequate kick space accent lighting. Wider spacings can be used when the distance from the track to the floor is greater than 4" or when perfectly uniform illumination is not required.

### Cove Lighting (LED)



#### Footcandles on Vertical and Horizontal Planes\*

Catalog Number	Lamp Spacing From Wall C	O.C. Lamp Spacing	Cove Height H	Footcandles on Vert. Plane (Wall)				Footcandles on Horiz. Plane (Ceiling)			
				A	B	C	D	W	X	Y	Z
TL214LED 27KWD 90CRI	3"	3"	6"	143	164	159	119	206	243	174	101
	3"	3"	9"	84	108	141	95	149	160	132	90
	3"	3"	12"	54	71	120	87	110	116	103	79
	4"	4"	6"	104	107	95	75	130	177	151	90
	4"	4"	9"	67	79	82	56	103	118	107	78
	4"	4"	12"	45	58	76	48	80	88	82	65
TL214LED 30K 90CRI, TL214LED 35K 90CRI <sup>1</sup>	4"	4"	6"	200	204	181	143	248	337	288	171
	4"	4"	9"	128	150	156	107	196	225	204	148
	4"	4"	12"	87	110	145	92	153	168	156	125
	5"	5"	6"	148	143	124	105	167	245	255	160
	5"	5"	9"	103	113	107	75	141	171	169	129
	5"	5"	12"	72	88	99	63	114	129	125	105

<sup>1</sup> Data shown is for 3000K/3500K. For 2700K modules, use 0.97 multiplier; for 4000K modules, use 1.02 multiplier.

#### Lumens per Foot\*

Catalog Number	2"	3"	Lamp Spacing 4"	6"	12"
TL214LED 27KWD 90CRI	258	172	129	86	-
TL214LED 27K 90CRI	456	304	228	152	-
TL214LED 30K 90CRI	470	313	235	157	-
TL214LED 35K 90CRI	472	315	236	157	-
TL214LED 40K 90CRI	478	319	239	159	-

\* Data shown is for operation at 12-volts. For operation at 11.5-volts multiply by 0.94.

\*\* Based on 20% maximum light output decrease between first and last fixture on track due to voltage drop; to utilize full capacity of track and transformers, individual transformer circuits may have to feed multiple runs using separate feed points.

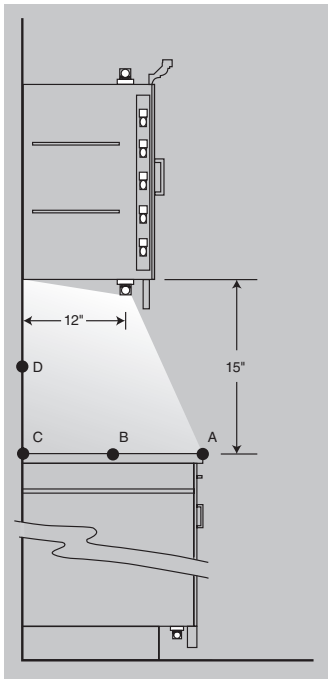
#### Maximum Track Run Length\*\*

Catalog Number		2"	3"	4"	6"	12"
TL214LED 27KWD 90CRI	Electronic	9'	12'	13'	16'	-
	Magnetic	24'	30'	32'	42'	-
TL214LED 27K 90CRI,	Magnetic	24'	30'	32'	42'	-
TL214LED 30K 90CRI,						
TL214LED 35K 90CRI,						
TL214LED 40K 90CRI						

# Trac 12™ | Applications

## Linear Lighting Application Data for Xenon & Halogen

### Cabinetry Lighting Guidelines (Xenon & Halogen)



**Over Cabinets** The Trac 12™ system, using 10-watt lamps spaced 6" on-center, generally provides excellent indirect lighting. For lower-level mood lighting, use 3-watt or 5-watt lamps with slightly closer spacing. Placing the fixture at the front edge of the cabinet top will project light into the space and illuminate any displayed objects. Locate top of lamp even with top edge of cove molding to prevent a harsh shadow line

**Inside Cabinets** Running the Trac 12 system vertical on the front inside of cabinets avoids the need to put track on each shelf. 3-watt Xenon lamps 3" on-center will generally provide adequate lighting inside a cabinet.

**Under Cabinets** Placing the Juno Trac 12 system at the front lip of the cabinet conceals the fixture from view, minimizes veiling reflections, and provides maximum light on the working area of the countertop.

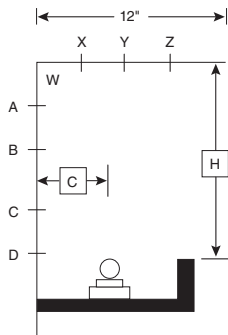
#### Footcandles on Horizontal Work Surface

Lamp Type	Catalog Number	Number of Lamps	Volts/Watts	On-Center Spacing	A	Footcandles B	C	D
Xenon Wedge Base	TL201	1	12V/5W	3"	10	31	20	22
		1	12V/10W	6"	12	36	23	25

**Kick Spaces** 3-watt Xenon lamps spaced on 4" centers provide adequate kick space lighting. Wider spacings can be used when the distance from track to floor is greater than 4" or when even illumination is not required.

NOTE: Shiny flooring may cause lamp image reflections.

### Cove Lighting (Xenon & Halogen)



#### Footcandles on Vertical and Horizontal Planes

Lamp Type	Lamp Spacing From Wall C	O.C. Lamp Spacing	Cove Height H	Footcandles on Vert. Plane (Wall)				Footcandles on Horiz. Plane (Ceiling)				
				A	B	C	D	W	X	Y	Z	
24V, 10W Rigid Loop Wedge Base Xenon Lamp (Test conducted with 70% reflectances at 23.5 volts)	3"	3"	6"	111	155	162	31	176	164	93	44	
	3"	3"	9"	62	89	155	21	118	121	93	54	
	3"	3"	12"	42	56	120	15	83	87	78	56	
<b>Conversion factors for other lamps</b>												
<b>LAMP</b>	<b>MULTIPLIER</b>											
12V, 10W Wedge Base	0.92	4"	4"	6"	88	111	105	23	124	123	85	38
24V, 5W Rigid Loop	0.44	4"	4"	9"	53	74	99	16	88	89	76	46
24V, 5W Wedge Base	0.32	4"	4"	12"	36	49	96	11	63	66	61	46
12V, 5W Wedge Base	0.37	5"	5"	6"	68	71	67	19	85	96	81	35
		5"	5"	9"	44	57	61	13	66	69	63	43
		5"	5"	12"	31	42	58	8	48	51	48	40

NOTE: Frosted lamps provide slightly less lumen output, but more uniformity with wider spacings.

#### Placement Guidelines

- For uniform illumination, o.c. lamp spacing must be equal to or less than lamp spacing from wall "C"

### Maximum Run Length per 20 Amp Circuit\*\*

Lamp Type	Lumens/Foot (24V Lamp)	Lamp Spacing				
		2"	3"	4"	6"	
10 Watt Xenon Lamps	Lumens/Foot (24V Lamp)	-	340	255	204	170
	Maximum Run Length - 24V	-	12'	16'	20'	24'
	Maximum Run Length - 12V	-	6'	8'	10'	12'
5 Watt Xenon Lamps	Lumens/Foot (24V Lamp)	162	108	81	65	54
	Maximum Run Length - 24V	16'	24'	32'	40'	48'
	Maximum Run Length - 12V	8'	12'	16'	20'	24'
3 Watt Xenon Lamps	Lumens/Foot	93	62	42	37	31
	Maximum Run Length - 12V	13'	20'	27'	33'	40'

### Maximum Run Length per 25 Amp Circuit\*\*

Lamp Type	Lumens/Foot (24V Lamp)	Lamp Spacing				
		2"	3"	4"	6"	
10 Watt Xenon Lamps	Lumens/Foot (24V Lamp)	-	340	255	204	170
	Maximum Run Length - 24V	10'	15'	20'	25'	30'
	Maximum Run Length - 12V	5'	7.5'	10'	12.5'	15'
5 Watt Xenon Lamps	Lumens/Foot (24V Lamp)	162	108	81	65	54
	Maximum Run Length - 24V	20'	30'	40'	50'	60'
	Maximum Run Length - 12V	10'	15'	20'	25'	30'
3 Watt Xenon Lamps	Lumens/Foot	93	62	42	37	31
	Maximum Run Length - 12V	17'	25'	34'	42'	50'

\*\* Based on 20% maximum light output decrease between first and last fixture on track due to voltage drop; to utilize full capacity of track and transformers, individual transformer circuits may have to feed multiple runs using separate feed points.

# Lighting Control & Application Tips

## Applying and Controlling Light

### Contrast Ratios

Light on an object must be a minimum of three times brighter than its surrounding area for the object to be perceived as being illuminated. Five to one is generally preferred and contrasts of twenty to one or greater can be desirable for more dramatic lighting effects.



3:1 Contrast Ratio

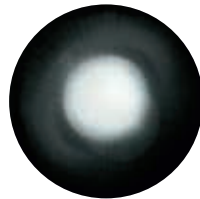
5:1 Contrast Ratio

20:1 Contrast Ratio

### Light Control Lenses

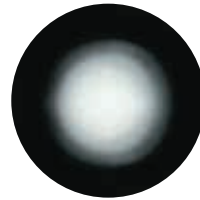
While in many applications the distribution of bare lamps or reflectors is perfectly acceptable, most Juno Trac fixtures accept control lenses that can be used to create more sophisticated, dramatic effects and greater visual impact.

**Note:** Preservation and light degradation are of major concern when lighting any type of art. Light levels and heat associated with light sources are critical issues with respect to art media—paper, wood, glues, watercolor pigments, lacquers, textiles and organic materials. If preservation is a concern, you should consult a professional in this field.



#### Bare Lamp

Many bare lamps produce irregular round beam shapes and have light/dark striations.



#### Solite™ Uniformity Lens

This fine-prism lens eliminates striations without noticeably altering the size of the beam or light output.



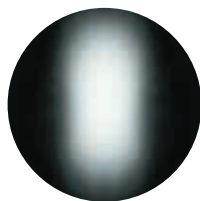
#### Diffusion Lens

Frosted lens softens the beam and lightly diffuses the pattern.



#### Prismatic Spread Lens

This coarse prismatic lens eliminates striations and enlarges the size of the beam. It is especially useful with narrow flood distribution lamps.



#### Linear Spread Lens

The linear prisms on this lens elongate the beam pattern into a wide oval pattern. It can be rotated so the beam is elongated either horizontally, vertically or at any angle in between.

#### UV Filter

This dichroic filter blocks virtually all transmission below 400 nanometers, the range most responsible for UV degradation. While white LEDs typically do not emit a significant UV component, it adds an extra layer of protection for highly sensitive objects.



#### Color Filters

These change white light into colored using colored glass. This is the lowest cost method of creating colored light effects.

#### Dichroic Filters

Dichroic filters are multi-layer thin-film coatings deposited on a glass substrate. Their light transmission levels are substantially higher than simple glass color filters, providing considerable savings in energy and money. Dichroic filters are highly color selective producing brighter, cleaner appearing, saturated color.



#### Incandescent Color Correction Filter

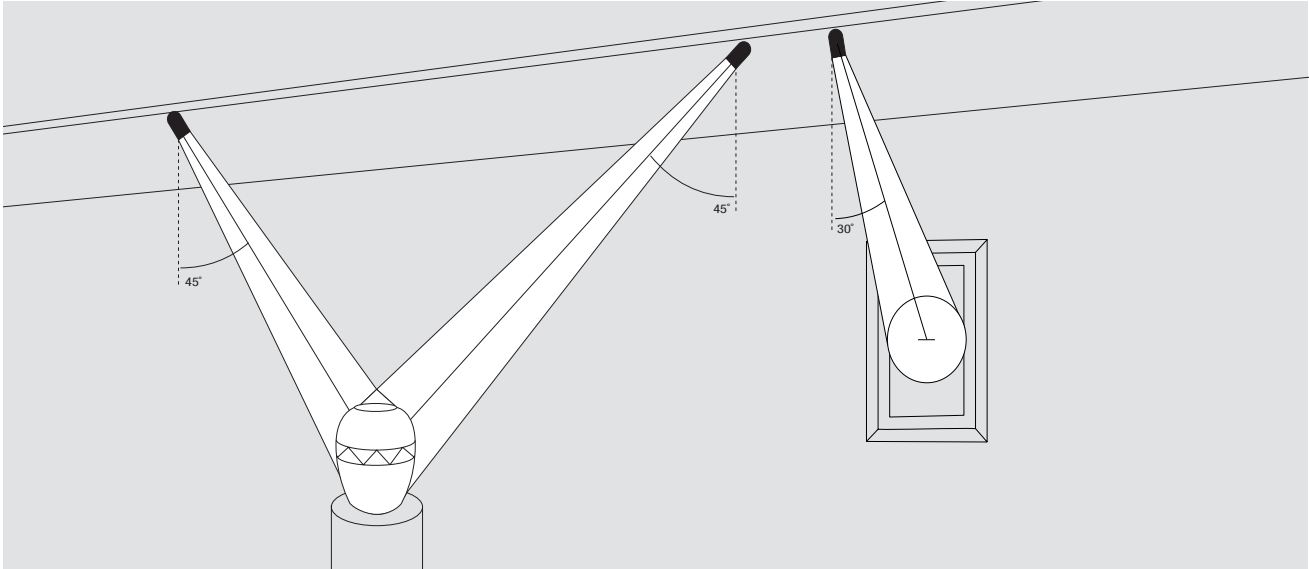
Dichroic filter corrects 3000K color temperature to approximately 2700K to approximate incandescent.



# Lighting Control & Application Tips

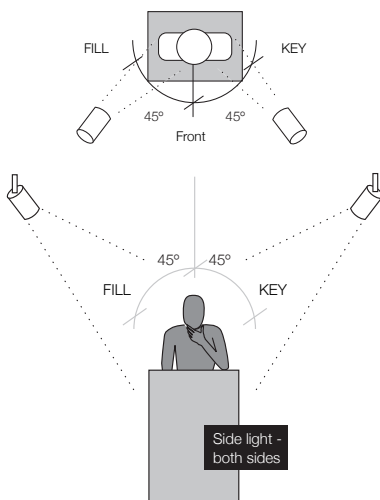
## Accent Lighting

Effective accent lighting involves the proper selection and placement of lamps, optional use of control media and establishing appropriate contrast ratios between the illuminated object and its background.



### Accent Lighting of Three Dimensional Objects

“Key and fill” is an effective technique for accentuating the three-dimensional character of an object. This technique entails the use of key and fill lighting from two sides of the object. Key lighting is a hard (more direct and intense beam) accent light used to create shadows and to highlight an object’s form and texture. Fill light is a softer (wider beam) light thrown from the opposite side of the object to soften the shadows, making the object appear more natural. Other techniques can also be applied to further accentuate the unique character of an object, such as silhouetting an object from behind.

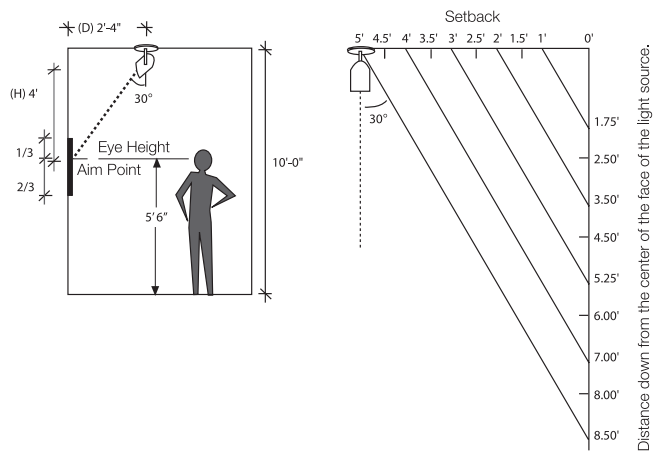


### Accent Lighting of Flat Artwork

Flat art is ideally illuminated by a source striking its surface at a 30° angle. This eliminates veiling reflection (glare) from bouncing into a viewer’s eye, and prevents casting a shadow of the viewer onto the artwork. To determine the correct distance from the wall you can use the formula below or quick reference chart.

The formula below is used to calculate luminaire distance from the wall for a 30° aiming angle where H = Distance from the center of the face of the light source to the aiming point and D = Distance from the wall to the center of the face of the light source. (The aiming point should be 1/3 down from the top of the picture or object.)  $D = H \times .5774$

**Example:**  $D = 4.0' \times .5774 = 2.31'$  or approximately 2'-4"



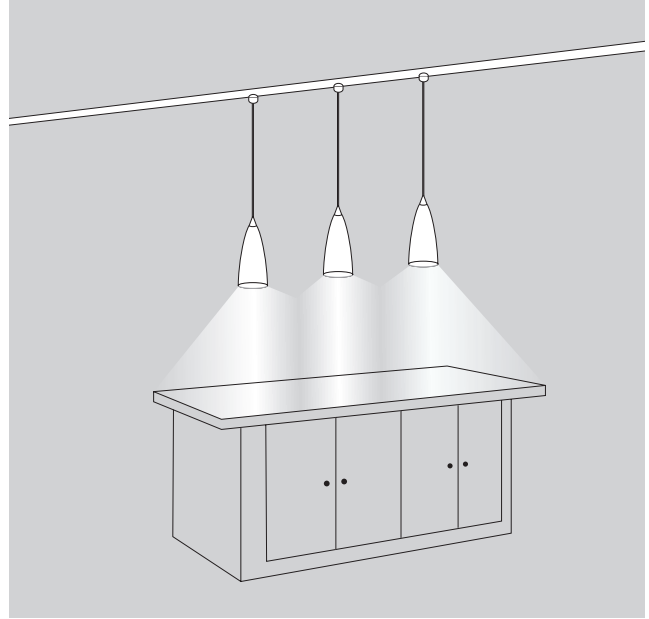
# Lighting Control & Application Tips

## Task Lighting

Task lighting can be accomplished using either spotlights or decorative pendants.

### Task Lighting and Decorative Pendants

Decorative pendants provide both functional task lighting and add a visual interest and aesthetic character into a space. Pendants can be used singularly to light over small tables such as in an intimate restaurant or in groups to light elongated surfaces such as kitchen island counters or retail cash wraps or feature displays. For tables, the bottom edge of the pendants should typically be mounted 28" to 34" above the table. For work counters, the bottom edge of the pendants should typically be mounted 30" to 36" above the countertop.



### Task Lighting and Spotlights

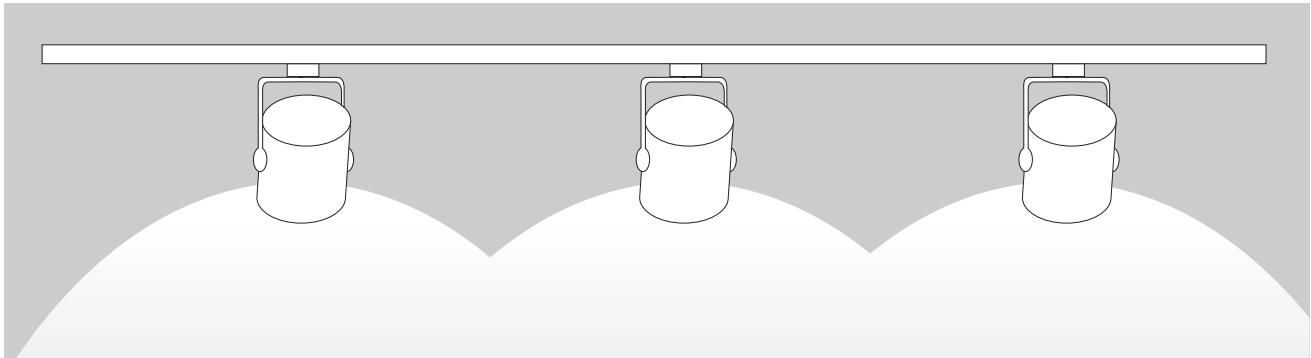
When lighting tasks with track spotlights, the fixtures should be placed on each side of the task to minimize veiling reflections and glare. Avoid placing fixtures directly over a person's head so as not to create unnatural or unpleasant facial shadows. Complimentary fill lighting from another diffuse source is recommended. For illuminating countertops, place the track between the cabinet face and the front edge of the counter to avoid having the viewer standing in their own shadow. Since track and fixtures typically protrude below the ceiling, be mindful to allow enough clearance for cabinet doors to open.



# Lighting Control & Application Tips

## Wall Lighting

Effective wall lighting can be accomplished using either directional sources with wider distributions or special wall wash luminaires employing special fixture reflector optics.

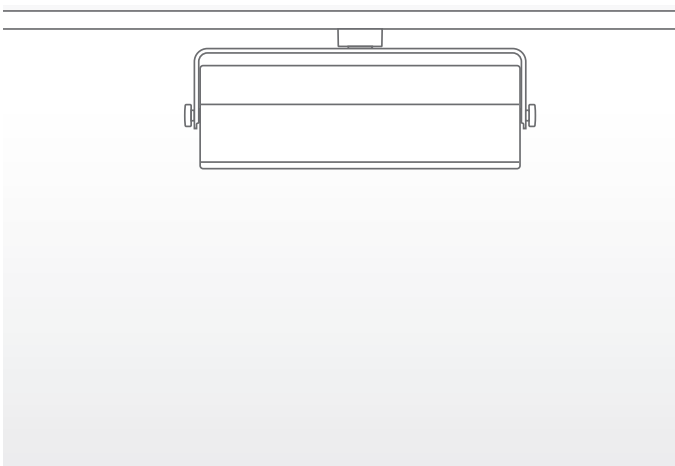


## Wall Washing

Wall washing provides even, diffuse illumination of vertical surfaces such as walls, perimeter merchandise displays, signage and large artwork. To achieve uniform wall washing, track fixtures using lamps with flood distribution patterns are generally spaced apart equal to the distance the track is mounted away from the wall. The track should be positioned to preserve an approximate 30° aiming angle. Refer to the setback chart in the Accent Lighting section for placement guidelines. Track fixtures can also be spaced further apart to create a more distinct pattern of "light scallops" to create visual interest or a sense of scale.

## Directional Sources

Directional sources can be effectively used to illuminate vertical surfaces creating different effects.



## Rectangular Flood Fixtures

Rectangular flood fixtures can be used to provide attractive, uniform wall illumination. Rectangular floods are the most appropriate solution for retail and commercial spaces and are often used in combination with spotlights to highlight merchandise or objects for the best blend of efficiency and visual impact. Refer to the photometric section of individual fixture specification sheets for charts showing recommended fixture spacings, track setback from the wall and illumination levels.



## Grazing

By placing track 6"-12" from a wall, a more dramatic grazing effect can be achieved on textured surfaces such as brick, stone or stucco.

(Note: Grazing is not recommended on smooth surfaces, as it will magnify any surface imperfections.)



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