Track Lighting Guide

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

JUNO®

JUNO®

Design leader in the world of track lighting

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Front Cover Photo Credits:
Top Right: Johnny Cash Museum, Nashville, TN (Mark Steele Photography)

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.

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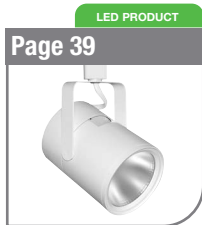
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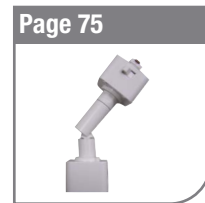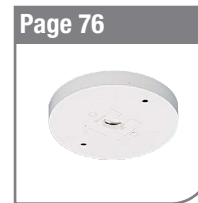
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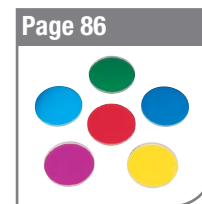
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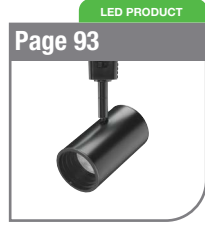
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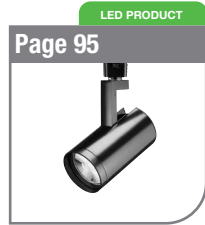
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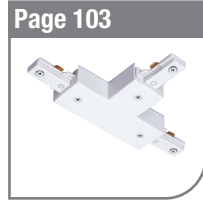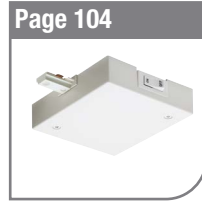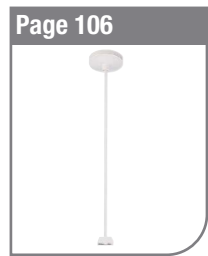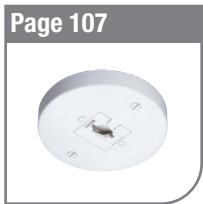
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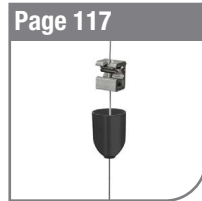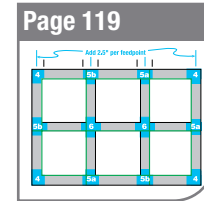
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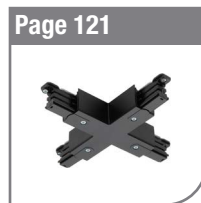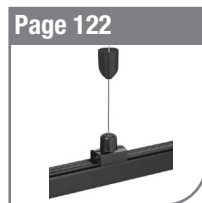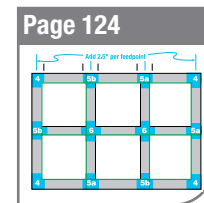
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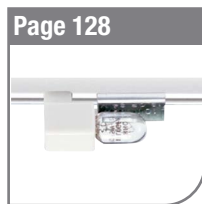
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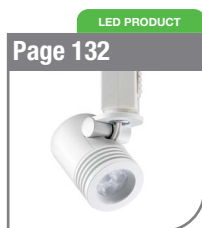
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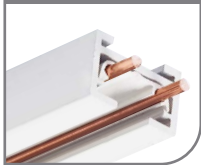
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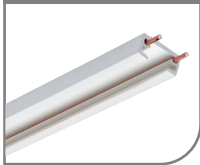
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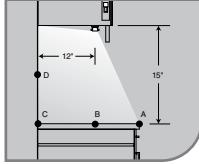
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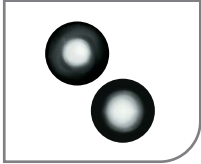
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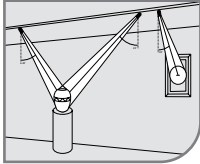
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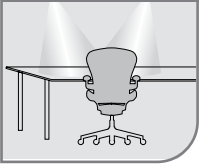
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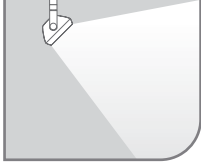
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LED Lighting

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	132
500 - 999 Lumens	
TL381L	130
TL252L	131
R600L	92
1000 - 1499 Lumens	
R605L	93
T252L	35
T261L	29
T271L	40
T381L	23
R620L	95
R606L	93
1500 - 1999 Lumens	
T254L	36
T262L	30
T272L	24
T1050L Wall Washer	41
T382L	24
2000 - 2999 Lumens	
T263L	31
T256L Wall Washer	44
R610L	94
T383L	25
T1051L Wall Washer	41
T283L	39
3000 - 3999 Lumens	
T385L	26
T1052L Wall Washer	41
R612L	94
T285L	39
T286L	39
T265L	32
T1053L Wall Washer	41
T255L	38
4000 - 4999 Lumens	
T1054L Wall Washer	41
T257L Wall Washer	45
T387L	27
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> 6000 Lumens	
T1058L Wall Washer	42

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.
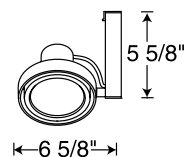
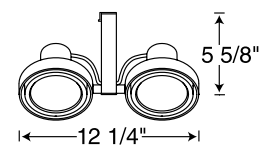|	Catalog #	Finish	Lamp	Dimensions
	T831 WH	White	One 75W PAR30	5 5/8" 6 5/8"
	T832 WH	White	Two 75W PAR30	5 5/8" 12 1/4"

Trac-Master® | LED Series
11W/16W 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/16W 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

3 7/8"   5 1/4"   2 1/2"   1 7/8"
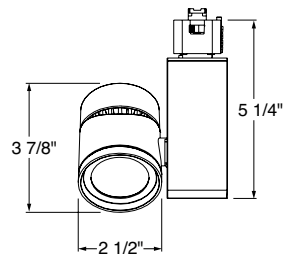
Dimensions - WarmDim

3 7/8"   5 3/4"   2 1/2"   1 7/8"
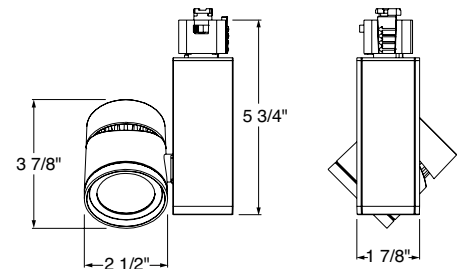
Ordering Information   Ordering Example: T381L G2 30K SPW PDIM NFL WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
T381L 11W Vertical Cylinder LED (Static White) **T381L** 16W Vertical Cylinder LED (WarmDim®)	**(Blank)** Juno Universal 120V Trac Adapter **HTEK¹** HTEK 277V Trac Adapter **TEK** TEK 120V Trac Adapter **GTYPE** G-Type Trac Adapter **HTYPE** H-Type Trac Adapter **LTYPE** L-Type Trac Adapter	**G2** Generation 2	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K **WDIM HALR²** WarmDim® 3000K-1800K	**80CRI** 80 CRI **90CRI** 90 CRI **SPW³** SpectralWhite	**OFF¹** On/Off (Non-Dimming) **PDIM** Phase Dimmable	**SP** Spot **NFL** Narrow Flood **FL** Flood **WFL** Wide Flood	**BL** Black **SL** Silver **WH** White

¹ HTEK versions available with OFF option only, and OFF option available with HTEK version only.   ² WDIM HALR available with 90CRI only.   ³ 3000K and 3500K only.

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

# 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

5 3/4"
3 7/8"
2 1/2"
1 7/8"
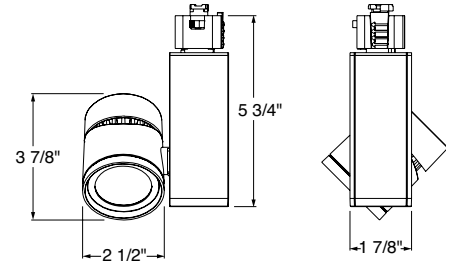
Ordering Information   Ordering Example: T382L G2 30K SPW PDIM NFL WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
T382L 17W Vertical Cylinder LED	**(Blank)** Juno Universal 120V Trac Adapter **HTEK¹** HTEK 277V Trac Adapter **TEK** TEK 120V Trac Adapter **GTYPE** G-Type Trac Adapter **HTYPE** H-Type Trac Adapter **LTYPE** L-Type Trac Adapter	**G2** Generation 2	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI **90CRI** 90 CRI **SPW²** SpectralWhite	**OFF¹** On/Off (Non-Dimming) **PDIM** Phase Dimmable	**SP** Spot **NFL** Narrow Flood **FL** Flood **WFL** Wide Flood	**BL** Black **SL** Silver **WH** White

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

Accessories

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

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

5 3/4"

3 7/8"

2 1/2"

1 7/8"

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
T383L 24W Vertical Cylinder LED	**(Blank)** Juno Universal 120V Trac Adapter **HTEK¹** HTEK 277V Trac Adapter **TEK** TEK 120V Trac Adapter **GTYPE** G-Type Trac Adapter **HTYPE** H-Type Trac Adapter **LTYPE** L-Type Trac Adapter	**G2** Generation 2	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI **90CRI** 90 CRI **SPW²** SpectralWhite	**OFF¹** On/Off (Non-Dimming) **PDIM** Phase Dimmable	**SP** Spot **NFL** Narrow Flood **FL** Flood **WFL** Wide Flood	**BL** Black **SL** Silver **WH** White

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

Accessories

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

Juno® Trac-Master

Trac-Master® | **LED Series**
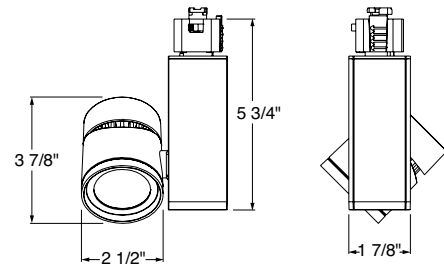## 30W Vertical Cylinder LED

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

5-3/8"   6"   3-5/8"   2-1/4"
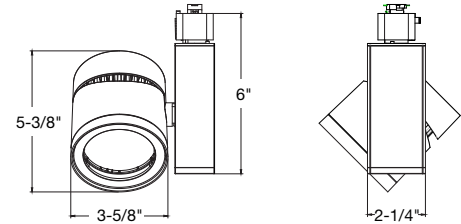
Ordering Information

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

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

[1] HTEK versions available with OFF option only, and OFF option available with HTEK version only. [2] 3000K and 3500K only.

Accessories

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

Trac-Master® | **LED Series**
46W Vertical Cylinder LED

TITLE **24** PART 6 | **DLC** LISTED | ENERGY STAR

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

7-1/8"
5-3/8"
3-5/8"
2-5/8"
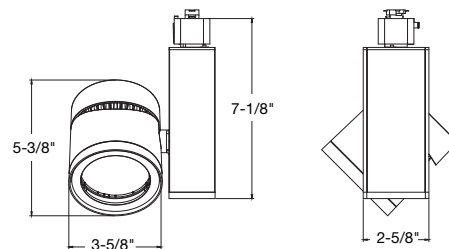
Ordering Information   Ordering Example: T387L G2 30K 90CRI PDIM NFL SL

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

[1] HTEK versions available with OFF option only, and OFF option available with HTEK version only. [2] 3000K and 3500K only.

Accessories

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

Juno® Trac-Master

# 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

6 5/8" 7 1/8" 4 5/8" 2 5/8"
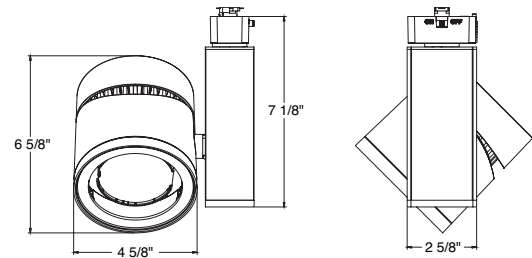
Ordering Information

Ordering Example: T388L 30K SPW PDIM NFL WH

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

[1] HTEK versions available with OFF option only, and OFF option available with HTEK version only. [2] 3000K and 3500K only.

Accessories

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

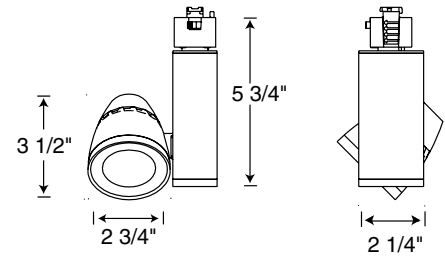# Trac-Master® │ LED Series
## 11W/16W Conix® II LED

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

5 3/4"

3 1/2"

2 3/4"

2 1/4"

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
T261L 11W Conix II LED (Static White) **T261L** 16W Conix II LED (WarmDim®)	**(Blank)** Juno Universal 120V Trac Adapter **HTEK**[1] HTEK 277V Trac Adapter **TEK** TEK 120V Trac Adapter **GTYPE** G-Type Trac Adapter **HTYPE** H-Type Trac Adapter **LTYPE** L-Type Trac Adapter	**G3** Generation 3	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K **WDIM HALR**[2] WarmDim® 3000K-1800K	**80CRI** 80 CRI **90CRI** 90 CRI **SPW**[3] SpectralWhite	**OFF**[1] On/Off (Non-Dimming) **PDIM** Phase Dimmable	**SP** Spot **NFL** Narrow Flood **FL** Flood **WFL** Wide Flood	**BL** Black **SL** Silver **WH** White

[1] HTEK versions available with OFF option only, and OFF option available with HTEK version only.   [2] WDIM HALR available with 90CRI only.   [3] 3000K and 3500K only.

Accessories

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

Trac-Master® | LED Series
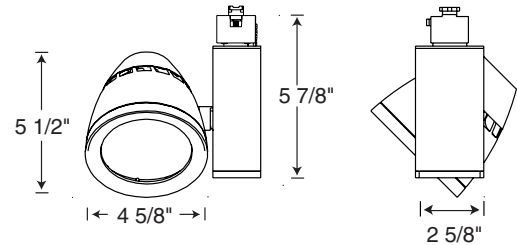## 16W Conix® II LED

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

5 3/4"
5 1/2"
7 1/4"
4 5/8"
2 1/4"
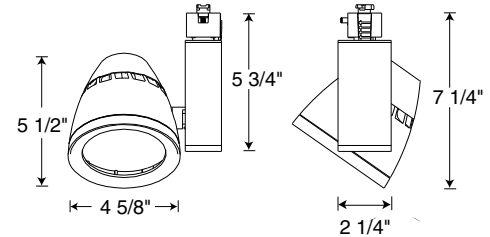
Ordering Information

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

[1] HTEK versions available with OFF option only, and OFF option available with HTEK version only. [2] 97CRI only available with 27K, 30K and 40K options.

Accessories

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

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

5 1/2"

5 7/8"

4 5/8"

2 5/8"

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
T263L 21W Conix II LED	**(Blank)** Juno Universal 120V Trac Adapter	**G3** Generation 3	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI **90CRI** 90 CRI **97CRI**[2] 97 CRI	**OFF**[1] On/Off (Non-Dimming) **PDIM** Phase Dimmable	**SP** Spot **NFL** Narrow Flood **FL** Flood	**BL** Black **SL** Silver **WH** White
	HTEK[1] HTEK 277V Trac Adapter						
	TEK TEK 120V Trac Adapter						
	GTYPE G-Type Trac Adapter						
	HTYPE H-Type Trac Adapter						
	LTYPE L-Type Trac Adapter						

[1] HTEK versions available with OFF option only, and OFF option available with HTEK version only. [2] 97CRI only available with 27K, 30K and 40K options.

Accessories

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

# 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

7 1/8"
7 7/8"
5 5/8"
2 5/8"
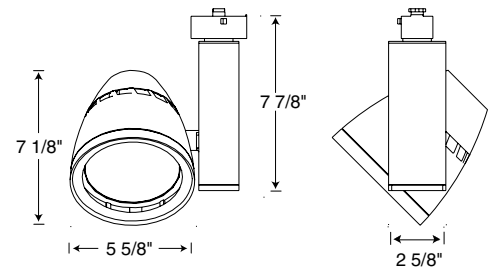
Ordering Information

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

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

[1] HTEK versions available with OFF option only, and OFF option available with HTEK version only. [2] 3000K and 3500K only.

Accessories

For Fixtures	T265L
Color Filters	**CGF 469**
Dichroic Filters	**DGF 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**
Cross Baffle	**XBAFLBL 469**
Eyebrow	**EYEBROWBL 469**
Snoot	**SNOOTBL 469**
Barn Doors	**TBDR BLCK 469**

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

7 1/8" 8 1/8" 5 5/8" 3"
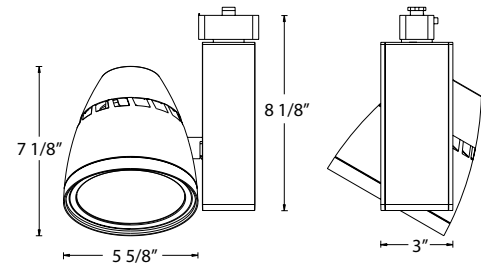
Ordering Information

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
T267L 52W Conix II LED	**(Blank)** Juno Universal 120V Trac Adapter	**G2** Generation 2	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI **90CRI** 90 CRI	**OFF**[1] On/Off (Non-Dimming) **PDIM** Phase Dimmable	**SP** Spot **NFL** Narrow Flood **FL** Flood **WFL** Wide Flood	**BL** Black **SL** Silver **WH** White
	HTEK[1] HTEK 277V Trac Adapter						
	TEK TEK 120V Trac Adapter						
	GTYPE G-Type Trac Adapter						
	HTYPE H-Type Trac Adapter						
	LTYPE L-Type Trac Adapter						

[1] HTEK versions available with OFF option only, and OFF option available with HTEK version only.

Accessories

| For Fixtures	T267L
Color Filters	**CGF 469**
Dichroic Filters	**DGF 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**
Cross Baffle	**XBAFLBL 469**
Eyebrow	**EYEBROWBL 469**
Snoot	**SNOOTBL 469**
Barn Doors	**TBDR BLCK 469**

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

5 7/8"

5 11/16"

3"
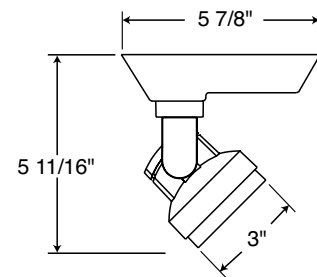
Ordering Information

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

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

Accessories

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

Note: Wide flood versions do not accept accessories.

T252L Extension Wands

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

Juno® Trac-Master

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

7 7/16"

4 7/8"
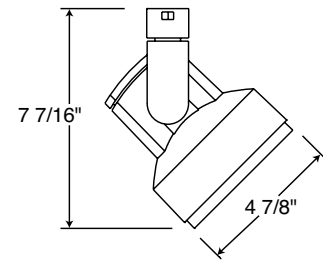
Ordering Information
Ordering Example: T254L G2 27K 90CRI PDIM SP BL

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

[1] 3000K and 3500K only.

Accessories

For Fixtures	**T254L**
Color Filters	**CGF 375**
Dichroic Filters	**DGF 375**
Diffusion Lens	**DIFF 375**
Uniformity Lens	**SOLITE 375**
UV Filter	**UVF 375**
Prismatic Spread Lens	**PRISM 375**
Linear Spread Lens	**LSPREAD 375**
Hexcell Louver	**HCLBL 375**
Cube Cell Louver	**CCLBL 375**
Eyebrow	**EYEBROWBL 375**
Snoot	**SNOOTBL 375**
Barn Doors	**TBDR BLCK 375**

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

12 9/16"

5 27/32"

7 5/16"
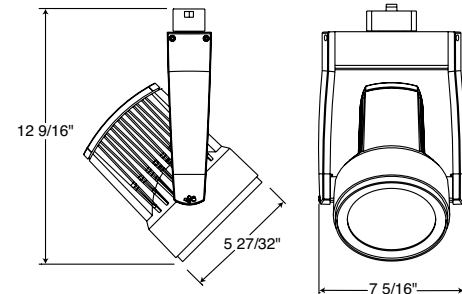
Ordering Information   Ordering Example: T255L G3 27K 80CRI PDIM NFL WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
T255L 36W Cylindra LED	**(Blank)** Juno Universal 120V Trac Adapter **HTEK¹** HTEK 277V Trac Adapter **TEK** TEK 120V Trac Adapter **HTYPE** H-Type Trac Adapter **LTYPE** L-Type Trac Adapter	**G3** Generation 3	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI **90CRI** 90 CRI **SPW²** SpectralWhite	**OFF¹** On/Off (Non-Dimming) **PDIM** Phase Dimmable	**SP** 10º Spot **NFL** Narrow Flood **FL** Flood	**BL** Black **SL** Silver **WH** White

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

Accessories

For Fixtures	T255L
Color Filters	**CGF 469**
Dichroic Filters	**DGF 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**
Cross Baffle	**XBAFLBL 469**
Eyebrow	**EYEBROWBL 469**
Snoot	**SNOOTBL 469**
Barn Doors	**TBDR BLCK 469**

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

5.36"

6.33"

Ø4.77"
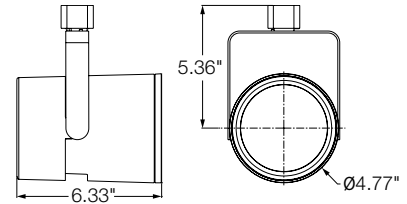
Ordering Information

Ordering Example: T283L G2 27K 80CRI PDIM NFL WH

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

[1] HTEK versions available with OFF option only, and OFF option available with HTEK version only.   [2] 3000K and 3500K only, T283L and T285L only.

Accessories

For Fixtures	**T283L, T285L, T286L**
Dual Accessory Holder	**T770BL, SL, WH**
Color Filters	**CGF 469***
Dichroic Filters	**DGF 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***
Cross Baffle	**XBAFLBL 469***
Eyebrow	**EYEBROWBL 469***
Snoot	**T5788BL 469**
Barn Doors	**T5774BL 469**

* 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

5 61/64"
5"
2 1/2"

5 61/64"
5"
2 11/16"
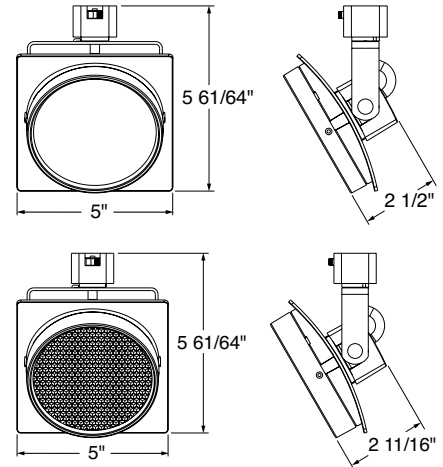
Ordering Information

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
T271L 9W Arc LED **T272L** 15W Arc L LED	**(Blank)** Juno Universal 120V Trac Adapter **TEK** TEK 120V Trac Adapter **GTYPE** G-Type Trac Adapter **HTYPE** H-Type Trac Adapter **LTYPE** L-Type Trac Adapter	**G2** Generation 2	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI **90CRI** 90 CRI **SPW¹** SpectralWhite	**PDIM** Phase Dimmable	**SP** Spot **NFL** Narrow Flood **FL** Flood	**BL** Black **SL** Silver **WH** White	**THCL1BL** Black **THCL1SL** Silver **THCL1WH** White

¹ 3000K and 3500K only.

Accessories

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

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

Trac-Master® │ LED Series
12W, 16W, 22W, 26W & 30W Narrow Profile LED Wall Wash

Narrow Profile Wall Wash/Flood T1050L, T1051L, T1052L, T1053L, & T1054L

By employing a patented, proprietary hyperbolic reflector, the T105xL Narrow Profile LED Wall Wash/Flood track fixture family delivers a powerful and uniform punch of light, with minimal aperture brightness, achieving efficacy of up to 148 lumens per watt. Their unique, narrow profile and small footprint reduces visual clutter at the ceiling. The lightweight, but robust, die cast aluminum construction is designed to maintain a consistent center of gravity, regardless of aiming or rotation. Vertical aiming locks enable fixtures to be precisely aimed and locked in place, and a variety of light control accessories can be attached to optimize beam control. They can even be aimed straight down and used for ambient illumination Their optimized thermal management design yields a maintenance-free minimum 50,000 hours service life at 70% lumen maintenance.

Dimensions

7 5/8"

7 1/8" 4 3/16"

6 1/2"

1 15/16"

7 5/16"

4 3/16"

6 3/16"

4 3/16"

Ordering Information
Ordering Example: T1054L 30K 80CRI PDIM WH

Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Finish	Factory-Installed Lens Option
T1050L 12W LED 1700 Lumens Wall Wash **T1051L** 16W LED 2300 Lumens Wall Wash **T1052L** 22W LED 3200 Lumens Wall Wash **T1053L** 26W LED 3700 Lumens Wall Wash **T1054L** 30W LED 4200 Lumens Wall Wash	**(Blank)** Juno Universal 120V Trac Adapter **HTEK¹** HTEK 277V Trac Adapter **TEK** TEK 120V Trac Adapter **GTYPE** G-Type Trac Adapter **HTYPE** H-Type Trac Adapter **LTYPE** L-Type Trac Adapter	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI **90CRI** 90 CRI	**OFF¹** On/Off (Non-Dimming) **PDIM** Phase Dimmable	**BL** Black **SL** Silver **WH** White	**CPL** Clear Polycarbonate Lens **DIFF** Diffusion Lens

¹ HTEK versions available with OFF option only, and OFF option available with HTEK version only.

Accessories		
For Fixtures	**T1050L, T1051L, T1052L, T1053L, T1054L**	
Hexagonal Cell Louver	**HCLBL RECT3**	Snoot - Black **SNOOTBL RECT3**
Clear Polycarbonate Lens	**CGF RECT3 CLEAR**	Eyebrow - Black **EYEBROWBL RECT3**
Diffusion Lens	**DIFF RECT3**	Eyebrow - White **EYEBROWH RECT3**
UV Filter	**UVF RECT3**	Barn Door - Black **TBDR BLCK RECT3**

Trac-Master® | LED Series
38W & 45W Narrow Profile LED Wall Wash

Narrow Profile Wall Wash/Flood T1056L & T1058L

By employing a patented, proprietary hyperbolic reflector, the T105xL Narrow Profile LED Wall Wash/Flood track fixture family delivers a powerful and uniform punch of light, with minimal aperture brightness, achieving efficacy of up to 148 lumens per watt. Their unique, narrow profile and small footprint reduces visual clutter at the ceiling. The lightweight, but robust, die cast aluminum construction is designed to maintain a consistent center of gravity, regardless of aiming or rotation. Vertical aiming locks enable fixtures to be precisely aimed and locked in place, and a variety of light control accessories can be attached to optimize beam control. They can even be aimed straight down and used for ambient illumination Their optimized thermal management design yields a maintenance-free minimum 50,000 hours service life at 70% lumen maintenance.

Dimensions

7 5/8"
7 1/8"
4 3/16"
6 1/2"
2 9/16"
7 1/2"
4 3/16"
6 3/16"
4 3/16"

Ordering Information

Ordering Example: T1056L HTYPE 35K 80CRI PDIM BL

Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Finish	Factory-Installed Lens Option
T1056L 38W LED 5200 Lumens Wall Wash **T1058L** 45W LED 6300 Lumens Wall Wash	**(Blank)** Juno Universal 120V Trac Adapter **HTEK[1]** HTEK 277V Trac Adapter **TEK** TEK 120V Trac Adapter **GTYPE** G-Type Trac Adapter **HTYPE** H-Type Trac Adapter **LTYPE** L-Type Trac Adapter	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI **90CRI** 90 CRI	**OFF[1]** On/Off (Non-Dimming) **PDIM** Phase Dimmable	**BL** Black **SL** Silver **WH** White	**CPL** Clear Polycarbonate Lens **DIFF** Diffusion Lens

[1] HTEK versions available with OFF option only, and OFF option available with HTEK version only.

Accessories

For Fixtures	**T1050L, T1051L, T1052L, T1053L, T1054L**		
Hexagonal Cell Louver	**HCLBL RECT3**	Snoot - Black	**SNOOTBL RECT3**
Clear Polycarbonate Lens	**CGF RECT3 CLEAR**	Eyebrow - Black	**EYEBROWBL RECT3**
Diffusion Lens	**DIFF RECT3**	Eyebrow - White	**EYEBROWH RECT3**
UV Filter	**UVF RECT3**	Barn Door - Black	**TBDR BLCK RECT3**

Trac-Master® | LED Series
35W LED Wall Wash/Flood

Dimensions

15"

4 1/8"

4 1/8"

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

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
T256L 35W LED Wall Wash/Flood	**(Blank)** Juno Universal 120V Trac Adapter **TEK** TEK 120V Trac Adapter **HTEK[1]** HTEK 277V Trac Adapter **HTYPE** H-Type Trac Adapter	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI	**OFF[1]** On/Off (Non-Dimming) **PDIM** Phase Dimmable	**BL** Black **SL** Silver **WH** White

[1] 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

24 1/2"

4 1/8"

4 1/8"
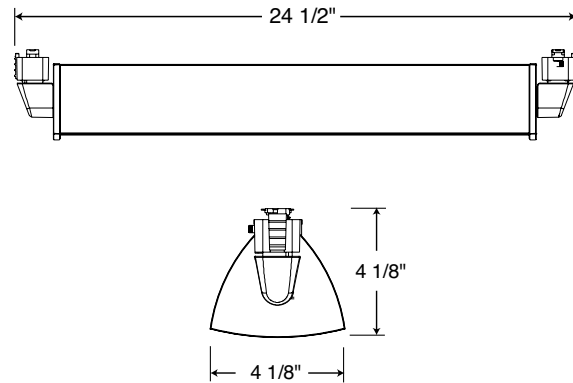
Ordering Information

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
T257L 70W Wall Wash/Flood LED	**(Blank)** Juno Universal 120V Trac Adapter **HTEK**[1] HTEK 277V Trac Adapter **TEK** TEK 120V Trac Adapter **HTYPE** H-Type Trac Adapter	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI	**OFF**[1] On/Off (Non-Dimming) **PDIM** Phase Dimmable	**BL** Black **SL** Silver **WH** White

[1] 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. Each version has 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		

2 5/8"
6 1/16"
4 5/8"
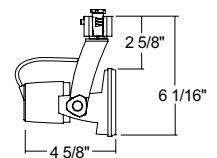
Catalog #	Finish	Lamp	Dimensions
High Wattage PAR30L E26 Medium Base Lamp			
T1030 E26 75W BL	Black	75W max. PAR30L	
T1030 E26 75W SL	Silver		
T1030 E26 75W WH	White		
Low Wattage PAR30L E26 Medium Base Lamp			
T1030 E26 18W BL	Black	18W max. PAR30L	
T1030 E26 18W SL	Silver		
T1030 E26 18W WH	White		

2 1/4"
7 1/8"
5 7/8"
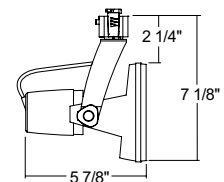
Catalog #	Finish	Lamp	Dimensions
High Wattage PAR30S E26 Medium Base Lamp			
T1031S E26 75W BL	Black	75W max. PAR30S	
T1031S E26 75W SL	Silver		
T1031S E26 75W WH	White		
Low Wattage PAR30S E26 Medium Base Lamp			
T1031S E26 18W BL	Black	18W max. PAR30S	
T1031S E26 18W SL	Silver		
T1031S E26 18W WH	White		

1 7/8"
6 1/2"
4 5/8"
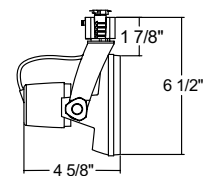
Trac-Master® | Gimbal Ring Series
Die Cast Gimbal Ring Lampholders

Catalog #	Finish	Lamp	Dimensions
High Wattage PAR38 E26 Medium Base Lamp			
T1038 E26 150W BL	Black	150W max. PAR38	
T1038 E26 150W SL	Silver		
T1038 E26 150W WH	White		
Low Wattage PAR38 E26 Medium Base Lamp			
T1038 E26 25W BL	Black	25W max. PAR38	
T1038 E26 25W SL	Silver		
T1038 E26 25W WH	White		

Dimensions: 2", 7 9/16", 6 3/8"
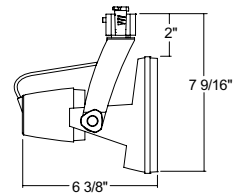
Note: T1020, T1030, T1031S and T1038 are available with TEK, GTYPE, HTYPE and LTYPE Alternate Mounting Adapters– see specification sheet for details.

Accessories		
For Fixtures	**T1030, T1031S**	**T1038**
Accessory Ring	**TAH BLCK 469**	**TAH BLCK 550**
Color Filters	**CGF 469***	**CGF 550***
Dichroic Filters	**DGF 469***	–
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

T1040 low voltage fixtures offer both mechanical and electrical compatibility with most MR16 LED lamps (by others). Constructed with an 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. The 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. T1040 fixtures are dimming-compatible (with dimmable lamps) – contact lamp manufacturer to confirm full compatibility.
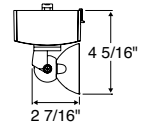
Catalog #	Finish	Lamp	Dimensions
T1040 H WH	White	12V, 50W max. MR16CG Cover Glass	4 5/16"
T1040 H BL	Black		2 7/16"

Lily16

Note: T1040 is 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.
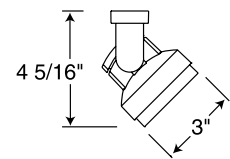
Catalog #	Finish	Lamp
T841 WH	White	12V, 50W max. MR16
T841 BL	Black	

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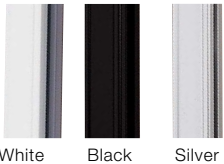See Low Voltage Transformers section for detailed information.

Dimensions

5 7/8"

5 11/16"

3"

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

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 #	Finish	Lamp	Dimensions
	T230 WH	White	75W max. PAR30	1 1/2" 2 1/4" 2 1/2"
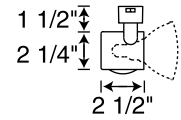
PAR30 - Enclosed

	Catalog #	Finish	Lamp	Dimensions
	T231 WH	White	75W max. PAR30	1 1/2" 2 1/4" 4 7/8" 4 1/2"
	T231 BL	Black		
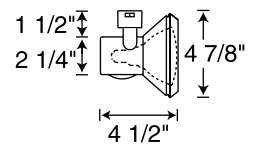
PAR38 - Enclosed

	Catalog #	Finish	Lamp	Dimensions
	T239 WH	White	120W max. PAR38	1 1/2" 2 1/4" 6" 6 5/8"
	T239 BL	Black		

The product and system may be covered by the following patents: U.S. Patent D376,026; Canada Patent 79,733
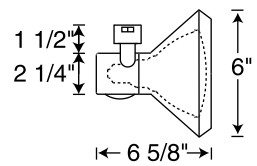
Trac-Master® | Classic Series
Open Back Gimbals

Open Back Gimbals

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

Catalog #	Finish	Lamp	Dimensions
T363 WH	White	75W max. PAR30	3 3/4" 4" 4 3/8"
T363 BL	Black		

Catalog #	Finish	Lamp	Dimensions
T368 WH	White	150W max. PAR38	4 1/2" 5" 5 3/4"
T368 BL	Black		

Accessories	
For Fixtures	**T368**
Color Filters	**CGF 469**
Dichroic Filters	**DGF 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**
Cross Baffle	**XBAFLBL 469**
Eyebrow	**EYEBROWBL 469**
Snoot	**SNOOTBL 469**

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.

Catalog #	Finish	Lamp	Dimensions
T687 WH	White	50W max. PAR20	3 3/4"
T687 BL	Black		2 3/4"
			3 7/8"
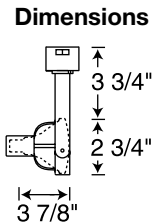
Catalog #	Finish	Lamp	Dimensions
T689 WH	White	75W max. PAR30	3 7/8"
T689 BL	Black		4 1/8"
T689 NAT	Natural		4 1/2"
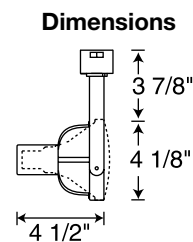
The Natural (NAT) finish is merely a raw finish with a clear protective coating applied—inconsistencies, scratches, and minor processing marks are part of the unique aesthetic created by this process and should be expected.

Catalog #	Finish	Lamp	Dimensions
T690 WH	White	250W max. PAR38	4 1/2"
T690 BL	Black		5"
T690 SL	Silver		5 5/8"
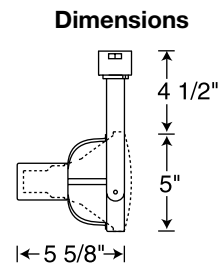
Note: T690 is available with TEK, GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.

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 #	Finish	Lamp	Dimensions
T308 WH	White	50W max. R20/	4"
T308 BL	Black	50W max. PAR20/	2 1/2"
		85W max. BR30/	4 5/8"
		75W max. PAR30/	
		120W max. BR40/	
		150W max. PAR38	

Catalog #	Finish	Lamp	Dimensions
T620 WH	White	50W max. R20/	3 1/4"
T620 BL	Black	50W max. PAR20/	2 1/2"
		85W max. BR30/	4 1/4"
		75W max. PAR30/	
		120W max. BR40/	
		150W max. PAR38	
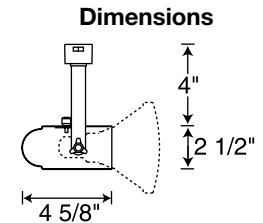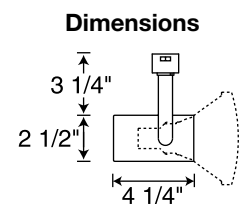
Catalog #	Finish	Lamp	Dimensions
T691 WH	White	60W max. PAR16/	2 7/8"
T691 BL	Black	50W max. PAR20/	2 1/8"
T691 NAT	Natural	75W max. PAR30/	3 3/8"
		150W max. PAR38	
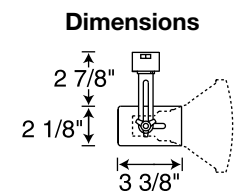
Notes:

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 #	Finish	Lamp	Dimensions
	T313 WHB WH **T313 BLB BL**	White/White Baffle Black/Black Baffle	50W max. R20/ 50W max. PAR20	3 7/8" 3 1/2" 6"

	Catalog #	Finish	Lamp	Dimensions
	T315 BLB BL	Black/Black Baffle	75W max. BR30/ 75W max. PAR30L	4 3/8" 4 1/2" 7 1/4"

Accessories

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

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

Trac-Master® | Low Voltage Lighting

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

T1040 low voltage fixtures offer both mechanical and electrical compatibility with most MR16 LED lamps (by others). Constructed with an 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. The 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. T1040 fixtures are dimming-compatible (with dimmable lamps) – contact lamp manufacturer to confirm full compatibility.

	Catalog #	Finish	Lamp	Dimensions
	T1040 H WH	White	12V, 50W max. MR16CG Cover Glass	4 5/16"
	T1040 H BL	Black		2 7/16"

Lily16

Note: T1040 is 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 #	Finish	Lamp
T841 WH	White	12V, 50W max. MR16
T841 BL	Black	

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

Dimensions

4 5/16"

3"

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

Trac-Master® | One-Circuit and Two-Circuit Track Systems

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.
- Debossed visual polarity line indicates the positive conductor (+) side of the track.

White   Black   Silver

One-Circuit Track

Two-Circuit 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.

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.

Juno® Trac-Master

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
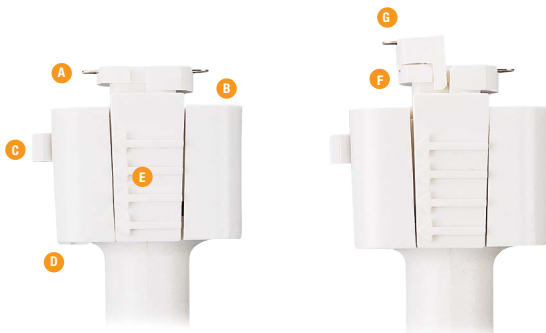
A Copper alloy contacts provide the best possible electrical conductivity and precise spring action; prevents arcing and will not take a set.

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	Dimensions
T 2FT WH	White	2' One-Circuit Track (actual length 19 7/8")	1 3/8"
T 2FT BL	Black		11/16"
T 2FT SL	Silver		
T 4FT WH	White	4' One-Circuit Track (actual length 43 7/8")	
T 4FT BL	Black		
T 4FT SL	Silver		
T 6FT WH	White	6' One-Circuit Track (actual length 67 7/8")	
T 6FT BL	Black		
T 6FT SL	Silver		
T 8FT WH	White	8' One-Circuit Track (actual length 91 7/8")	
T 8FT BL	Black		
T 8FT SL	Silver		
T 12FT WH	White	12' One-Circuit Track (actual length 139 7/8")	
T 12FT BL	Black		
T 12FT SL	Silver		

Dead End

Track Dead End

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

Electrical End Feeds

End Feed Connector and Outlet Box Cover

Catalog #	Finish	Description	Dimensions
T21 WH	White	• For outlet box feed	4 1/4"
T21 BL	Black	• Includes outlet cover, fixture	4 1/4"
T21 SL	Silver		
T21 RP WH	White	• Same as above except designed for use in opposite polarity orientation compared to standard feed connectors	
T21 RP BL	Black		
T21 RP SL	Silver	• See specification sheets for more details	

Trac-Master® | Track System Components
One-Circuit System

Electrical End Feeds (cont)

	Catalog #	Finish	Description	Dimensions
Conduit Adapter	T34 WH T34 BL T34 SL	White Black Silver	• For surface wiring • Accepts standard 1/2" connector	3" 1 3/8"
	T34 RP WH T34 RP BL T34 RP SL	White Black Silver	• Same as above except designed for use in opposite polarity orientation compared to standard adapters • See specification sheets for more details	

	Catalog #	Finish	Description	Dimensions
T-Bar End Feed	T36 WH T36 BL T36 SL	White Black Silver	• Wiring compartment contains standard 1/2" KO's • Feeds surface track from above when 15/16" T-bar is directly above track	4 1/8" 4 1/8"
	T36 RP WH T36 RP BL T36 RP SL	White Black Silver	• Same as above except designed for use in opposite polarity orientation compared to standard feeds • See specification sheets for more details	

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

	Catalog #	Finish	Description	Dimensions
End Feed Connector	T38 WH T38 BL T38 SL	White Black Silver	• Feed track from above with flexible conduit, BX, etc., or end feed in pendant systems • Accepts standard 1/2" connector	1 3/8" 3 1/4"
	T38 RP WH T38 RP BL T38 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	

	Catalog #	Finish	Description	Dimensions
Cord and Plug Connector	T22 WH T22 BL T22 SL	White Black Silver	• Comes with 15' two-wire white cord • Includes surface wire retainers and in-line switch • Maximum capacity 7 amps	1 3/8" 3 1/4"
	T122 WH T122 BL T122 SL	White Black Silver	• Same as above but with matching color 3-wire grounded cord and plug • No switch	

Electrical Floating Feed

	Catalog #	Finish	Description	Dimensions
Floating Electrical Feed	T29 WH T29 BL T29 SL	White Black Silver	• Permits mounting to any point of track under outlet box • Includes floating connector and outlet box cover plus extra track dead end	4 5/8"
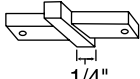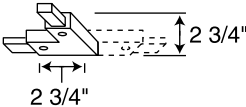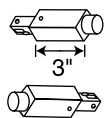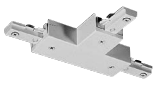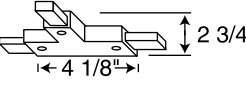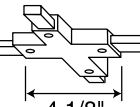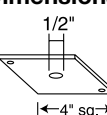
Electrical Joiner Feed

	Catalog #	Finish	Description	Dimensions
T-Bar Adjustable Joiner Feed	T35 WH T35 BL T35 SL	White Black Silver	• Joins two track sections to make 90° angle or straight run • Wiring compartment contains standard 1/2" KO's • Feeds from above when 15/16" T-bar is directly above track	4 1/8" 4 1/8"
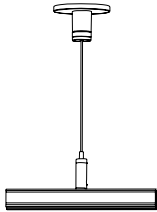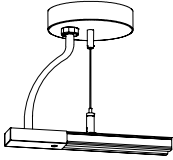
Track Joiners

Straight Connector

Catalog #	Finish	Description	Dimensions
T23 WH	White	• Joins two track sections end to end	1/4"
T23 BL	Black		
T23 SL	Silver		

Adjustable Connector

Catalog #	Finish	Description	Dimensions
T24N WH*	White	• Joins two track sections to make 90° angle or straight run	2 3/4"
T24N BL*	Black	• Straight and right angle covers supplied	2 3/4"
T24N SL*	Silver	• For outlet box feed, T27 outlet box cover also required (order separately)	
T24F WH*	White	• Same as T24N but permits electrical feed	
T24F WH*	Silver	• Required in Canada only	
T24F BL*	Black		

* T24N cannot be used as a feed connector in Canada - use T24F as feed connector in Canada.

Accordion Adjustable Joiner

Catalog #	Finish	Description	Dimensions
T20 WH	White	• Can flex to 90° angle to left, right, up or down	2"
T20 BL	Black	• Joins two track sections	
T20 SL	Silver		

Track Continuation Kit

Catalog #	Finish	Description	Dimensions
T49 WH	White	• Permits track to continue a run around obstructions	3"
T49 BL	Black	• Includes one left and one right T34 Conduit Adapter	
T49 SL	Silver	• Accepts standard 1/2" conduit connector	

"T" Connector

Catalog #	Finish	Description	Dimensions
T25 WH*	White	• Joins three track sections	2 3/4"
T25 BL*	Black	• For outlet box feed, T27 outlet box cover also required (order separately)	4 1/8"
T25 SL*	Silver		
T25F WH*	White	• Same as T25 but permits electrical feed	
T25F BL*	Black	• Required in Canada only	
T25F SL*	Silver		
T25 RP WH*	White	• Same as above except designed for use in opposite polarity orientation compared to standard connectors	
T25 RP BL*	Black	• See specification sheets for more details	
T25 RP SL*	Silver		

* T25 cannot be used as a feed connector in Canada - use T25F as feed connector in Canada.

"X" Connector

Catalog #	Finish	Description	Dimensions
T26 WH*	White	• Joins four track sections at 90° angles	4 1/8"
T26 BL*	Black	• For outlet box feed, T27 outlet box cover also required (order separately)	
T26 SL*	Silver		
T26F WH*	White	• Same as T26 but permits electrical feed	
T26F BL*	Black	• Required in Canada only	
T26F SL*	Silver		

* T26 cannot be used as a feed connector in Canada - use T26F as feed connector in Canada.

Outlet Box Cover

Catalog #	Finish	Description	Dimensions
T27 WH	White	• Use with No. T24, T25, T26, for outlet box electrical feed	1/2"
T27 BL	Black	• Includes nipple, locknut and ground screw	4" sq.
T27 SL	Silver		

Trac-Master® | Track System Components
One-Circuit System

Cable Suspension Kit

	Catalog #	Finish	Description
T-Bar/Rigid Ceiling Cable Suspension Kit	**T595 48IN WH**	White	• Mechanical-only cable suspension kit for one-circuit or two-circuit track
	T595 48IN BL	Black	
	T595 144IN WH	White	• Adjustable 48" or 144" cable
	T595 144IN BL	Black	• For use on 15/16" flush T-bar ceilings
	T597 48IN WH	White	• Mechanical-only cable suspension kit for one-circuit or two-circuit track
	T597 48IN BL	Black	
	T597 144IN WH	White	• Adjustable 48" or 144" cable
	T597 144IN BL	Black	• For use on rigid ceilings

	Catalog #	Finish	Description
T-Bar/Rigid Ceiling Cable Suspension/Feed Kit	**T596 48IN WH**	White	• Cable suspension kit with 48" or 144" electrical feed for one-circuit track
	T596 48IN BL	Black	
	T596 144IN WH	White	• For use on 15/16" flush T-bar ceilings
	T596 144IN BL	Black	• Order track electrical feed connector separately
	T598 48IN WH	White	• Cable suspension kit with 48" or 144" electrical feed for one-circuit track
	T598 48IN BL	Black	
	T598 144IN WH	White	• For use on rigid ceilings
	T598 144IN BL	Black	• Order track electrical feed connector separately

Pendant Mounting Accessories

Catalog #	Finish	Description	Dimensions
T90 12IN WH	White	• Compatible with 15/16" flush T-bar ceilings	4 3/4"
T90 12IN BL	Black	• 12", 18", 24", 36", 48" stem lengths	
T90 12IN SL	Silver	• Use two for 2', 4', or 6' of track or	
T90 18IN WH	White	three for 8' and four for 12' of track	1/2" diameter
T90 18IN BL	Black	• For electrical feed, order wireway	
T90 18IN SL	Silver	cover T93 and T38	
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		

T-Bar Ceiling Pendant Stem Kit

Catalog #	Finish	Description
T91 12IN WH	White	• 12", 18", 24", 36", 48" stem lengths
T91 12IN BL	Black	• Attaches directly to junction box
T91 12IN SL	Silver	• Use two for 2', 4', or 6' of track or three
T91 18IN WH	White	for 8' and four for 12' of track
T91 18IN BL	Black	• For electrical feed, order wireway
T91 18IN SL	Silver	cover T93 and T38
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	

Rigid Ceiling Pendant Stem Kit

Catalog #	Finish	Description	Dimensions
T9091M 12IN WH	White	• For mechanical support only (no feed).	2-1/4"
T9091M 12IN BL	Black	Suspends track from T-bar or rigid ceilings.	
T9091M 12IN SL	Silver	• 12", 18", 24", 36", 48" stem lengths	
T9091M 18IN WH	White	• Use two for 2', 4', or 6' of track or	
T9091M 18IN BL	Black	three for 8' and four for 12' of track	
T9091M 18IN SL	Silver	• Includes Mini-Canopy, pendant stem,	1/2" diameter
T9091M 24IN WH	White	1-5/16" T-bar clip, drywall anchor and	
T9091M 24IN BL	Black	track mounting hardware.	
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		

Pendant Stem Mechanical Support Kit

Trac-Master® | Track System Components
One-Circuit System

Pendant Mounting Accessories (cont)

Pendant Stem Coupling

Catalog #	Finish	Description
T96 WH	White	• Joins pendant stems for use in higher ceiling applications
T96 BL	Black	• Contact factory to order additional pendant stems in desired length (12", 18", 24", 36", 48") and finish
T96 SL	Silver	

Pendant Slope Ceiling Adapter

Catalog #	Finish	Description
T94 WH	White	• Allows T90 or T91 pendant to hang straight down from sloped ceilings
T94 BL	Black	• Can be used to feed electrical to track at up to 60° angle
T94 SL	Silver	

Feed Wireway Cover

Catalog #	Finish	Description	Dimensions
T93 WH	White	• For use with pendant stem kits T90 and T91	10 1/8"
T93 BL	Black	• Conceals electrical feed wires from stem to connector	
T93 SL	Silver	• One cover should be used for each track feed	

Straight Structural Bridge

Catalog #	Description
T92	• For use with T24 connector when used straight
	• Permits mounting pendant stem kits (T90, T91) at center of track connector

Corner Structural Bridge

Catalog #	Finish	Description
T92L WH	White	• For use with T24 connector when used at 90°
T92L BL	Black	• Permits mounting pendant stem kits (T90, T91) at center of track connector
T92L SL	Silver	

Track Wireway Cover

Catalog #	Finish	Description	Dimensions
T39 BL	Black	• 4' long black thermoplastic extrusion, covers wire carried in track wireway	46 1/2"
		• Use one for 4' track, two for 8' and three for 12' track	
		• Can be field cut	

Miscellaneous Mounting Accessories

Solid Rod Pendant Mounting Kit

Catalog #	Finish	Description
T56 WH	White	• Attaches solid 5/16" threaded rod to one or two-circuit track
T56 BL	Black	• Includes plastic cap, mounting bracket and hardware; rod not supplied
T56 SL	Silver	

T-Bar Attachment Clip

Catalog #	Description
T37F	• To attach track to inverted tee ceiling
T37D	• Use two for 2' or 4' track and three for 6', 8' or 12' track
T37F916	• T37F is compatible with 15/16" grid with flush tiles
T37D916	• T37D is compatible with 15/16" grid with drop tiles
	• T37F-9-16 is compatible with 9/16" grid with flush tiles
	• T37D-9-16 is compatible with 9/16" grid with drop tiles

Miscellaneous Track Accessories

	Catalog #	Finish	Description	Dimensions
Slope Ceiling Fixture Adapter	**T95 WH** **T95 BL**	White Black	• Attaches to track, permitting Juno Trac-Master and Trac-Lites fixtures using the standard square Super Adapter to be hung vertically from sloped ceiling • 90° maximum adjustment	4 3/4" max.
Pendant Adapter	**T31N WH** **T31N BL** **T31N SL**	White Black Silver	• Adapts cord, swag or chain-hung fixture to track • Includes strain relief for 3-wire cord (replaces chain loop) • 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. • UL Listed • 5A max	3-5/8" 2"

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

	Catalog #	Finish	Description	Dimensions
Planter or Utility Hook	**T32 WH** **T32 BL**	White Black	• Supports up to 25 lbs. • Not UL Listed	1 1/4"
Outlet Adapter	**T33 WH** **T33 BL** **T33 SL**	White Black Silver	• Provides electrical receptacle • Not UL Listed • 7A max	2"

Trac-Master® | Track System Components

Two-Circuit System

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

Two-Circuit Track Sections

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

Catalog #	Finish	Description	Dimensions
TU 2FT WH **TU 2FT BL** **TU 2FT SL**	White Black Silver	2' Two-Circuit Track (actual length 19 7/8") 5 contact supports included	
TU 4FT WH **TU 4FT BL** **TU 4FT SL**	White Black Silver	4' Two-Circuit Track (actual length 43 7/8") 5 contact supports included	13/16" 1 3/8"
TU 6FT WH **TU 6FT BL** **TU 6FT SL**	White Black Silver	6' Two-Circuit Track (actual length 67 7/8") 5 contact supports included	
TU 8FT WH **TU 8FT BL** **TU 8FT SL**	White Black Silver	8' Two-Circuit Track (actual length 91 7/8") 10 contact supports included	
TU 12FT WH **TU 12FT BL** **TU 12FT SL**	White Black Silver	12' Two-Circuit Track (actual length 139 7/8") 15 contact supports included	

Dead End

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

Track Dead End

Electrical End Feeds

Catalog #	Finish	Description	Dimensions
TU21 WH **TU21 BL** **TU21 SL**	White Black Silver	• For outlet box feed • Includes outlet cover, fixture strap and ground screw	4 1/4" 4 1/4"
TU21 RP WH **TU21 RP BL** **TU21 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	

End Feed Connector and Outlet Box Cover

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

Trac-Master® | Track System Components
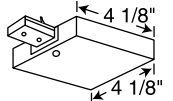
Two-Circuit System
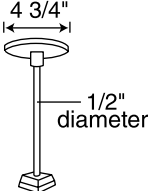
Electrical End Feeds (cont)

	Catalog #	Finish	Description	Dimensions
End Feed Connector	TU38 WH TU38 BL TU38 SL	White Black Silver	• Feed track from above with flexible conduit, BX, etc., or end feed in pendant systems • Accepts standard 1/2" connector	1 3/8" 3 1/4"
	TU38 RP WH TU38 RP BL TU38 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	

	Catalog #	Finish	Description	Dimensions
Conduit Adapter	TU34 WH TU34 BL TU34 SL	White Black Silver	• For surface wiring • Accepts standard 1/2" connector	3" 1 3/8"
	TU34 RP WH TU34 RP BL TU34 RP SL	White Black Silver	• Same as above except designed for use in opposite polarity orientation compared to standard adapters • See specification sheets for more details	

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 TU36 BL TU36 SL	White Black Silver	• Wiring compartment contains standard 1/2" KO's • Feeds surface track from above when 15/16" T-bar is directly above track	4 1/8" 4 1/8"
	TU36 RP WH TU36 RP BL TU36 RP SL	White Black Silver	• Same as above except designed for use in opposite polarity orientation compared to standard feeds • See specification sheets for more details	

Floating Electrical Feed

	Catalog #	Finish	Description	Dimensions
Floating Electrical Feed	TU29 WH TU29 BL TU29 SL	White Black Silver	• Permits mounting any point along track at the outlet box • Includes floating connector, outlet box cover and extra track dead end	4 5/8"
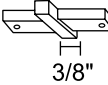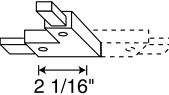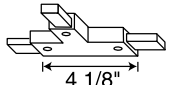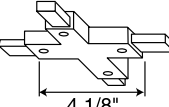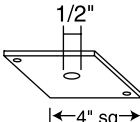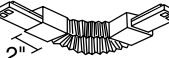
Electrical Joiner Feed

	Catalog #	Finish	Description	Dimensions
T-Bar Adjustable Joiner Feed	TU35 WH TU35 BL TU35 SL	White Black Silver	• Joins two track sections to make 90º angle or straight run • Wiring compartment contains standard 1/2" KO's • Feeds from above when 15/16" T-bar is directly above track	4 1/8" 4 1/8"

Trac-Master® | Track System Components
Two-Circuit System

Track Joiners
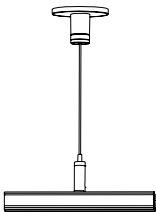
	Catalog #	Finish	Description	Dimensions
Miniature Straight Connector	**TU23 WH** **TU23 BL** **TU23 SL**	White Black Silver	• Joins two track sections end to end	3/8"
Adjustable Connector	**TU24 WH*** **TU24 BL*** **TU24 SL***	White Black Silver	• Joins two track sections to make 90˚ angle or straight run • Straight and right angle covers supplied • For outlet box feed, T27 cover plate also required (order separately)	2 1/16"
"T" Connector	**TU25 WH*** **TU25 BL*** **TU25 SL***	White Black Silver	• Joins three track sections • For outlet box feed, T27 cover plate also required (order separately)	4 1/8"
	TU25 RP WH* **TU25 RP BL*** **TU25 RP SL***	White Black Silver	• Same as above except designed for use in opposite polarity orientation compared to standard connectors • See specification sheets for more details	
"X" Connector	**TU26 WH*** **TU26 BL*** **TU26 SL***	White Black Silver	• Joins four track sections at 90˚ angles • For outlet box feed, T27 cover plate also required (order separately)	4 1/8"
Outlet Box Cover	**T27 WH** **T27 BL** **T27 SL**	White Black Silver	• Use with No. TU24, TU25, TU26, for outlet box electrical feed • Includes nipple, locknut and ground screw	1/2" 4" sq.
Accordion Adjustable Joiner	**TU20 WH** **TU20 BL** **TU20 SL**	White Black Silver	• Can flex to 90˚ angle to left, right, up or down • Joins two track sections	2"
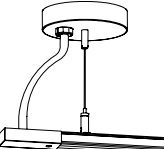
* TU24, TU25 and TU26 cannot be used as feed connectors in Canada.

Cable Suspension Kit

	Catalog #	Finish	Description
T-Bar/Rigid Ceiling Cable Suspension Kit	**T595 48IN WH** **T595 48IN BL** **T595 144IN WH** **T595 144IN BL**	White Black White Black	• Mechanical-only cable suspension kit for one-circuit or two-circuit track • Adjustable 48" or 144" cable • For use on 15/16" flush T-bar ceilings
	T597 48IN WH **T597 48IN BL** **T597 144IN WH** **T597 144IN BL**	White Black White Black	• Mechanical-only cable suspension kit for one-circuit or two-circuit track • Adjustable 48" or 144" cable • For use on rigid ceilings

	Catalog #	Finish	Description
Rigid Ceiling Cable Suspension/Feed Kit	**TU598 48IN WH** **TU598 48IN BL** **TU598 144IN WH** **TU598 144IN BL**	White Black White Black	• Cable suspension kit with 48" or 144" electrical feed for two-circuit track • For use on rigid ceilings • Order track electrical feed connector separately

Pendant Mounting Accessories

	Catalog #	Finish	Description	Dimensions
T-Bar Ceiling Pendant Stem Kit	**T90 12IN WH** **T90 12IN BL** **T90 12IN SL** **T90 18IN WH** **T90 18IN BL** **T90 18IN SL** **T90 24IN WH** **T90 24IN BL** **T90 24IN SL** **T90 36IN WH** **T90 36IN BL** **T90 36IN SL** **T90 48IN WH** **T90 48IN BL** **T90 48IN SL**	White Black Silver White Black Silver White Black Silver White Black Silver White Black Silver	• Compatible with 15/16" 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 T93 wireway cover and TU38 End Feed separately	4 3/4" 1/2" diameter
Rigid Ceiling Pendant Stem Kit	**T91 12IN WH** **T91 12IN BL** **T91 12IN SL** **T91 18IN WH** **T91 18IN BL** **T91 18IN SL** **T91 24IN WH** **T91 24IN BL** **T91 24IN SL** **T91 36IN WH** **T91 36IN BL** **T91 36IN SL** **T91 48IN WH** **T91 48IN BL** **T91 48IN SL**	White Black Silver White Black Silver White Black Silver White Black Silver White Black Silver	• 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 T93 wireway cover and TU38 End Feed separately	4 3/4" 1/2" diameter

Pendant Mounting Accessories

Catalog #	Finish	Description	Dimensions
T9091M 12IN WH	White	• 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.	2-1/4" 1/2" diameter
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		

Pendant Stem Mechanical Support Kit

Catalog #	Finish	Description
T96 WH	White	• Joins pendant stems for use in higher ceiling applications • Contact factory to order additional pendant stems in desired length (12", 18", 24", 36", 48") and finish
T96 BL	Black	
T96 SL	Silver	

Pendant Stem Coupling

Catalog #	Finish	Description
T94 WH	White	• Allows T90 or T91 pendant to hang straight down from sloped ceilings • Can be used to feed electrical to track at up to a 60° angle
T94 BL	Black	
T94 SL	Silver	

Slope Ceiling Pendant Adapter

Catalog #	Finish	Description	Dimensions
T93 WH	White	• For pendant stem kits T90 and T91 • Conceals electrical feed wires from stem to track connector • One cover should be used for each track feed	10 1/8"
T93 BL	Black		
T93 SL	Silver		

Feed Wireway Cover

Catalog #	Finish	Description	Dimensions
T39 BL	Black	• 4' black thermoplastic extrusion covers wire carried in track wireway • Use one for 4' track, two for 8' and three for 12' track • Can be field cut	46 1/2"

Track Wireway Cover

Trac-Master® | Track System Components
Two-Circuit System

Miscellaneous Mounting Accessories

	Catalog #	Finish	Description
Solid Rod Pendant Mounting Kit	**T56 WH** **T56 BL** **T56 SL**	White Black Silver	• Attaches solid 5/16" threaded rod to one or two-circuit track • Includes: plastic cap, mounting bracket and hardware • Rod not supplied

	Catalog #		Description
T-Bar Attachment Clip	**T37F** **T37D** **T37F916** **T37D916**		• To attach track to inverted tee ceiling • Use two for 2' or 4' track and three for 6', 8' or 12' track • T37F is compatible with 15/16" grid with flush tiles • T37D is compatible with 15/16" grid with drop tiles • T37F916 is compatible with 9/16" grid with flush tiles • T37D916 is compatible with 9/16" grid with drop tiles

	Catalog #	Finish	Description	Dimensions
Slope Ceiling Fixture Adapter	**T95 WH** **T95 BL**	White Black	• Attaches to track, permitting Juno Trac-Master and Trac-Lites fixtures using the standard square Super Adapter to be hung vertically from sloped ceiling • 90˚ maximum adjustment	4 3/4" max.

	Catalog #	Finish	Description	Dimensions
Pendant Adapter	**T31N WH** **T31N BL** **T31N SL**	White Black Silver	• Adapts cord, swag or chain-hung fixture to track • Includes strain relief for 3-wire cord (replaces chain loop) • 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. • UL Listed • 5A max	3-5/8″ 2″

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

	Catalog #	Finish	Description	Dimensions
Planter or Utility Hook	**T32 WH** **T32 BL**	White Black	• Supports up to 25 lbs. • Not UL Listed	1 1/4"

	Catalog #	Finish	Description	Dimensions
Outlet Adapter	**T33 WH** **T33 BL** **T33 SL**	White Black Silver	• Provides electrical receptacle • Not UL Listed • 7A max	2″

Trac-Master® | Track System Components
Recessed Trac System

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

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

Recessed Trac Sections

	Catalog #	Finish	Description	Dimensions
	TREC 4FT WH	White	4' Recessed Trac (One circuit, actual length 43 7/8")	1 1/8" 1 5/8" 2 3/8"
	TREC 8FT WH	White	8' Recessed Trac (One circuit, actual length 91 7/8")	

Recessed Trac Connectors

	Catalog #	Finish	Description	Dimensions
End Feed Connector	**T121 WH**	White	• With wiring box for electrifying track	5" 2 5/8" 3 7/8"
Mini Straight Connector	**T123 WH**	White	• Mechanically and electrically joins two track sections end to end	2 5/8" 3/8"
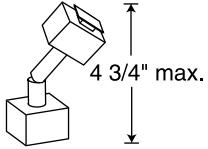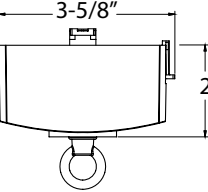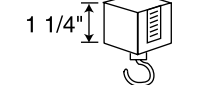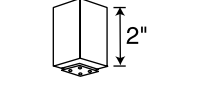
Miscellaneous Track Accessories

Catalog #	Finish	Description	Dimensions
T95 WH **T95 BL**	White Black	• 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 • 90º maximum adjustment	4 3/4" max.

Slope Ceiling Fixture Adapter

Catalog #	Finish	Description	Dimensions
T31N WH **T31N BL** **T31N SL**	White Black Silver	• Adapts swag or chain-hung fixture to track • Includes strain relief for 3-wire cord (replaces chain loop) • 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. • UL Listed • 5A max	3-5/8" 2"

Pendant Adapter

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

Catalog #	Finish	Description	Dimensions
T32 WH **T32 BL**	White Black	• Supports up to 25 lbs. • Not UL Listed	1 1/4"

Planter or Utility Hook

Catalog #	Finish	Description	Dimensions
T33 WH **T33 BL** **T33 SL**	White Black Silver	• Provides electrical receptacle • Not UL Listed • 7A max	2"

Outlet Adapter

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

Low Voltage

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

* 24IN 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.
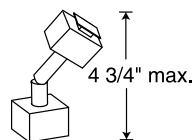
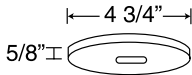| Catalog #	Finish	Dimensions
T95 WH T95 BL	White Black	4 3/4" max.

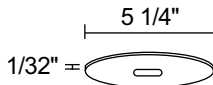# Trac-Master® | Track System Components
Monopoints

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
Line Voltage Monopoint	T40N WH	White	• Mounts directly to outlet box	4 3/4"
	T40N BL	Black	• Accepts Juno Trac-Master & Trac-Lites	5/8"
	T40N SL	Silver	120V track fixtures	
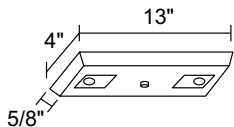
	Catalog #	Finish	Description	Dimensions
Line Voltage Monopoint-Flush Mount	T40F WH	White	• Mounts directly to 4" outlet box only	5 1/4"
	T40F BL	Black	• Accepts Juno Trac-Master & Trac-Lites 120V track fixtures using the standard square Super Adapter	1/32"
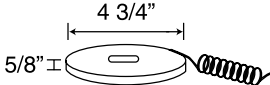
	Catalog #	Finish	Description	Dimensions
Low Voltage Monopoint	T58 WH	White	• Mounts directly to outlet box	6 1/2"
	T58 BL	Black	• Designed to be used with T537 Transformers or with T252L fixtures	1/2"

	Catalog #	Finish	Description	Dimensions
Line Voltage Duopoint	T41N WH	White	• Mounts directly to outlet box	13"
	T41N BL	Black	• Accepts two Juno Trac-Master or Trac-Lites 120V track fixtures	4" / 5/8"

Special Monopoints

	Catalog #	Finish	Description	Dimensions
Weighted Base	T42N WH	White	• Heavy base enables track fixture to be placed on a horizontal surface (i.e. floor, shelf) and aimed upwards	4 3/4"
	T42N BL	Black	• Accepts Juno Trac-Master & Trac-Lites 120V track fixtures	5/8"
			• Supplied with 8' cord and plug for portable use	

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.

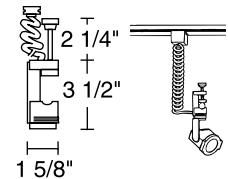Track Line Voltage Coil Cord Clamp-On

Super Adapter Catalog #	Finish	Description	Dimensions
T132 WH **T132 BL**	White Black	• 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'	2 1/4" 3 1/2" 1 5/8"

Plug-In Line Voltage Coil Cord Clamp-On

Super Adapter Catalog #	Finish	Description	Dimensions
T133 WH **T133 BL**	White Black	• 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'	2 1/4" 3 1/2" 1 5/8"

Outrigger Track Mounting Bracket (non-electrified)

Outrigger Track Mounting Bracket

Catalog #	Finish	Description	Dimensions
T47 WH **T47 BL**	White Black	• 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	24"L x 8"H

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

Juno® Trac-Master

Trac-Master® | Track System Components
Low Voltage Transformers

LED-Compatible Low Voltage Transformers

Designer Transformer

Catalog #	Finish	Description	Dimensions
T537 G2 LED WH	White	• Low profile designer 12V, 60VA electronic transformer with On/Off switch	6 7/8"
T537 G2 LED BL	Black	• Attaches to all Trac-Master or Trac-Lites track	1 3/4"
T537 G2 LED SL	Silver	• Compatible with 12V AC LED or halogen fixtures consuming up to 60W	
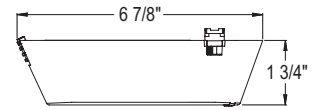
Note: T537 is available with GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.

LED-Compatible Quick Jack Low Voltage Transformers

Quick Jack Transformer

Catalog #	Finish	Description	Dimensions
T537QJ G2 LED WH	White	• Low profile designer 12V, 60VA Quick Jack electronic transformer with On/Off switch	6 7/8"
T537QJ G2 LED BL	Black	• Attaches to all Trac-Master or Trac-Lites track	1 3/4" 2 1/4"
T537QJ G2 LED SL	Silver	• Compatible with 12V AC LED or halogen fixtures with Quick Jack adapter, consuming up to 60W	1 1/4" 1/4"
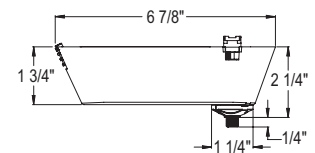
Note: T537QJ is available with GTYPE, HTYPE and LTYPE Alternate Mounting Adapters – see specification sheet for details.

The product and system may be covered by the following United States patent: D394,241

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

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[1]		Enclosure Mountings
T24 Standard (21 breakers max.)	**1077UL** Standard	**(qty) BP** # of positions	**1A(qty)** 1 amp breaker		**SM** Surface Mount
T24M Mini (12 breakers max.)			**2A(qty)** 2 amp breaker		**FM** Flush Mount
			3A(qty) 3 amp breaker		
			4A(qty) 4 amp breaker		
			5A(qty) 5 amp breaker		
			6A(qty) 6 amp breaker		
			7A(qty) 7 amp breaker		
			8A(qty) 8 amp breaker		
			10A(qty) 10 amp breaker		
			13A(qty) 13 amp breaker		
			15A(qty) 15 amp breaker		

[1] Total number of (qty) breakers must equal the number of breaker positions.

Trac-Master® | Track System Current Limiting Solutions
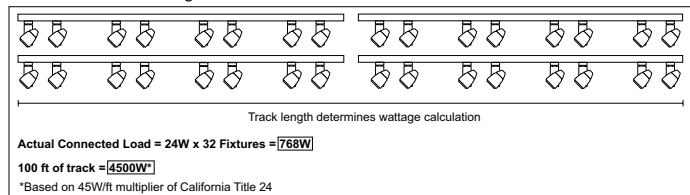## T24 & T24M – The SilverBullet

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
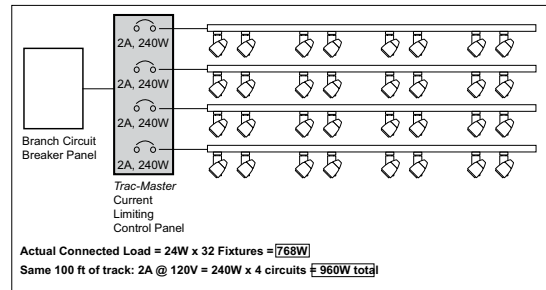
Track length determines wattage calculation

Actual Connected Load = 24W x 32 Fixtures = 768W

100 ft of track = 4500W*

*Based on 45W/ft multiplier of California Title 24

With Current Limiting

2A, 240W

2A, 240W

2A, 240W

2A, 240W

Branch Circuit Breaker Panel

Trac-Master Current Limiting Control Panel

Actual Connected Load = 24W x 32 Fixtures = 768W

Same 100 ft of track: 2A @ 120V = 240W x 4 circuits = 960W total

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
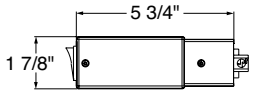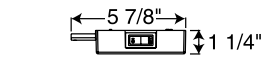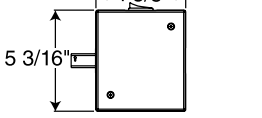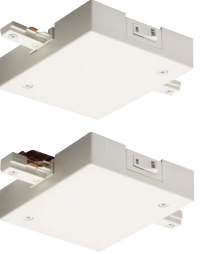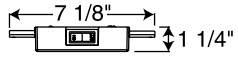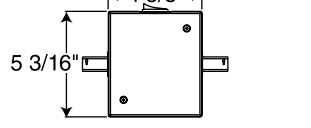
Supplementary Circuit Breakers Miniature single pole supplementary current limiters limit the current (wattage) that can be consumed on the track section being fed • Utilizes hydraulic magnetic technology which provides accurate and reliable circuit protection even when exposed to extremely hot and/or 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
Mini End Feeds	**TCLFM11 WH** **TCLFM11 BL** **TCLFM11 SL**	White Black Silver	1-Circuit	End Feed	5 3/4" 1 7/8"
	TCLFM11 RP WH **TCLFM11 RP BL** **TCLFM11 RP SL**	White Black Silver	1-Circuit	Same as above except designed for use in opposite polarity orientation compared to standard feeds – see specification sheets for more details	1 1/4"

	Catalog #	Finish	Track Type	Description	Dimensions
	TCLF11 WH **TCLF11 BL** **TCLF11 SL**	White Black Silver	1-Circuit	End Feed	5 7/8" 1 1/4" 4 5/8" 5 3/16"
End Feeds	**TUCLF11 WH** **TUCLF11 BL** **TUCLF11 SL**	White Black Silver	2-Circuit	End Feed	

	Catalog #	Finish	Track Type	Description	Dimensions
	TCLF21 WH **TCLF21 BL** **TCLF21 SL**	White Black Silver	1-Circuit	In-Line Feed	7 1/8" 1 1/4" 4 5/8" 5 3/16"
In-Line Feeds	**TUCLF21 WH** **TUCLF21 BL** **TUCLF21 SL**	White Black Silver	2-Circuit	In-Line Feed	

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

Catalog #	Description	Wattage	Finish
TCLCB 0.5A	0.5A Current Limiting Circuit Breaker	60W	WHT, BLCK
TCLCB 1A	1A Current Limiting Circuit Breaker	120W	WHT, BLCK
TCLCB 2A	2A Current Limiting Circuit Breaker	240W	WHT, BLCK
TCLCB 3A	3A Current Limiting Circuit Breaker	360W	WHT, BLCK
TCLCB 4A	4A Current Limiting Circuit Breaker	480W	WHT, BLCK
TCLCB 5A	5A Current Limiting Circuit Breaker	600W	WHT, BLCK
TCLCB 6A	6A Current Limiting Circuit Breaker	720W	WHT, BLCK
TCLCB 7A	7A Current Limiting Circuit Breaker	840W	WHT, BLCK
TCLCB 8A	8A Current Limiting Circuit Breaker	960W	WHT, BLCK
TCLCB 10A	10A Current Limiting Circuit Breaker	1200W	WHT, BLCK
TCLCB 12A	12A Current Limiting Circuit Breaker	1440W	WHT, BLCK
TCLCB 14A	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.
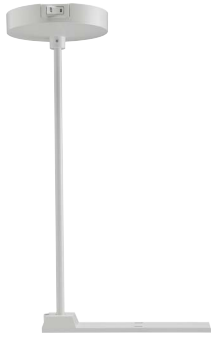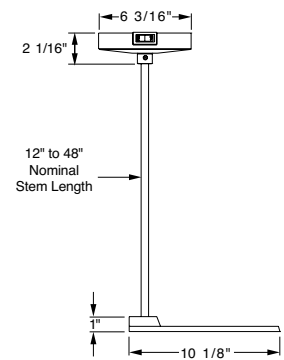
T-Bar Ceiling Mount

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

6 3/16"
2 1/16"
12" to 48" Nominal Stem Length
1"
10 1/8"

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

6 3/16"
2 1/16"
12" to 48" Nominal Stem Length
1"
10 1/8"

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.					
Beam Control Lenses						
	These alter the light distribution, enlarging or elongating it, softening the beam edge or removing striations.	Prismatic Spread Lens	**PRISM 200**	T252L, T261L, T381L, T382L, T383L, T841*	**PRISM 275**	T385L*, T387L*
		Linear Spread Lens	**LSPREAD 200**		**LSPREAD 275**	
		Uniformity Lens (Solite™)	**SOLITE 200**		**SOLITE 275**	
		Diffusion Lens	**DIFF 200**		**DIFF 275**	
UV Filters						
	These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect sensitive art and objects from light degradation.		**UVF 200**		**UVF 275**	
Dichroic Color Correction Filters						
	Color Correction Filters correct the light, to warm it up to approximate incandescent.	Halogen-to-Incandescent, 2700K	**DCCF 200 HAL2700**			
Color Filters		**Dichroic Glass Filters**				
	Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.	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**	
		Colored Glass Filters				
		Medium Pink	**CGF 200 MPINK**		**CGF 275 MPINK**	
		Warm Red	**CGF 200 WRED**		**CGF 275 WRED**	
		Daylight Blue	**CGF 200 DLTBLUE**		**CGF 275 DLTBLUE**	
		Medium Blue	**CGF 200 MBLU**		**CGF 275 MBLU**	
		Medium Amber	**CGF 200 MAMB**		**CGF 275 MAMB**	
		Medium Green	**CGF 200 MGRN**		**CGF 275 MGRN**	
Louvers and Cross Baffles						
	Louvers and Cross Baffles provide greater visual source cut-off and reduce perceived fixture brightness.	Hexcell Louvers	**HCLBL 200**		**HCLBL 300**	
		Cube Cell Louvers				
		Cross Baffles				

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
T560BL	T313	**T770BL*, T770SL*, T770WH***	T283L, T285L, T286L		
		TAH BLCK 469*	T1030, T1031S	**TAH BLCK 550**	T1038
PRISM 375	T254L*, T262L*, T263L*, T388L* and fixtures with T560BL Accessory Holder or Barn Doors noted below	**PRISM 469**	T255L*, T265L*, T267L*, T368 and fixtures with T770 or TAH BLCK 469 Accessory Holder or Barn Doors noted below		
LSPREAD 375		**LSPREAD 469**			
SOLITE 375		**SOLITE 469**			
DIFF 375		**DIFF 469**			
UVF 375		**UVF 469**			
DGF 375 DRED		**DGF 469 DRED**			
DGF 375 MGRN		**DGF 469 MGRN**			
DGF 375 MBLU		**DGF 469 MBLU**			
DGF 375 DYEL		**DGF 469 DYEL**			
DGF 375 MAGEN		**DGF 469 MAGEN**			
DGF 375 CYAN		**DGF 469 CYAN**			
CGF 375 MPINK		**CGF 469 MPINK**		**CGF 550 MPINK**	Fixtures with TAH BLCK 550 Accessory Holder
CGF 375 WRED		**CGF 469 WRED**		**CGF 550 WRED**	
CGF 375 DLTBLUE		**CGF 469 DLTBLUE**		**CGF 550 DLTBLUE**	
CGF 375 MBLU		**CGF 469 MBLU**		**CGF 550 MBLU**	
CGF 375 MAMB		**CGF 469 MAMB**		**CGF 550 MAMB**	
CGF 375 MGRN		**CGF 469 MGRN**		**CGF 550 MGRN**	
HCLBL 375		**HCLBL 469**			
CCLBL 375		**CCLBL 469**		**CCLBL 550**	
		XBAFLBL 469			

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

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

			2" DIAMETER	COMPATIBLE WITH	2-3/4" DIAMETER	COMPATIBLE WITH
	Eyebrows and Snoots extend lamp shielding and can reduce spill light at the edge of a beam pattern.	Eyebrows				
		Snoots	**SNOOTBL 200**	T252L, T261L, T381L, T382L, T383L, T841*	**SNOOTBL 275**	T385L*, T387L*

Barn Doors

			2" DIAMETER	COMPATIBLE WITH	2-3/4" DIAMETER	COMPATIBLE WITH
	Barn Doors create a theatrical look and allow control of the spill light at the edge of a beam pattern.	Barn Doors				

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

Light Control Accessories

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

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	T257L	T381L	T1030
R605L	T261L	T382L	T1031S
R606L	T262L	T383L	T1038
R610L	T263L	T385L	T1040 H
R612L	T265L	T387L	T1050L
R620L	T267L	T388L	T1051L
T31N	T271L	T537	T1021L
T252L	T272L	T537QJ	T1053L
T254L	T283L	T690	T1054L
T255L	T285L	T691	T1056L
T256L	T286L	T1020	T1058L

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

JUNO®

Category | Product Selector | What's New | Gallery

Search

Products   Product

Filters −

Lighting Product Type +

Marketable Name +

Light Source +

Lamp Shape +

Lamp Base +

Track Mounting Adaptor Type +

Juno
T265L Trac Head
Trac-Master® Conix® II LED Trac Head

Lamp Base +

Track Mounting Adaptor Type −

CANOPY 3
Flex 12 20
GTYPE 90
HTEK 37
HTYPE 94
JTYPE 181
LTYPE 91
MonoLine 28
Quick Jack 13
TEK 89
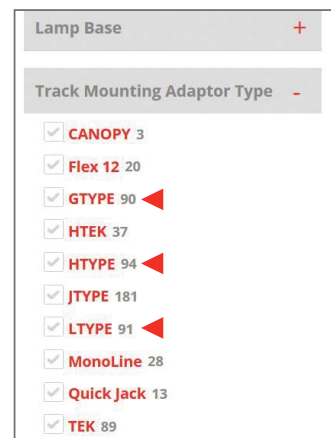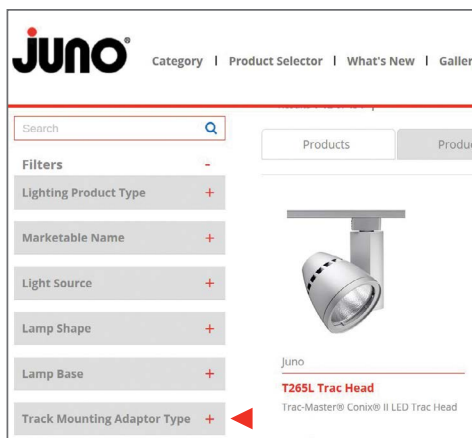
ConTech® is a registered trademark of ConTech Lighting.

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

2-15/16"

6-5/16"

3-15/16"

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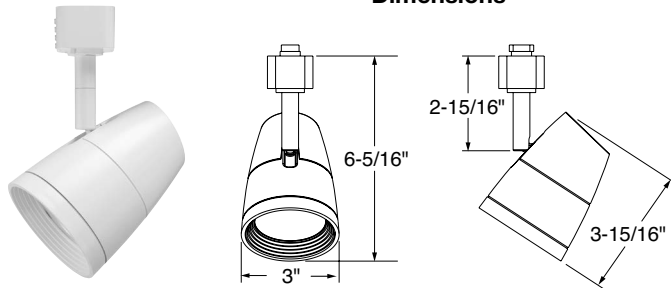
Ordering Information							Ordering Example: **R600L G2 27K 97CRI PDIM NFL BL**
Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
R600L 10W Truncated Cone LED	**(Blank)** Juno Universal 120V Trac Adapter **GTYPE[1]** G-Type Trac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

[1] GTYPE and HTYPE adapters available in BL, SL, and WH finish only. [2] LTYPE adapter available in BL and WH finish only.
[3] Special order - may have extended lead-times or order minimums; 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.

Dimensions

6 5/8"

2 1/2"

2 15/16"

4 7/16"
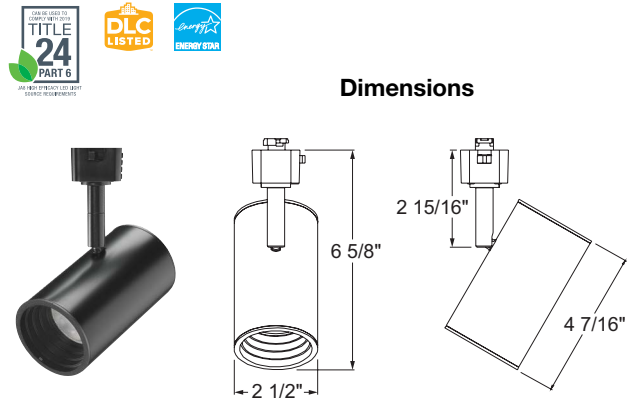
Ordering Information   Ordering Example: R605L 27K 80CRI PDIM FL BL

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

[1] GTYPE and HTYPE adapters available in BL, SL, and WH finish only. [2] LTYPE adapter available in BL and WH finish only.
[3] BZ finish available on R605L only.

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

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

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

9-11/16"
3 1/2"
5-3/16"
6-9/16"
8-1/2"
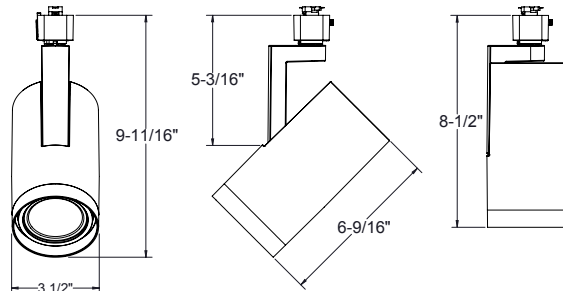
Ordering Information

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
R610L 21W LED Integral Driver Cylinder **R612L** 37W LED Integral Driver Cylinder	**(Blank)** Juno Universal 120V Trac Adapter **HTEK**[1,2] HTEK 277V Trac Adapter **TEK**[1] TEK 120V Trac Adapter **GTYPE**[1] G-Type Trac Adapter **HTYPE**[1] H-Type Trac Adapter **LTYPE**[2] L-Type Trac Adapter	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI **90CRI** 90 CRI	**OFF**[2] On/Off (Non-Dimming) **PDIM** Phase Dimmable	**SP** Spot **NFL** Narrow Flood **FL** Flood **WFL** Wide Flood		**BL** Black **SL** Silver **WH** White		**AHR610 BLCK** Accessory Holder for R610L/R612L - Black **AHR610 WHT** Accessory Holder R610L/R612L - White

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

Accessories

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

* Filters, lenses, louver, 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

8-5/16"
3"
5-1/2"
7-1/2"
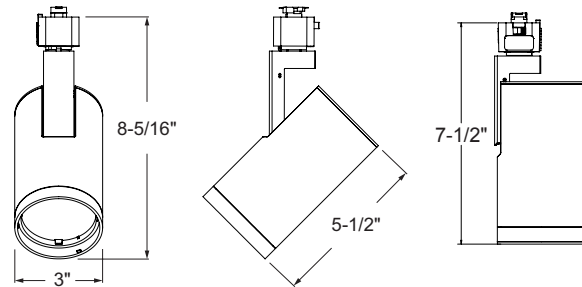
Ordering Information

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
R620L 15W LED Adjustable Beam Cylinder	**(Blank)** Juno Universal 120V Trac Adapter **TEK** TEK 120V Trac Adapter **GTYPE** G-Type Trac Adapter **HTYPE** H-Type Trac Adapter **LTYPE** L-Type Trac Adapter	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI **90CRI** 90 CRI	**PDIM** Phase Dimmable	**VBS** Variable Beam System	**BL** Black **SL** Silver **WH** White	**AHR620 BLCK** Accessory Holder for R620L - Black **AHR620 WHT** Accessory Holder for R620L - White

Accessories

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

* Filters, lenses, louver, 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	Dimensions
R711 WH	White	120V, 50W max. PAR16/MR16 GU10	
R711 BL	Black		

Aiming lock helps retain fixture position during relamping.
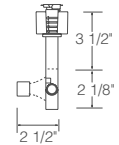
Round Back Cylinder

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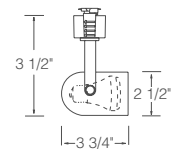
Cast Cube

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

Aiming locks help retain fixture position during relamping.
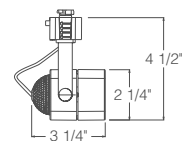
Flare

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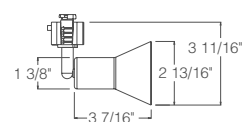
Odyssey

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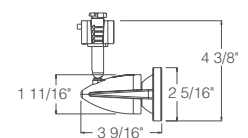
Bell

Catalog #	Finish	Lamp	Dimensions
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.
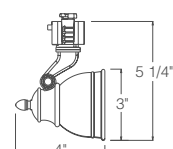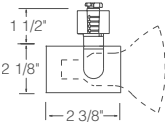
Trac-Lites™ | Line Voltage Spotlights

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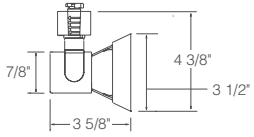
Universal
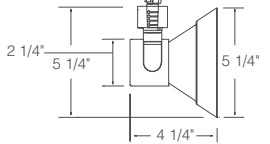
Simplicity and flexibility in a tight-to-the-track design head the list of key features of the Trac-Lites™ Universal fixtures.
Use PAR20 lamps for the smallest footprint or PAR30 lamps if more light is desired.

Catalog #	Finish	Lamp	Dimensions
R541 WH	White	75W max. PAR20/PAR30	1 1/2"
R541 BL	Black		2 1/8"
			2 3/8"

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	White	50W max. PAR20	4 3/8"
R531 BL	Black		7/8"
R531 SC	Satin Chrome		3 1/2"
			3 5/8"

Catalog #	Finish	Lamp	Dimensions
R532 WH	White	75W max. PAR30	2 1/4"
R532 BL	Black		5 1/4"
			5 1/4"
			4 1/4"
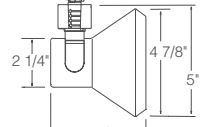
Trac-Lites™ | Line Voltage Spotlights
Flared Steps

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 #	Finish	Lamp	Dimensions
R551 WH	White	50W max. PAR20	
R551 BL	Black		
R551 SC	Satin Chrome		
R551 BZ	Bronze		

1 7/8"   4 3/8"   3 1/2"   3 3/4"

Catalog #	Finish	Lamp	Dimensions
R552 WH	White	75W max. PAR30	
R552 BL	Black		
R552 SC	Satin Chrome		
R552 BZ	Bronze		

2 1/4"   4 7/8"   5"   4 3/8"

Catalog #	Finish	Lamp	Dimensions
R550 WH	White	120W max. PAR38	
R550 BL	Black		

5 9/16"   2 1/2"   6"   3 11/16"   5 7/8"

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.

	Catalog #	Finish	Lamp	Dimensions
	R500 WH	White	50W max. R20/PAR20	4" 3 1/2" 5"
	R500 BL	Black		
	Without Baffle			

	Catalog #	Finish	Lamp	Dimensions
	R501 WHB WH	White/White Baffle	50W max. R20/PAR20	4" 3 1/2" 5 1/8"
	R501 BLB WH	White/Black Baffle		
	R501 BLB BL	Black/Black Baffle		
	R501 BLB PB	Polished Brass/Black Baffle		

	Catalog #	Finish	Lamp	Dimensions
	R502 WHB WH	White/White Baffle	75W max. BR30/PAR30/PAR30L	4" 4 3/8" 6"
	R502 BLB WH	White/Black Baffle		
	R502 BLB BL	Black/Black Baffle		

Flat Back Cylinders
These long-standing traditional lampholders accept a range of R, BR and PAR lamps and provide deep lamp shielding.
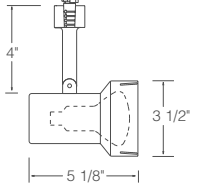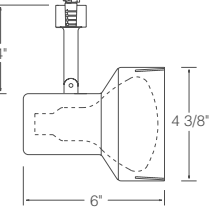
	Catalog #	Finish	Lamp	Dimensions
	R521 WHB WH	White/White Baffle	50W max. R20/PAR20	4" 3 1/2" 4 7/8"

	Catalog #	Finish	Lamp	Dimensions
	R522 WHB WH	White/White Baffle	75W max. BR30/PAR30/PAR30L	4" 4 3/8" 6 1/8"

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.

Catalog #	Finish	Lamp	Dimensions
R511 WHB WH	White/White Baffle	50W max. R20/PAR20	
R511 BLB BL	Black/Black Baffle		

Catalog #	Finish	Lamp	Dimensions
R512 WHB WH	White/White Baffle	75W max. BR30/PAR30/PAR30L	
R512 BLB WH	White/Black Baffle		
R512 BLB BL	Black/Black Baffle		

Short neck PAR30 requires T599 Socket Extender

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.

Catalog #	Finish	Lamp	Dimensions
R533 WH	White	75W max. PAR30	
R533 BL	Black		

Catalog #	Finish	Lamp	Dimensions
R534 WH	White	120W max. PAR38	
R534 BL	Black		

Trac-Lites™ | **System Components**
Track Sections & Electrical Feeds

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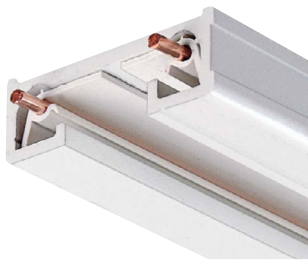
Features
- Low 1/2" profile fits snugly to ceiling
- Rigid extruded aluminum channel
- Standard solid 12-gauge copper conductors
- 20 Amp capacity
- Debossed polarity line provides visual alignment with fixture and connector polarity arrows
- One circuit only
- Dead end and mounting hardware included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

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

Dimensions: 1/2", 1 3/8"
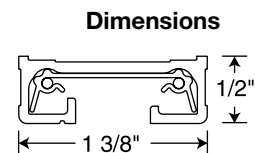
Track Dead End

Track Dead Feed

Catalog #	Finish	Description
R28 WH	White	• Only required when terminating extra field cut-off sections
R28 BL	Black	• One supplied with track section
R28 SL	Silver	
R28 BZ	Bronze	

Electrical Feeds

End Feed Connector and Outlet Box Cover

Catalog #	Finish	Description	Dimensions
R21 WH	White	• For outlet box feed	4 1/4"
R21 BL	Black	• Includes outlet box cover, fixture strap, and ground screw	4 1/4"
R21 SL	Silver		
R21 BZ	Bronze		
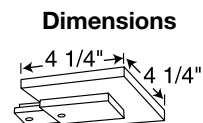
End Feed Connector

Catalog #	Finish	Description	Dimensions
R38 WH	White	• Feeds track from above with Flex or BX	1 3/8"
R38 BL	Black	• Accepts standard 1/2" electrical connector	3 1/4"
R38 SL	Silver		
R38 BZ	Bronze		
R38 RP WH	White	• Same as above except designed for use in opposite polarity orientation compared to standard feed connectors	
R38 RP BL	Black	• See specification sheets for more details	

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

Electrical Feeds (cont)

Conduit Feed

Catalog #	Finish	Description
R34 WH	White	• For surface wiring using standard 1/2" electrical connector
R34 BL	Black	
R34 SL	Silver	
R34 BZ	Bronze	
R34 RP WH	White	• Same as above except designed for use in opposite polarity orientation compared to standard feeds
R34 RP BL	Black	• See specification sheets for more details

Dimensions
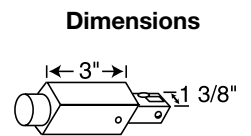
T-Bar End Feed

Catalog #	Finish	Description
R36 WH	White	• Wiring compartment contains standard 1/2" K.O.'s
R36 BL	Black	
R36 SL	Silver	• Feeds track from above when 15/16" T-bar is directly above track
R36 BZ	Bronze	
R36 RP WH	White	• Same as above except designed for use in opposite polarity orientation compared to standard feeds
		• See specification sheets for more details

Dimensions
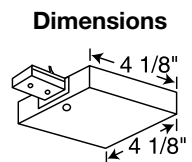
Floating Electrical Feed

Catalog #	Finish	Description
R29 WH	White	• Permits mounting at any point along track at outlet box
R29 BL	Black	• Includes floating connector, outlet box cover, and track dead end
R29 SL	Silver	
R29 BZ	Bronze	

Dimensions
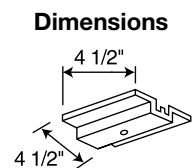
Cord and Plug Connector

Catalog #	Finish	Description
R22 WH	White	• 15' 2-wire white cord
R22 BL	Black	• Includes surface wire retainers and in-line switch
R22 SL	Silver	• 7 Amp maximum
R22 BZ	Bronze	• Not UL Rated
R122 WH	White	• Same as above but with three wires and matching color cords
R122 BL	Black	• No switch
R122 SL	Silver	• 7 Amp maximum
R122 BZ	Bronze	• Not UL Rated

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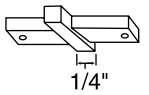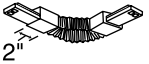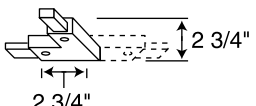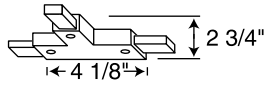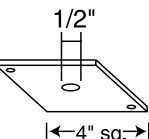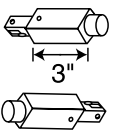
The product and system may be covered by the following United States patent: US 5,259,774

Trac-Lites™ | System Components
Connectors

Connectors
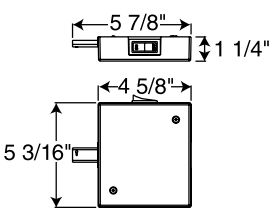
	Catalog #	Finish	Description	Dimensions
Miniature Straight Connector	**R23 WH**	White	• Joins two track sections end to end	1/4"
	R23 BL	Black		
	R23 SL	Silver		
	R23 BZ	Bronze		

	Catalog #	Finish	Description	Dimensions
Flexible Adjustable Joiner	**R20 WH**	White	• Joins two track sections	2"
	R20 BL	Black	• Can flex to 90° to the left, right, up or down	
	R20 SL	Silver		
	R20 BZ	Bronze		

	Catalog #	Finish	Description	Dimensions
Adjustable Connector	**R24 WH**	White	• Joins two track sections to make a 90° angle or straight run	2 3/4"
	R24 BL	Black	• T27 required for junction box feed	2 3/4"
	R24 SL	Silver	• Straight and right angle covers supplied	
	R24 BZ	Bronze		

	Catalog #	Finish	Description	Dimensions
"T" Connector	**R25 WH**	White	• Joins three track sections	2 3/4"
	R25 BL	Black	• T27 required for junction box feed	4 1/8"
	R25 SL	Silver		
	R25 BZ	Bronze		
	R25 RP WH	White	• Same as above except designed for use in opposite polarity orientation compared to standard connectors	
	R25 RP BL	Black		
	R25 RP SL	Silver		
	R25 RP BZ	Bronze	• See specification sheets for more details	

	Catalog #	Finish	Description	Dimensions
Outlet Box Cover	**T27 WH**	White	• Use with R24 and R25 for outlet box electrical feed	1/2"
	T27 BL	Black	• Includes nipple, locknut, and ground screw	4" sq.
	T27 SL	Silver		
	T27 BZ	Bronze		

	Catalog #	Finish	Description	Dimensions
Track Continuation Kit	**R49 WH**	White	• Two conduit adapters (one left R34 and one right R34) to continue track run around or thru obstructions	3"
	R49 BL	Black		
	R49 SL	Silver		
	R49 BZ	Bronze	• Use with standard 1/2" electrical connectors	
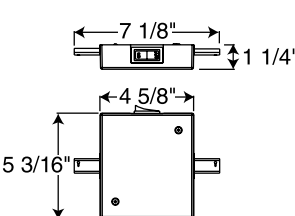
Trac-Lites™ | System Components
Current Limiting Feeds & Circuit Breakers

Current Limiting Feeds

Catalog #	Finish	Track Type	Description	Dimensions
RCLFM11 WH	White	1-Circuit	Mini End Feed	5 1/2"
RCLFM11 BL	Black			1 7/8"
RCLFM11 SL	Silver			1 1/16"
RCLFM11 BZ	Bronze			
RCLFM11 RP WH	White	1-Circuit	Same as above except designed for use in opposite polarity orientation compared to standard feeds – see specification sheets for more details	
RCLFM11 RP BL	Black			
RCLFM11 RP SL	Silver			
RCLFM11 RP BZ	Bronze			

Mini End Feed

Catalog #	Finish	Track Type	Description	Dimensions
RCLF11 RP WH	White	1-Circuit	End Feed	5 7/8" — 1 1/4"
RCLF11 RP BL	Black			4 5/8" / 5 3/16"

End Feed

Catalog #	Finish	Track Type	Description	Dimensions
RCLF21 RP WH	White	1-Circuit	In-Line Feed	7 1/8" — 1 1/4"
RCLF21 RP BL	Black			4 5/8" / 5 3/16"

In-Line Feed

Current Limiting Circuit Breakers - Order Separately		Example: **RCLF11 BL and TCLCB 5A BLCK**		
Catalog # Dimensions	Descriptions		Wattage	Finish
TCLCB 0.5A	0.5A Current Limiting Circuit Breaker		60W	WHT, BLCK
TCLCB 1A	1A Current Limiting Circuit Breaker		120W	WHT, BLCK
TCLCB 2A	2A Current Limiting Circuit Breaker		240W	WHT, BLCK
TCLCB 3A	3A Current Limiting Circuit Breaker		360W	WHT, BLCK
TCLCB 4A	4A Current Limiting Circuit Breaker		480W	WHT, BLCK
TCLCB 5A	5A Current Limiting Circuit Breaker		600W	WHT, BLCK
TCLCB 6A	6A Current Limiting Circuit Breaker		720W	WHT, BLCK
TCLCB 7A	7A Current Limiting Circuit Breaker		840W	WHT, BLCK
TCLCB 8A	8A Current Limiting Circuit Breaker		960W	WHT, BLCK
TCLCB 10A	10A Current Limiting Circuit Breaker		1200W	WHT, BLCK
TCLCB 12A	12A Current Limiting Circuit Breaker		1440W	WHT, BLCK
TCLCB 14A	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.

Catalog #	Finish	Description	Dimensions
T90CLF 12IN BL	Black	• Compatible with 15/16" flush T-bar ceilings	6 3/16"
T90CLF 12IN SL	Silver	• 12", 18", 24", 36", 48" stem lengths	2 1/16"
T90CLF 12IN WH	White	• Includes mounting plate, canopy, stem and wireway cover (order R38 track feed connector and current limiting circuit breaker separately – see page 115)	12" to 48" Nominal Stem Length
T90CLF 18IN BL	Black		
T90CLF 18IN SL	Silver		
T90CLF 18IN WH	White		
T90CLF 24IN BL	Black		1"
T90CLF 24IN SL	Silver		
T90CLF 24IN WH	White		10 1/8"
T90CLF 36IN BL	Black		
T90CLF 36IN SL	Silver		
T90CLF 36IN WH	White		
T90CLF 48IN BL	Black		
T90CLF 48IN SL	Silver		
T90CLF 48IN WH	White		

T-Bar Ceiling Mount

Catalog #	Finish	Description	Dimensions
T91CLF 12IN BL	Black	• Compatible with 15/16" flush T-bar ceilings	6 3/16"
T91CLF 12IN SL	Silver	• 12", 18", 24", 36", 48" stem lengths	2 1/16"
T91CLF 12IN WH	White	• Includes mounting plate, canopy, stem and wireway cover (order R38 track feed connector and current limiting circuit breaker separately – see page 115)	12" to 48" Nominal Stem Length
T91CLF 18IN BL	Black		
T91CLF 18IN SL	Silver		
T91CLF 12IN WH	White		
T91CLF 24IN BL	Black		1"
T91CLF 24IN SL	Silver		
T91CLF 24IN WH	White		10 1/8"
T91CLF 36IN BL	Black		
T91CLF 36IN SL	Silver		
T91CLF 36IN WH	White		
T91CLF 48IN BL	Black		
T91CLF 48IN SL	Silver		
T91CLF 48IN WH	White		

Rigid Ceiling Mount

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.
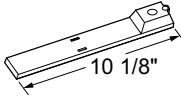
Mounting Accessories

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.

T-Bar Pendant
Stem Kit

Catalog #	Finish	Description	Dimensions
T90 12IN WH	White	• Compatible with 15/16" flush T-bar ceilings	4 3/4"
T90 12IN BL	Black	• 12", 18", 24", 36", 48" stem lengths	
T90 12IN SL	Silver	• Use two for 2', 4', or 6' track, or three for 8' track	
T90 12IN BZ	Bronze	• For electrical feed, order Wireway Cover T93 and R38	1/2" diameter
T90 18IN WH	White		
T90 18IN BL	Black		
T90 18IN SL	Silver		
T90 18IN BZ	Bronze		
T90 24IN WH	White		
T90 24IN BL	Black		
T90 24IN SL	Silver		
T90 24IN BZ	Bronze		
T90 36IN WH	White		
T90 36IN BL	Black		
T90 36IN SL	Silver		
T90 36IN BZ	Bronze		
T90 48IN WH	White		
T90 48IN BL	Black		
T90 48IN SL	Silver		
T90 48IN BZ	Bronze		

Rigid Ceiling
Pendant Stem Kit

Catalog #	Finish	Description	Dimensions
T91 12IN WH	White	• Compatible with rigid ceilings	4 3/4"
T91 12IN BL	Black	• 12", 18", 24", 26", 48" stem lengths	
T91 12IN SL	Silver	• Use two for 2', 4', or 6' track, or three for 8' track	
T91 12IN BZ	Bronze	• For electrical feed, order Wireway Cover T93 and R38	1/2" diameter
T91 18IN WH	White		
T91 18IN BL	Black		
T91 18IN SL	Silver		
T91 18IN BZ	Bronze		
T91 24IN WH	White		
T91 24IN BL	Black		
T91 24IN SL	Silver		
T91 24IN BZ	Bronze		
T91 36IN WH	White		
T91 36IN BL	Black		
T91 36IN SL	Silver		
T91 36IN BZ	Bronze		
T91 48IN WH	White		
T91 48IN BL	Black		
T91 48IN SL	Silver		
T91 48IN BZ	Bronze		

Feed Wireway Cover

Catalog #	Finish	Description	Dimensions
T93 WH	White	• Use one for each T90 or T91 when using stem for feeding track	10 1/8"
T93 BL	Black	• Feed at R38 or R24	
T93 SL	Silver	• Conceals electrical feed wires from stem to track	
T93 BZ	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
T9091M 12IN WH	White	• For mechanical support only (no feed)	2-1/4"
T9091M 12IN BL	Black	• Suspends track from T-bar or rigid ceilings	
T9091M 12IN SL	Silver	• Offers simpler installation and a smaller	
T9091M 18IN WH	White	ceiling footprint	
T9091M 18IN BL	Black	• 12", 18", 24", 36", 48" stem lengths	1/2" diameter
T9091M 18IN SL	Silver	• Use two for 2', 4', or 6' of track or	
T9091M 24IN WH	White	three for 8' and four for 12' of track	
T9091M 24IN BL	Black	• Includes Mini-Canopy, pendant stem,	
T9091M 24IN SL	Silver	1-5/16" T-bar clip, drywall anchor and	
T9091M 36IN WH	White	track mounting hardware	
T9091M 36IN BL	Black		
T9091M 36IN SL	Silver		
T9091M 48IN WH	White		
T9091M 48IN BL	Black		
T9091M 48IN SL	Silver		

Pendant Stem
Mechanical Support Kit

Catalog #	Finish	Description
T96 WH	White	• Enables multiple pendant stems to be joined for
T96 BL	Black	higher ceiling applications
T96 SL	Silver	
T96 BZ	Bronze	

Pendant Stem
Threaded Coupling

Catalog #	Finish	Description
T94 WH	White	• Permits pendant track stem to be hung
T94 BL	Black	vertically from sloped ceiling
T94 SL	Silver	• Use pendant kits (T90, T91)
T94 BZ	Bronze	• Will allow feeding of electrical wires to track
		at up to a 60° angle

Pendant Slope
Ceiling Adapter

Trac-Lites™ | Accessories

Mounting Accessories

Cable Suspension Kit

Catalog #	Finish	Description
T595 48IN WH	White	• Mechanical-only cable suspension kit for one-circuit or two-circuit track
T595 48IN BL	Black	
T595 144IN WH	White	• Adjustable 48" or 144" cable
T595 144IN BL	Black	• For use on 15/16" T-bar ceiling
T597 48IN WH	White	• Mechanical-only cable suspension kit for one-circuit or two-circuit track
T597 48IN BL	Black	
T597 144IN WH	White	• Adjustable 48" or 144" cable
T597 144IN BL	Black	• For use on rigid ceiling

T-Bar/Rigid Ceiling
Cable Suspension Kit

Catalog #	Finish	Description
T596 48IN WH	White	• Cable suspension kit with 48" or 144" electrical feed for one-circuit track
T596 48IN BL	Black	
T596 144IN WH	White	• For use on 15/16" T-bar ceiling
T596 144IN BL	Black	
T598 48IN WH	White	• Cable suspension kit with 48" or 144" electrical feed for one-circuit track
T598 48IN BL	Black	
T598 144IN WH	White	• For use on rigid ceiling
T598 144IN BL	Black	

T-Bar/Rigid Ceiling Cable
Suspension/Feed Kit

Mounting Accessories

Catalog #	Description
R37F	• To attach track to inverted tee ceiling
R37D	• Use two for 2' or 4' track or three for 6' or 8' track
R37916	• R37F T-Bar Clip is compatible with flush tile 15/16" inverted T-bar ceiling
	• R37D T-Bar Clip is compatible with drop tile 15/16" inverted T-bar ceiling
	• R37916 T-Bar Clip is compatible with drop tile or flush tile 9/16" inverted T-Bar ceiling

T-Bar Attachment Clip

Catalog #	Finish	Description
T56 WH	White	• Attaches solid 5/16" threaded rod to track
T56 BL	Black	• Includes plastic cap, mounting bracket, and hardware
T56 SL	Silver	• Rod not supplied
T56 BZ	Bronze	

Solid Rod Pendant
Mounting Kit

Catalog #	Finish	Description	Dimensions
T95 WH	White	• Attaches to track, permitting Juno Trac-Master and Trac-Lites fixtures using the standard square Super Adapter to be hung vertically from sloped ceiling	4 3/4" max.
T95 BL	Black	• 90° maximum adjustment	

Slope Ceiling Fixture Adapter

Trac-Lites™ | Accessories

Mounting Accessories

Mounting Accessories (cont)

Monopoint - Line Voltage

Catalog #	Finish	Description	Dimensions
R40N WH	White	• Accepts Juno Trac-Master & Trac-Lites 120V track	← 4 3/4" →
R40N BL	Black	• Mounts directly to outlet box	5/8"
R40N BZ	Bronze		
R40N SL	Silver		

Line Voltage Monopoint-Flush Mount

Catalog #	Finish	Description	Dimensions
T40F WH	White	• Mounts directly to 4" outlet box only	5 1/4"
T40F BL	Black	• Accepts Juno Trac-Master & Trac-Lites 120V track fixtures using the standard square Super Adapter	1/32"

Line Voltage Duopoint

Catalog #	Finish	Description	Dimensions
T41N WH	White	• Mounts directly to outlet box	13"
T41N BL	Black	• Accepts two Juno Trac-Master or Trac-Lites 120V track fixtures	4" / 5/8"

Weighted Base

Catalog #	Finish	Description	Dimensions
T42N WH	White	• Heavy base enables track fixture to be placed on a horizontal surface (i.e. floor, shelf) and aimed upwards	4 3/4"
T42N BL	Black	• Accepts Juno Trac-Master & Trac-Lites 120V track fixtures	5/8"
		• Supplied with 8' cord and plug for portable use	

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.
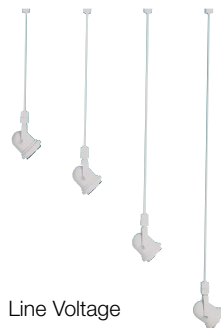
Line Voltage

Line Voltage Extension Wands

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

* 24IN wand with slope adapter on top.

Miscellaneous Track Accessories

Pendant Adapter

Catalog #	Finish	Description	Dimensions
T31N WH	White	• Adapts swag or chain-hung fixture to track	3-5/8"
T31N BL	Black	• Includes strain relief for 3-wire cord (replaces chain loop)	2"
T31N SL	Silver	• 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.	
		• UL Listed	
		• 5A max	

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

Planter or Utility Hook

Catalog #	Finish	Description	Dimensions
T32 WH	White	• Supports up to 25 lbs.	1 1/4"
T32 BL	Black	• Not UL Listed	

Outlet Adapter

Catalog #	Finish	Description	Dimensions
T33 WH	White	• Provides electrical receptacle	2"
T33 BL	Black	• Not UL Listed	
T33 SL	Silver	• 7A max	

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.

Super Adapter

Catalog #	Finish	Description	Dimensions
T132 WH **T132 BL**	White Black	• 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'	2 1/4" 3 1/2" 1 5/8"

Track Line Voltage Coil
Cord Clamp-On

Super Adapter

Catalog #	Finish	Description	Dimensions
T133 WH **T133 BL**	White Black	• 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'	2 1/4" 3 1/2" 1 5/8"

Plug-In Line Voltage
Coil Cord Clamp-On

Outrigger Track Mounting Bracket (non-electrified)

Catalog #	Finish	Description	Dimensions
T47 WH **T47 BL**	White Black	• 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	24"L x 8"H

Outrigger Track
Mounting Bracket

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
R4K3600L Trac-Lites R600LTrac Kit	**27K** 2700K	**80CRI** 80 CRI	**PDIM** Phase Dimmable	**UNF** Universal - Narrow Flood, Flood	**BL** Black
	30K 3000K	**90CRI** 90 CRI			**SL** Silver
	35K 3500K	**97CRI**[1] 97 CRI			**WH** White
	40K 4000K				

[1] Special order - may have extended lead-times or order minimums; not available in 35K.

Line Voltage Flared Step Cylinder Track Kit

Catalog #	Finish	Description
R4K3551 WH	White	• 50W max. PAR20 lamps • One 4' section of track, floating feed, and three flared step cylinder fixtures (R551 WH)

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.

Accessory Holders

		2" DIAMETER	COMPATIBLE WITH	2-3/4" DIAMETER	COMPATIBLE WITH
	Required for fixtures shown to use accessories.	**AHR605 BLCK**	R605L, R606L	**AHR610 BLCK**	R610L, R612L
		AHR605 WHT		**AHR610 WHT**	
				AHR620 BLCK	R620L
				AHR620 WHT	

Beam Control Lenses

			2" DIAMETER	COMPATIBLE WITH	2-3/4" DIAMETER	COMPATIBLE WITH
	These alter the light distribution, enlarging or elongating it, softening the beam edge or removing striations.	Prismatic Spread Lens	**PRISM 200**	Fixtures with AHR605 Accessory Holder	**PRISM 275**	Fixtures with AHR610 or AHR620 Accessory Holder
		Linear Spread Lens	**LSPREAD 200**		**LSPREAD 275**	
		Uniformity Lens (Solite™)	**SOLITE 200**		**SOLITE 275**	
		Diffusion Lens	**DIFF 200**		**DIFF 275**	
	These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect fade sensitive art and objects from light degradation.	UV Filter	**UVF 200**		**UVF 275**	

Dichroic Color Correction Filters

			2" DIAMETER	2-3/4" DIAMETER
	Color Correction Filters correct the light, to warm it up to approximate incandescent.	Halogen-to-Incandescent, 2700K	**DCCF 200 HAL2700**	

Color Filters

			2" DIAMETER	2-3/4" DIAMETER
		Dichroic Glass Filters		
	Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.	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**
		Colored Glass Filters		
		Medium Pink	**CGF 200 MPINK**	**CGF 275 MPINK**
		Warm Red	**CGF 200 WRED**	**CGF 275 WRED**
		Daylight Blue	**CGF 200 DLTBLUE**	**CGF 275 DLTBLUE**
		Medium Blue	**CGF 200 MBLU**	**CGF 275 MBLU**
		Medium Amber	**CGF 200 MAMB**	**CGF 275 MAMB**
		Medium Green	**CGF 200 MGRN**	**CGF 275 MGRN**

Louvers

			2" DIAMETER	2-3/4" DIAMETER
	Louvers provide greater visual source cut-off and reduce perceived fixture brightness.	Hexcell Louvers	**HCLBL 200**	**HCLBL 275**

Snoots

			2" DIAMETER	2-3/4" DIAMETER
	Snoots extend lamp shielding and can reduce spill light at the edge of a beam pattern.	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	Dimensions
TEK4 4FT WH	White	4' Track section.	← 1.25" →
TEK4 4FT BL	Black	2-circuit, 120V, 48" length	
TEK4 8FT WH	White	8' Track section.	1.3"
TEK4 8FT BL	Black	2-circuit, 120V, 96" length	
TEK4 12FT WH	White	12' Track section.	
TEK4 12FT BL	Black	2-circuit, 120V, 144" length	

Connectors

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

End Feed - Left Polarity

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

End Feed - Right Polarity

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

Center Feed

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

Miniature Straight Connector

HD Commercial Track | Track System Components

Connectors

Connectors

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

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

Plug-In Current Limiters
For use with TEK11CL or TEK12CL Current Limiting End Feeds

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

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

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

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

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

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

HD Commercial Track | Track System Components

Connectors and Accessories

Connectors (cont)

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

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

Accessories

	Catalog #	Finish	Description
Mounting Bracket	**SKB10 WH** **SKB10 BL**	White Black	For mounting track direct to ceiling.

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

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

	Catalog #	Finish	Description
Ceiling Cup Kit	**SKB30 WH** **SKB30 BL**	White Black	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.

	Catalog #	Length	Description
Suspension Cable Kit	**SKB34 5FT** **SKB34 9FT**	5ft. cable 9ft. 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.

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	**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

Accessories (cont)

	Catalog #	Finish	Description
Universal Suspension Coupler	**SP4P WH** **SP4P BL**	White Black	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.

	Catalog #	Description
Track Conductor Bending Tool	**XTSV12**	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.

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
T1050L, T1051L, T1052L, T1053L, T1054L, T1056L, T1058L LED Flood/Wall Washers

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**"

Possible Track Configuration & Recommended Components
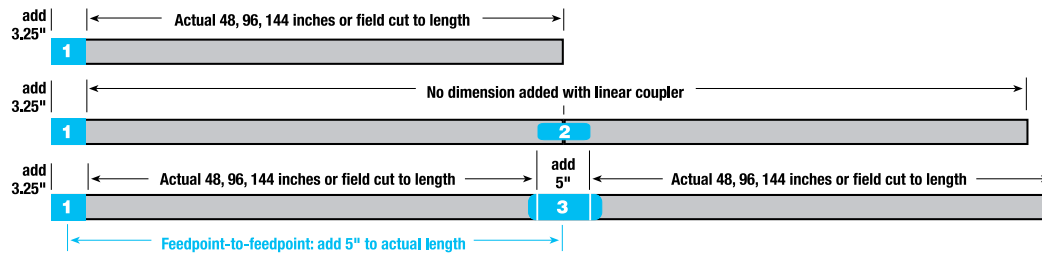
1. **TEK11** End Feed (left) - standard
   TEK12 End Feed (right)
   (used for conduit feed also)

2. **TEK21** Miniature Straight Connector

3. **TEK14** Center Feed
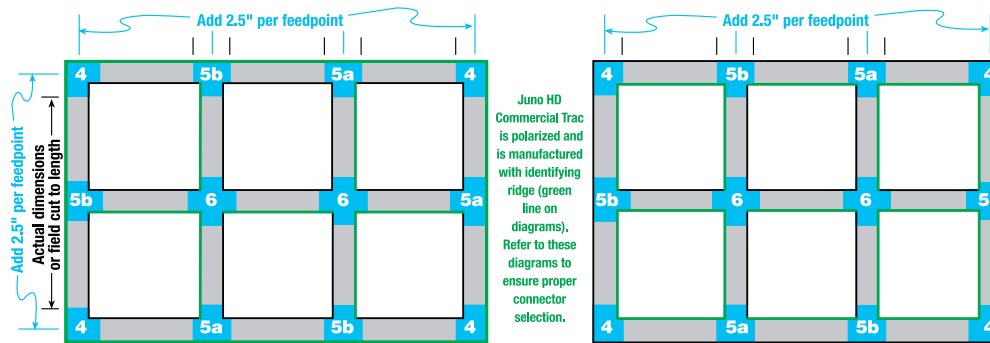
4. **TEK34** 90° "L" Connector
   (adjustable universal polarity)

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

1.25″
1.35″
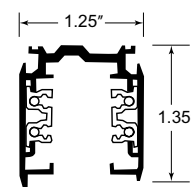
Connectors

End Feed - Left Polarity

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

End Feed - Right Polarity

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

Center Feed

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

Miniature Straight Connector

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

HD Commercial Track | Track System Components
Connectors

Connectors

	Catalog #	Finish	Description
Current Limiting End Feed - Left Polarity	**HTEK11CL WH**	White	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.
	HTEK11CL BL	Black	

	Catalog #	Finish	Description
Current Limiting End Feed - Right Polarity	**HTEK12CL WH**	White	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.
	HTEK12CL BL	Black	

For use with HTEK11CL or HTEK12CL Current Limiting End Feeds

	Catalog #	Finish	Description	Wattage
Plug-in Current Limiters	**HTCLCB 0.5A WHT**	White	0.5A Current Limiting Circuit Breaker	138W
	HTCLCB 0.5A BLCK	Black		
	HTCLCB 1A WHT	White	1A Current Limiting Circuit Breaker	277W
	HTCLCB 2.5A WHT	White	2.5A Current Limiting Circuit Breaker	692W
	HTCLCB 2.5A BLCK	Black		
	HTCLCB 5A WHT	White	5A Current Limiting Circuit Breaker	1385W
	HTCLCB 5A BLCK	Black		
	HTCLCB 10A WHT	White	10A Current Limiting Circuit Breaker	2770W
	HTCLCB 10A BLCK	Black		
	HTCLCB 15A WHT	White	15A Current Limiting Circuit Breaker	4155W
	HTCLCB 15A BLCK	Black		

	Catalog #	Finish	Description
Adjustable Connector	**HTEK24 WH**	White	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.
	HTEK24 BL	Black	

	Catalog #	Finish	Description
90º "L" Connector	**HTEK34 WH**	White	Joins HTEK Track sections to make a 90° angle with continued electrical feed. May be used to feed HTEK Track from top.
	HTEK34 BL	Black	

	Catalog #	Finish	Description
"X" Connector	**HTEK38 WH**	White	Joins four HTEK Track sections to make an "X" intersection with continued electrical feed. May be used to feed HTEK Track from top.
	HTEK38 BL	Black	

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

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

HD Commercial Track | Track System Components

Connectors and Accessories

Connectors (cont)

	Catalog #	Finish	Description
Dead End	**TEK41 WH** **TEK41 BL**	White Black	Not supplied with HTEK Track sections – must be ordered separately.

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

Accessories

	Catalog #	Finish	Description
Mounting Bracket	**SKB10 WH** **SKB10 BL**	White Black	For mounting track direct to ceiling.

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

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

	Catalog #	Finish	Description
Ceiling Cup Kit	**SKB30 WH** **SKB30 BL**	White Black	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.

	Catalog #	Length	Description
Suspension Cable Kit	**SKB34 5FT** **SKB34 9FT**	5ft. cable 9ft. cable	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.

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.

	Catalog #	Finish	Description
Mounting Stem Kit	**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

HD Commercial Track | Track System Components

Accessories and Compatible Fixtures

Accessories (cont)

Catalog #	Finish	Description
SP4P WH	White	Use with SPUS Stem Kit or SKB34 Cable Kit or 1/4"-20 threaded rod
SP4P BL	Black	(supplied by others) to suspend HTEK Track except at feed or connection points.

Universal Suspension
Coupler

Catalog #	Description
XTSV12	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
T1050L, T1051L, T1052L, T1053L, T1054L, T1056L, T1058L LED Flood/Wall Washers

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

add 3.25" — Actual 48, 96, 144 inches or field cut to length
1

add 3.25" — No dimension added with linear coupler
1 ——— **2**

add 3.25" — Actual 48, 96, 144 inches or field cut to length — add 5" — Actual 48, 96, 144 inches or field cut to length
1 — **3**

Feedpoint-to-feedpoint: add 5" to actual length
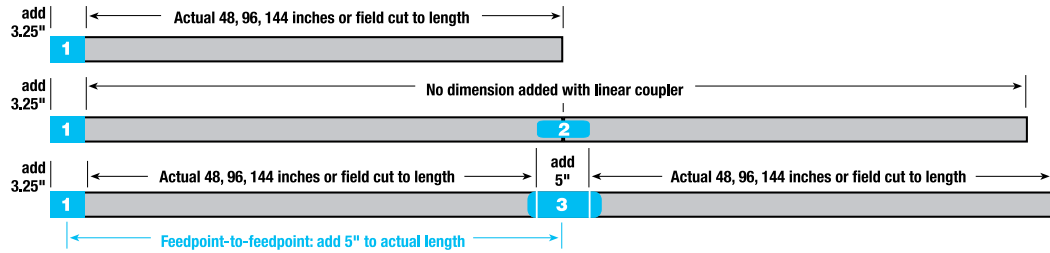
1. **HTEK11** End Feed (left) - standard
   HTEK12 End Feed (right)
   (used for conduit feed also)

2. **HTEK21** Miniature Straight Connector

3. **HTEK14** Center Feed

Add 2.5" per feedpoint

Add 2.5" per feedpoint / Actual dimensions or field cut to length

4	5b	5a	4
5b	6	6	5a
4	5a	5b	4

Juno HD Commercial Trac is polarized and is manufactured with identifying ridge (green line on diagrams). Refer to these diagrams to ensure proper connector selection.

Add 2.5" per feedpoint

4	5b	5a	4
5b	6	6	5a
4	5a	5b	4
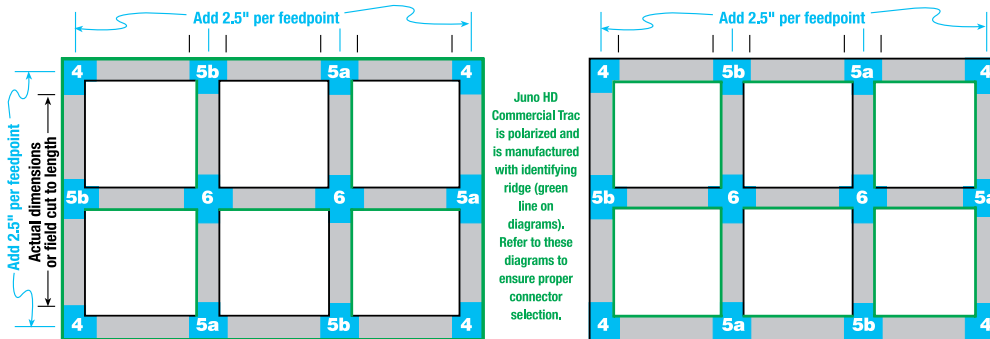
4. **HTEK34** 90° "L" Connector
   (adjustable universal polarity)

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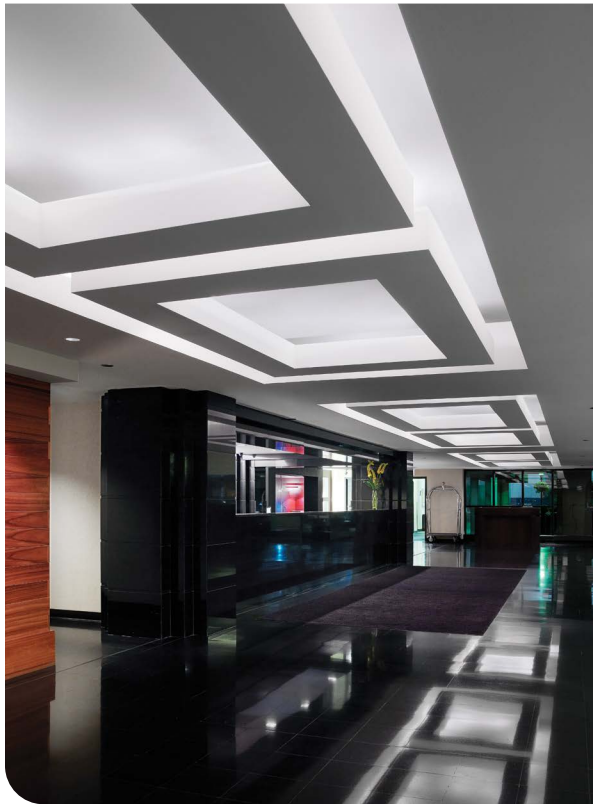
Linear Lighting Thanks to its ultra-slim profile, Trac 12™ can be easily installed in coves, cabinetry, and casework displays to produce uniform linear lighting. Variable spacing of either LED modules or xenon lamp holders permits on-site fine tuning to create even illumination at the desired light intensity.

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.

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

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 #	Watts	Color Temp.	Lumens	Maximum Lumens/Ft.	Dimensions
TL214LED 27K 90CRI	1.5	2700K	76	456	
TL214LED 30K 90CRI	1.5	3000K	78	470	
TL214LED 35K 90CRI	1.5	3500K	79	472	
TL214LED 40K 90CRI	1.5	4000K	80	478	

2"
7/16"
7/8"
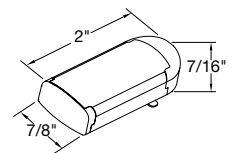
Westin River North, Chicago, IL (Picture Boy Photography)

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 #	Finish	Lamp	Dimensions
TL201 WH	White	One 12V or 24V, 10W max.	5/8"
TL201 BL	Black	T3-1/4 wedge base lamp	1 3/8"
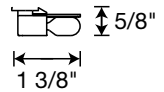
T3-1/4 Xenon Wedge Base Lamps

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

1 3/4"
2 1/2"
3 1/8"
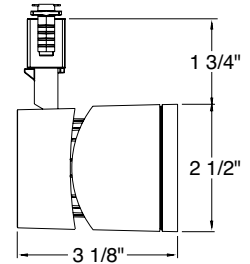
Ordering Information

Ordering Example: TL381L 27K 80CRI SP WH

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

Accessories

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

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

15/16"
3"
2 7/8"
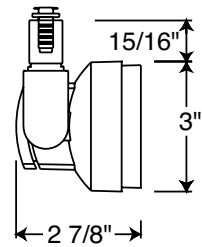
Ordering Information — Ordering Example: TL252L 27K 80CRI NFL BL

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

Accessories

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

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

3 1/8" 1 13/16" 1 3/8" 3 1/8" 2 3/8" 1 3/8"
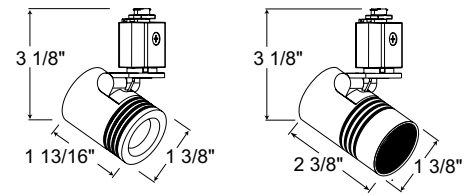
Ordering Information — Ordering Example: TL114 G2 27K 80CRI SP WH

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

Accessories
Snoot - Black	**TMCSNOOTBL**
Snoot - White	**TMCSNOOTWH**

The product and system may be covered by the following United States patent: 5,334,037

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 #	Finish	Lamp	Dimensions
TL1040 WH	White	12V or 24V, 50W max.	
TL1040 BL	Black		

3 3/8"

2 7/16"
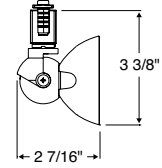
Trac 12™ | MR16 Lampholders
Cylindra™

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 #	Finish	Lamp	Dimensions
TL141 WH	White	12V or 24V 50W max. MR16	15/16"
TL141 BL	Black		3"
			2 7/8"
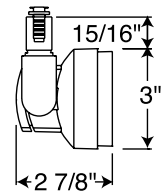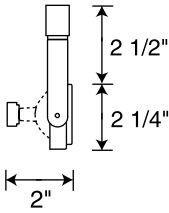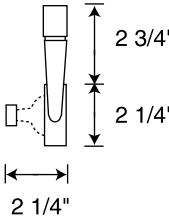
Accessories	
For Fixtures	**TL141**
Color Filters	**CGF 200**
Dichroic Filters	**DGF 200**
Dichroic Color Correction Filters	**DCCF 200**
Diffusion Lens	**DIFF 200**
Uniformity Lens	**SOLITE 200**
UV Filter	**UVF 200**
Prismatic Spread Lens	**PRISM 200**
Linear Spread Lens	**LSPREAD 200**
Hexcell Louver	**HCLBL 200**
Snoot	**SNOOTBL 200**

The product and system may be covered by the following patents: U.S. Patents D434,514; D443,375; D464,455; D546,993 Canada Patents 92,376; 92,377 Canada Patent Pending

Trac 12™ | MR16 Lampholders
Gimbal Rings

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

Catalog #	Finish	Lamp	Dimensions
TL196 WH	White	12V or 24V	2 1/2"
TL196 BL	Black	50W max. MR16	2 1/4"
			2"

Catalog #	Finish	Lamp	Dimensions
TL296 WH	White	12V or 24V	2 3/4"
TL296 BL	Black	50W max. MR16	2 1/4"
			2 1/4"

Accessories	
For Fixtures	**TL196, TL296**
Hexcell Louver	**HCLBL 175**
Diffusion Lens	**DIFF 175**
Uniformity Lens	**SOLITE 175**
Prismatic Spread Lens	**PRISM 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
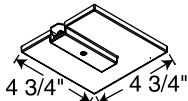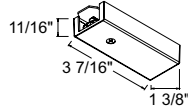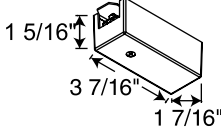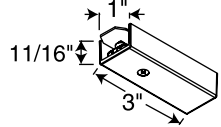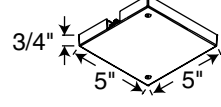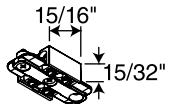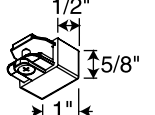
Catalog #	Finish	Description	Dimensions
TLVR 2FT WH **TLVR 2FT BL**	White Black	2' track (actual length 20 5/8")	
TLVR 4FT WH **TLVR 4FT BL**	White Black	4' track (actual length 44 5/8")	5/8"
TLVR 6FT WH **TLVR 6FT BL**	White Black	6' track (actual length 68 5/8")	15/16"
TLVR 8FT WH **TLVR 8FT BL**	White Black	8' track (actual length 92 5/8")	Trac 12/25 track Sections include dead-end and mounting hardware
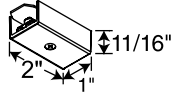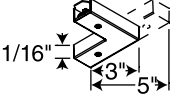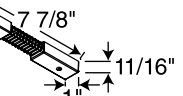
Electrical Feeds and Dead End

	Catalog #	Finish	Description	Dimensions
End Feed Connector and Outlet Box Cover	**TLR21 WH** **TLR21 BL**	White Black	• Allows track to be fed via remote transformer from an outlet box • Includes terminal block, cover and mounting plate	4 3/4" 4 3/4"
End Feed Connector	**TLR38 WH** **TLR38 BL**	White Black	• Allows track to be fed via remote transformer from above using standard 1/2" electrical connector • Includes terminal block feed connector and cover	11/16" 3 7/16" 1 3/8"
End Feed Connector and Conduit Feed	**TLR34 WH** **TLR34 BL**	White Black	• Allows track to be fed via remote transformer with conduit through the end or top using standard 1/2" electrical connector • Includes terminal block feed connector, mounting plate and cover	1 5/16" 3 7/16" 1 7/16"
Pendant End Feed Connector	**TLR50 WH** **TLR50 BL**	White Black	• Use with TLR90, TLR91 or TLR96 to feed from end of track • Includes terminal block feed connector, mounting plate and cover	1" 11/16" 3"
Outlet Box/T-Bar Ceiling Feed Canopy	**TLR36 WH** **TLR36 BL**	White Black	• Mounts over outlet boxes or on T-Bar ceiling to feed up to four tracks • Includes one terminal block connector, mounting plate and cover • To feed more than one track, order additional TLR36TB connectors • Requires T-Bar clip (TLR37) for T-bar installation	3/4" 5" 5"
Terminal Block Connector	**TLR36TB WH** **TLR36TB BL**	White Black	• For use with TLR36	15/16" 15/32"
Dead End	**TLR28 WH** **TLR28 BL**	White Black	• Dead end to use on extra field-cut track sections	1/2" 5/8" 1"
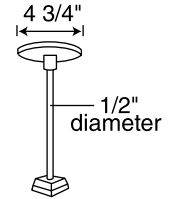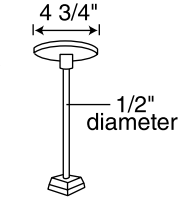
Trac 12™ | System Components
Trac 12/25 Low Voltage Track System

Track Joiners and T-Bar Attachment Clip

Miniature Straight Connector

Catalog #	Finish	Description	Dimensions
TLR23 WH TLR23 BL	White Black	• Joins two track sections end-to-end • Includes terminal block connector and cover	11/16" 2" 1"

Adjustable Connector

Catalog #	Finish	Description	Dimensions
TLR24 WH TLR24 BL	White Black	• Joins two track sections to form a 90-degree corner or straight coupling • Includes two terminal block connectors, joiner wires and both 90-degree and straight covers	11/16" 3" 5"

Accordion Adjustable Joiner

Catalog #	Finish	Description	Dimensions
TLR20 WH TLR20 BL	White Black	• Joins two track sections at variable angles to left, right, up or down • Includes two terminal block connectors, joiner wires and covers	7 7/8" 11/16" 1"

T-Bar Attachment Clip

Catalog #	Description
TLR37 TLR37916	• TLR37 T-Bar Clip attaches to 15/16" inverted T-bar ceiling • TLR37916 T-Bar Clip attaches to 9/16" inverted T-bar ceiling • Both clips are compatible with flush tile or drop tile ceilings • Two required for 2' or 4' sections, three required for 6' or 8' sections
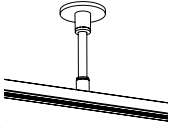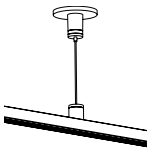
Pendant Mounting Accessories

T-Bar Ceiling Pendant Stem Feed & Mechanical Support

Catalog #	Finish	Description	Dimensions
TLR90 12IN WH TLR90 12IN BL	White Black	• For pendant mounting Trac 12/25 to 15/16" T-bar ceilings • 12", 18", 24", 36", 48" stem lengths • Use two for 2', 4' or 6' of track or three for 8' of track • For electrical feed, order TLR50 Pendant End Feed Connector	4 3/4" 1/2" diameter
TLR90 18IN WH TLR90 18IN BL	White Black		
TLR90 24IN WH TLR90 24IN BL	White Black		
TLR90 36IN WH TLR90 36IN BL	White Black		
TLR90 48IN WH TLR90 48IN BL	White Black		

Rigid Ceiling Pendant Stem Feed & Mechanical Support

Catalog #	Finish	Description	Dimensions
TLR91 12IN WH TLR91 12IN BL	White Black	• For pendant mounting Trac 12/25 to rigid ceilings • 12", 18", 24", 36", 48" stem lengths • Use two for 2', 4' or 6' of track or three for 8' of track • For electrical feed, order TLR50 Pendant End Feed Connector	4 3/4" 1/2" diameter
TLR91 18IN WH TLR91 18IN BL	White Black		
TLR91 24IN WH TLR91 24IN BL	White Black		
TLR91 36IN WH TLR91 36IN BL	White Black		
TLR91 48IN WH TLR91 48IN BL	White Black		

Trac 12™ | System Components

Trac 12/25 Low Voltage Track System

Pendant Mounting Accessories (cont)

Pendant Stem Mechanical Support

Catalog #	Finish	Description
TLR92 12IN WH	White	• For pendant mounting Trac 12/25 to T-bar or rigid ceilings
TLR92 12IN BL	Black	
TLR92 18IN WH	White	• 12", 18", 24", 36", 48" stem lengths
TLR92 18IN BL	Black	• Use two for 2', 4', or 6' of track or three for 8' of track
TLR92 24IN WH	White	• Provides mechanical support only
TLR92 24IN BL	Black	• Order TLR37 or TLR37916 T-Bar Clip to mount on T-bar ceilings
TLR92 36IN WH	White	
TLR92 36IN BL	Black	
TLR92 48IN WH	White	
TLR92 48IN BL	Black	

Pendant Stem Coupling

Catalog #	Finish	Description
T96 WH	White	• Joins pendant stems for use in higher ceiling applications
T96 BL	Black	

Sloped Ceiling Adapter

Catalog #	Finish	Description
T94 WH	White	• Permits TLR90 and TLR91 Pendant Stems to hang straight from sloped ceilings
T94 BL	Black	• Accommodates two 12-gauge solid THHN copper wires at up to a 60° angle
		• 20-amp capacity (based on 12-gauge wire)

Stainless Steel Cable Mechanical Support

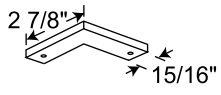| Catalog #	Finish	Description
TLR95 48IN WH	White	• Includes mini-canopy, steel cable, 15/16" T-bar clip, toggle bolt and track attachment hardware
TLR95 48IN BL	Black	
TLR95 144IN WH	White	• 48" or 144" cable lengths
TLR95 144IN BL	Black	• Length is easily field adjustable
		• Recommended for track patterns only (not recommended for straight runs)
		• Supports should be placed every 3' plus at feed points, at feed points, bend peaks and corners

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.
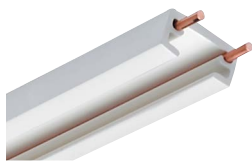
	Catalog #	Finish	Description	Dimensions
	TLV 2FT WH	White	2' track (actual length 20 5/8")	
	TLV 2FT BL	Black		3/8"
	TLV 4FT WH	White	4' track (actual length 44 5/8")	3/4"
	TLV 4FT BL	Black		
	TLV 8FT WH	White	8' track (actual length 92 5/8")	
	TLV 8FT BL	Black		

Electrical Feeds
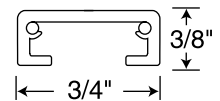
	Catalog #	Finish	Description	Dimensions
End Feed Connector/ Straight Joiner with Dead End	**TL38 WH** **TL38 BL**	White Black	• For use with field cut-off track sections. • Includes terminal block connector with cover and dead end • Terminal block connector also serves as a straight joiner to join two track sections	15/16" 2 1/4"
End Feed Connector and Conduit Feed	**TL34 WH** **TL34 BL**	White Black	• Allows track to be fed via remote transformer with conduit through the end or top using standard 1/2" electrical connector • Includes mounting plate, surface conduit adapter and cover	3" 1 3/8"
Outlet Box/T-Bar Ceiling Canopy	**TL21 WH** **TL21 BL**	White Black	• May be mounted over outlet boxes or on T-bar ceiling runners to feed up to four track sections via a remote transformer. • Includes mounting plate and cover with four breakouts. • Requires TLR37 or TLR37916 for T-bar ceiling installation	4 3/4" 4 3/4"
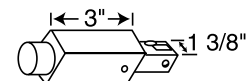
The product and system may be covered by the following United States patent: US 5,336,100
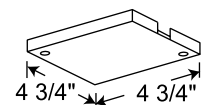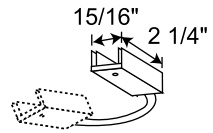
Trac 12™ | System Components

Trac 12™ Low Voltage Track System

Joiner Connectors

	Catalog #	Finish	Description	Dimensions
Right Angle Joiner	**TL24 WH** **TL24 BL**	White Black	• Joins two track sections to form a 90-degree corner. Includes one terminal block connector with cover and joiner wires	2 7/8" 15/16"
	Catalog #	Finish	Description	Dimensions
Adjustable Joiner	**TL20 WH** **TL20 BL**	White Black	• Joins two track sections at variable angles to left, right, up or down. Includes one terminal block connector with cover and 4" flexible joiner cable	15/16" 2 1/4"

Mounting Accessories

	Catalog #	Description
T-Bar Attachment Clip	**TLR37** **TLR37916**	• TLR37 T-Bar Clip attaches to 15/16" inverted T-bar ceiling • TLR37916 T-Bar Clip attaches to 9/16" inverted T-bar ceiling • Both clips are compatible with flush tile or drop tile ceilings • Two required for 2' or 4' sections, three required for 6' or 8' sections

Trac 12™ | System Components

Trac 12™ Electronic Transformers

Direct Wire Electronic Transformers

LED

60-Watt Surface Mount Transformer

Catalog #	Finish	Description	Dimensions
TL544 LED 60W 120 12AC 6CP WH **TL544 LED 60W 120 12AC 6CP BL**	White Black	• 12V-60VA LED-Compatible Surface Mount Transformer • Low profile 12 volt electronic transformer • Rated for 0-60 watts for LED or incandescent loads • 6' three-wire cord set and 4 1/2" leads with mating connector for TL43 monopoint • Rocker on/off switch	1 3/8" 4 7/8" 2"
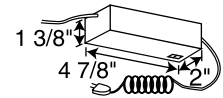
LED

Canopy Transformer

Catalog #	Finish	Description	Dimensions
TL566 LED 100W 120 12AC WH **TL566 LED 100W 120 12AC BL**	White Black	• 12V-100VA LED-Compatible Canopy Mount Transformer • Canopy with 12 volt electronic transformer mounts over 120 volt outlet box to end-feed one track section or center feed two track section • Rated for 0-100 watts for LED or incandescent loads • Supplied with mounting plate • Not designed for use with Trac 12/25 track	4 3/4" 2 1/8" 5"
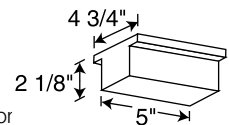
Incandescent

Surface Transformer

Catalog #	Finish	Description	Dimensions
TL547 150W 120 12AC WH **TL547 150W 120 12AC BL**	White Black	• Low profile electronic 12-volt transformer for loads between 50-150 watts. Incandescent only • May be installed in-line with track (Trac 12 only) or remotely mounted up to 5 away (Trac 12 or Trac 12/25) • 120-volt supply can be fed into end or top using standard 1/2" electrical connectors • Includes on/off push button switch	1 5/8" 7" 2 1/2"

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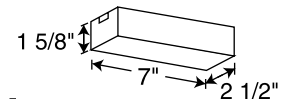
Catalog #	Finish	Description
TL567 LED 100W 120 12AC WH **TL567 LED 100W 120 12AC BL**	White Black	• 12V-100VA LED-Compatible Surface Mount Transformer • 12 volt electronic transformer • Rated for 0-100 watts for LED or incandescent loads • For in-line (Trac 12 track only) or remote installation up to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

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
TL601E Electronic Driver/ Transformer	**10W** 10 Watts **25W** 25 Watts **60W** 60 Watts **75W** 75 Watts	**120** 120VAC	**12AC** 12VAC	**6CP** 6FT Cord & Plug	**BL** Black **WH** White	5 1/2" 18" 1 1/16" 1 1/2"

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

Series	Wattage	Input Voltage	Output Voltage	Factory Installed Options	Finish	Dimensions
TL602E Electronic Driver/ Transformer	**10W** 10 Watts **25W** 25 Watts **60W** 60 Watts	**120** 120VAC	**12AC** 12VAC	**6CP** 6FT Cord & Plug	**WH** White	5 1/2" 1 1/16" 1 1/2"

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

60-Watt Plug-In Transformer

Catalog #	Finish	Description	Dimensions
TL548 LED 60W 120 12AC WH **TL548 LED 60W 120 12AC BL**	White Black	• 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.	1 1/2" 3 1/8"
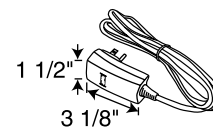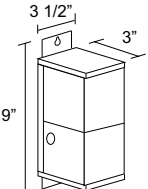
Trac 12™ | System Components
Trac 12™ & Trac 12/25 Magnetic Transformers

Remote Mount Magnetic Transformers
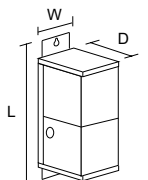
Remote Mount Magnetic Transformers are designed to be installed in remote locations such as basements, attics, plenums and electrical closets. The location must be accessible and well ventilated with ambient temperatures below 140°F. 12-volt transformers are typically used for spotlighting applications 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
MAGXFMR Remote Magnetic Transformer	**1C** 1 Circuit	**10W**[1] 10 Watts **25W**[1] 25 Watts **60W** 60 Watts	**120** 120VAC	**12AC** 120VAC	**6CP** 6FT Cord & Plug[1]	**BL** Black	3 1/2" 3" 9"

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

12V AC Class 1 Remote Mount Magnetic Transformer

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

[1] 277VAC option only available with 20W, 40W, 75W, 150W, 240W, 300W versions
[2] 6CP option only available with 120VAC versions, and only on 20W, 40W and 75W versions. Availability of MAGFMR with 6CP may be limited.

Transformer Dimensions

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

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
TLRW 12IN WH	White	14"
TLRW 12IN BL	Black	
TLRW 18IN WH	White	20"
TLRW 18IN BL	Black	
TLRW 24IN WH	White	26"
TLRW 24IN BL	Black	
TLRW 36IN WH	White	38"
TLRW 36IN BL	Black	
TLRW 48IN WH	White	50"
TLRW 48IN BL	Black	

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	Dimensions
TL540 LED WH **TL540 LED BL**	White Black	• Mounts over standard ceiling outlet boxes • Includes 12V 50VA electronic transformer • Accepts one Juno Trac 12 LED or halogen luminaire up to 60W max. • 120V input	1 3/8" 6 1/2"
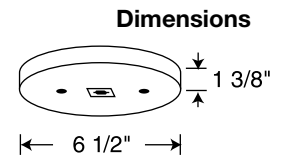
Recessed Monopoints

Recessed Monopoint,
New Construction
& Remodel

Catalog #	Finish	Description	Dimensions
TL644 60W 120 12AC WH **TL644 60W 120 12AC BL**	White Black	• For new construction or remodel installation • Installs from below the ceiling or wall surface, in 2 x 6 construction up to 3/4" max. surface thickness • Includes 12V 50VA electronic transformer • Includes TC rated recessed wiring compartment with universal electrical connector which accepts 3/8" flexible conduit or non-metallic sheathed cable (Type NM) • Recessed section is 3" high and 8" long. • No visible mounting screws • Accepts one Juno Trac 12 LED or halogen luminaire up to 60W max. • 120V input	1/8" 2 1/2"
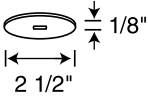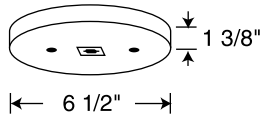
Trac 12™ | System Components
Monopoints

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
Mini-Monopoint for Remote Transformer	**TL43 WH** **TL43 BL**	White Black	• Mounts directly into ceiling, wall or cabinet surfaces with no visible mounting screws • Includes mounting retaining spring and 50" of wire with mating connector to TL544 transformer (ordered separately) • Accepts one Juno Trac 12 LED or halogen luminaire up to 60W max.	1/8" 2 1/2"
Monopoint for Remote Transformer	**TL40 WH** **TL40 BL**	White Black	• Mounts over standard ceiling outlet boxes supplied with 12 or 24 volts from a remote transformer • Accepts one Juno Trac 12 LED or halogen luminaire up to 60W max.	1 3/8" 6 1/2"

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

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

Solite™ is a trademark of AGC Solar.

Trac 12™ | Applications
Linear Lighting Application Data for LED

Cabinetry Lighting Guidelines (LED)
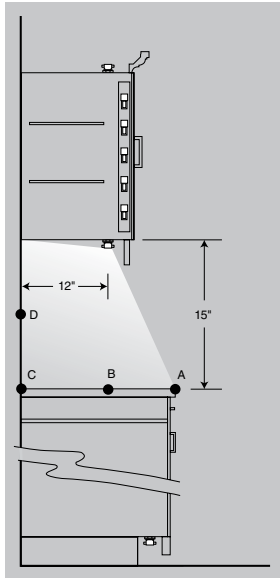
Over Cabinets Trac 12, using modules spaced 6" on-center, generally provides excellent indirect lighting. For lower-level mood lighting, closer module spacing and dimming is recommended. Placing the fixture at the front edge of the cabinet top will project light into the space and illuminate any displayed 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 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)

Placement Guidelines
1. For uniform illumination, o.c. lamp spacing must be equal to or less than lamp spacing from wall "C"
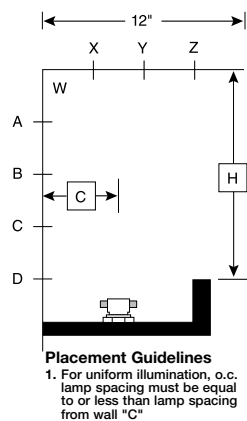
Footcandles on Vertical and Horizontal Planes*

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 30K 90CRI,	4"	4"	6"	200	204	181	143	248	337	288	171
TL214LED 35K 90CRI[1]	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

[1] 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 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	–

Maximum Track Run Length**

Catalog Number		2"	Lamp Spacing 3"	4"	6"	12"
TL214LED 27K 90CRI,	Magnetic	24'	30'	32'	42'	–
TL214LED 30K 90CRI,						
TL214LED 35K 90CRI,						
TL214LED 40K 90CRI						

 * 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.

Trac 12™ | Applications
Linear Lighting Application Data for Xenon

Cabinetry Lighting Guidelines (Xenon)
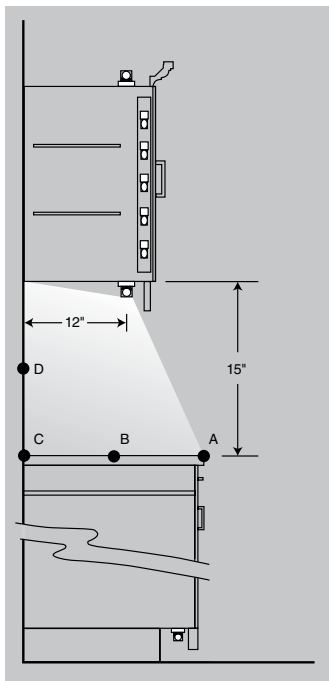
Over Cabinets The Trac 12™ system, using 10-watt lamps spaced 6" on-center, generally provides excellent indirect lighting. For lower-level mood lighting, use 3-watt or 5-watt lamps with slightly closer spacing. Placing the fixture at the front edge of the cabinet top will project light into the space 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	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)
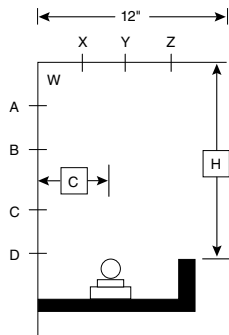
Placement Guidelines
1. For uniform illumination, o.c. lamp spacing must be equal to or less than lamp spacing from wall "C"

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	3"	3"	6"	111	155	162	31	176	164	93	44
(Test conducted with 70% reflectances at 23.5 volts)	3"	3"	9"	62	89	155	21	118	121	93	54
	3"	3"	12"	42	56	120	15	83	87	78	56
Conversion factors for other lamps	4"	4"	6"	88	111	105	23	124	123	85	38
LAMP — MULTIPLIER	4"	4"	9"	53	74	99	16	88	89	76	46
12V, 10W Wedge Base — 0.92	4"	4"	12"	36	49	96	11	63	66	61	46
24V, 5W Rigid Loop — 0.44	5"	5"	6"	68	71	67	19	85	96	81	35
24V, 5W Wedge Base — 0.32	5"	5"	9"	44	57	61	13	66	69	63	43
12V, 5W Wedge Base — 0.37	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.

Maximum Run Length per 20 Amp Circuit**

Lamp Type		Lamp Spacing				
		2"	3"	4"	6"	12"
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		Lamp Spacing				
		2"	3"	4"	5"	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.
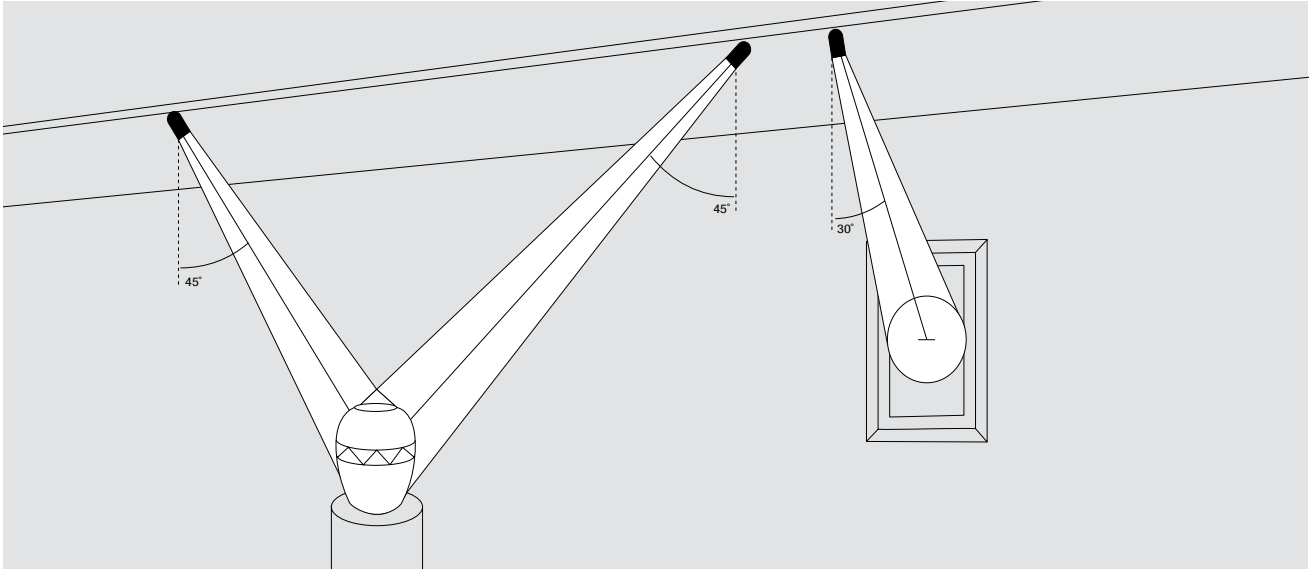
Accent Lighting of Three Dimensional Objects

"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.
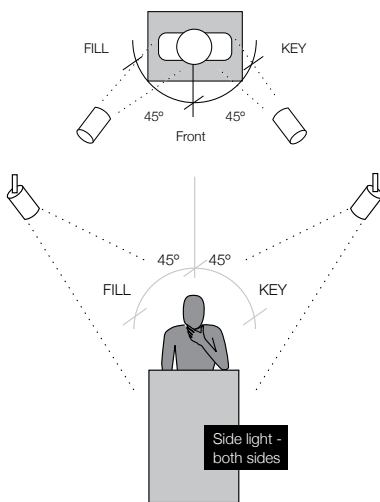
Accent Lighting of Flat Artwork

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 x .5774

Example: D = 4.0' x .5774 = 2.31' or approximately 2'-4"
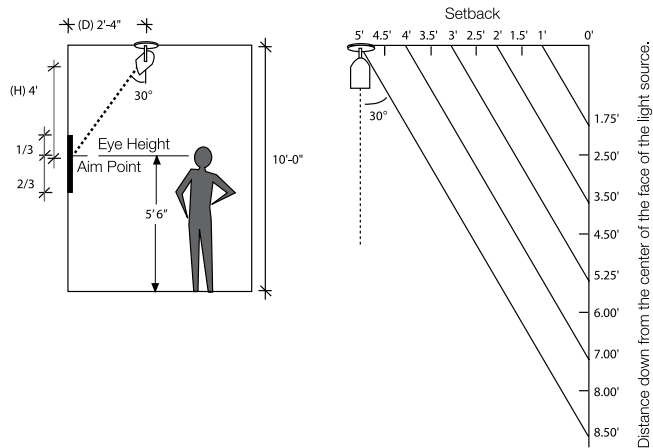
Lighting Control & Application Tips

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.
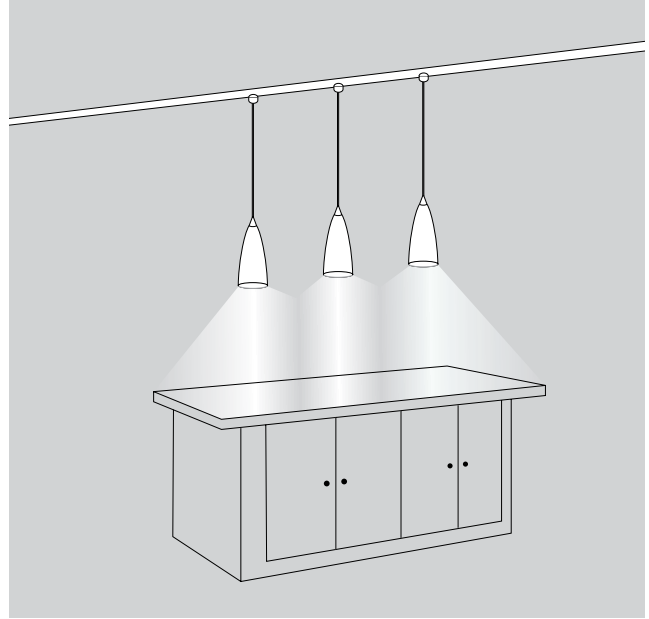
Task Lighting and Spotlights

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.
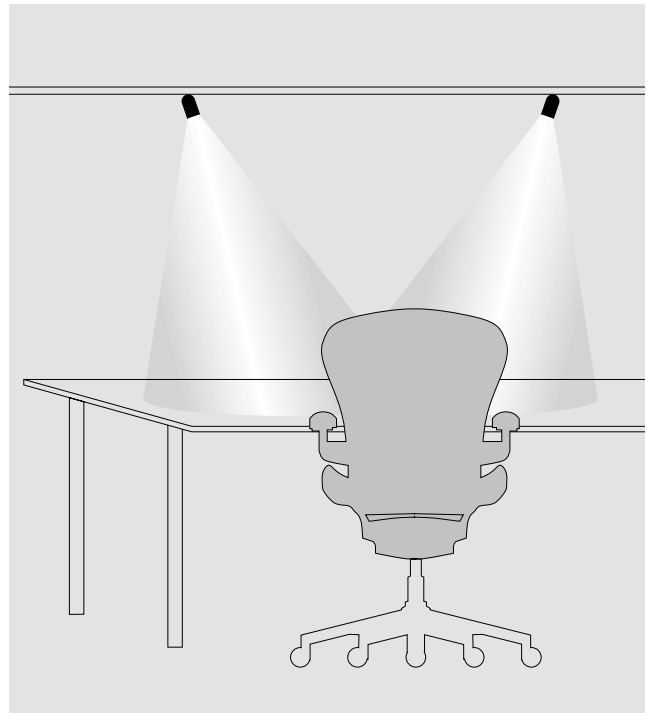
Lighting Control & Application Tips

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.
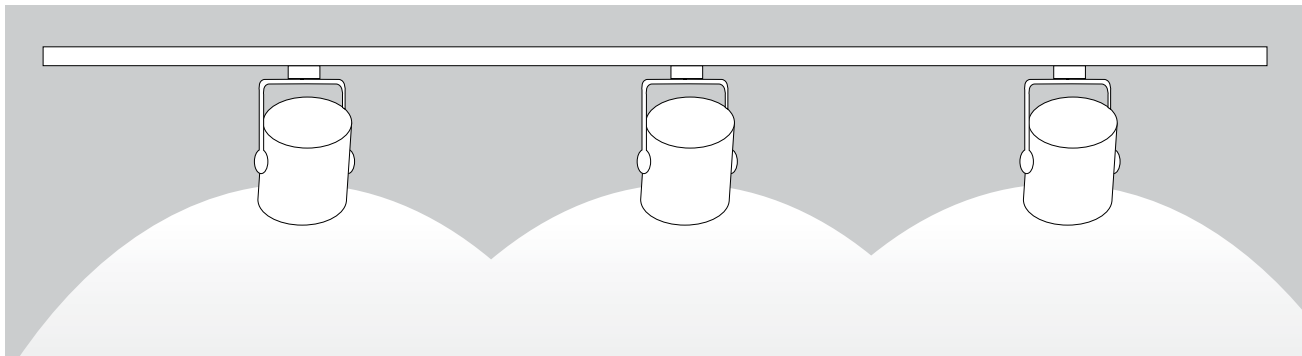
Wall Washing

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 30º 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.
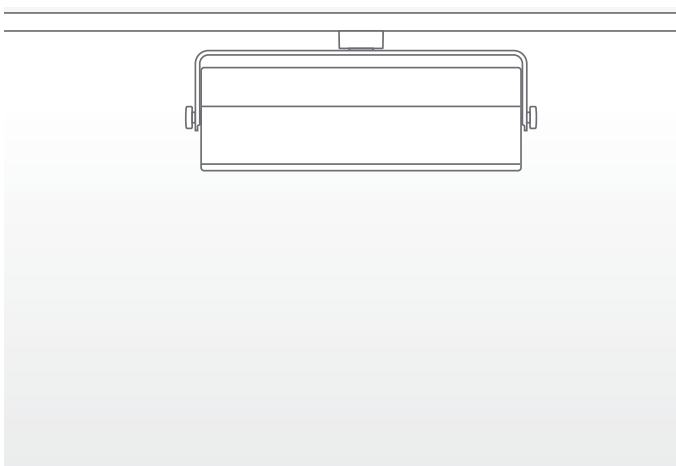
Rectangular Flood Fixtures

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.
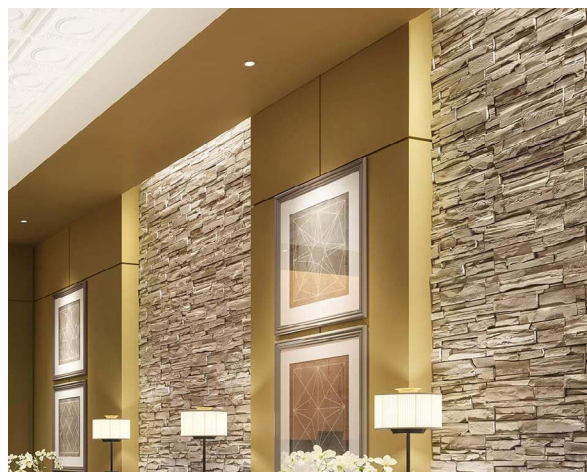
Grazing

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.)
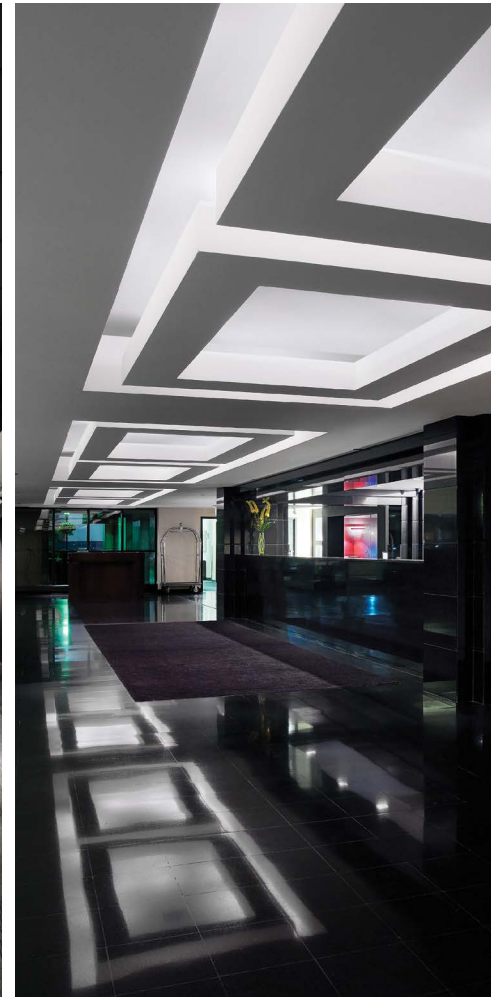
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