



Cylindra™ LED Track Lighting

Contemporary, stylish and ultra-efficient

JUNO®



Juno® Cylindra™ LED Track Lighting

More efficient,
more economical,
more to love



Juno Cylindra has always been an aesthetic masterpiece, blending elegant, gentle arcs with bold edges, to create a unique, yet timeless appearance. Now, thanks to state-of-the-art LEDs, it also offers unsurpassed performance and operating efficiencies. Incorporating the latest in LED technologies, Cylindra represents the leading-edge in commercial illumination.

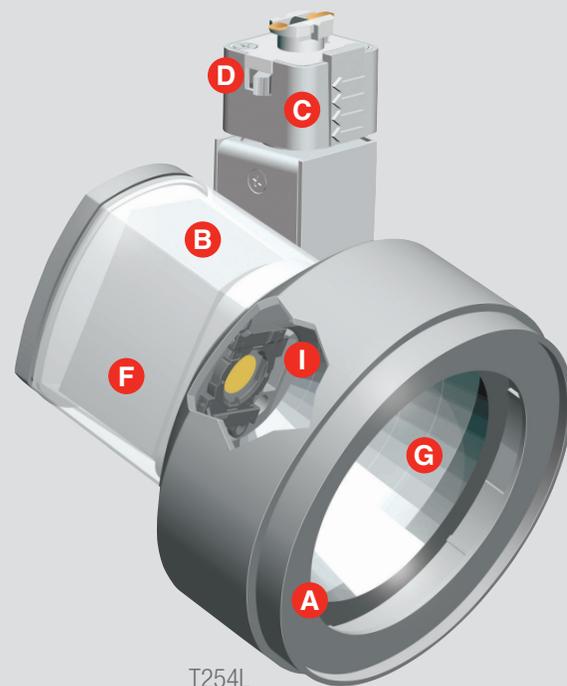
The next generation of Cylindra LED fixtures has advanced the art and science of track lighting to a whole new level, offering greater energy efficiency, value, and features than ever before. With up to nearly 4,000 energy-efficient lumens available, it is the ideal track fixture for most any retail, commercial, or residential application. Three available models operating at 11, 15, and 36 watts produce brilliant, color-consistent light that is up to 80% more energy efficient than equivalent halogen. Beam patterns, in up to four beam spread choices, are vibrant and uniform. Color consistency is outstanding, with chromaticity within a 3-step MacAdam Ellipse in each of the four color temperatures. And the 50,000-hour expected service life yields more than 10 years of maintenance-free operation in typical commercial applications.

All three models feature field-changeable optics, permitting beam patterns to be adapted to changing lighting needs. Cylindra is professional grade, with all-metal construction and precision bayonet-mount media cartridges. Brilliant performance, ultra-low energy consumption, zero maintenance, eco-friendly ... Cylindra LED is the ultimate track lighting solution.

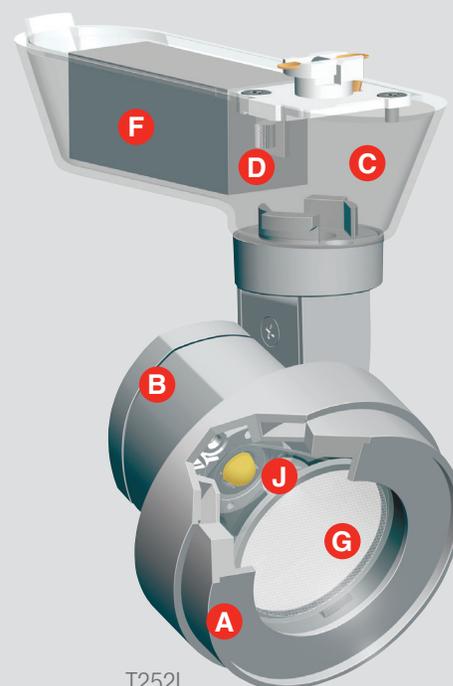
Everything you've always wanted in a track fixture ... and more

The Juno Cylindra™ LED Series provides the quality, versatility, and performance you need for your retail, commercial, or residential interiors. They not only produce up to nearly 4,000 energy-efficient lumens, but also offer:

- A choice of 4 color temperatures – 2700K, 3000K, 3500K, and 4000K – to complement any environment.
- Exceptional color consistency with chromaticity range within a 3-step MacAdam Ellipse.
- Standard CRI of 80 minimum; optional high CRI or SpectralWhite versions at 90 CRI minimum for color-critical applications.
- Reflector or TIR-based, field-changeable optics with spot, narrow flood, flood, and wide flood beam spreads that produce smooth, uniform light distribution.
- Full 360° horizontal rotation, 105° vertical aiming.
- Durable die cast aluminum construction, beautifully finished in white, black, or silver.
- Versatile installation on Juno Trac-Master® or Trac-Lites™ line voltage systems and monopoints.
- May be specified with a variety of alternate track adapters, providing compatibility with most commonly encountered competitor track systems.
- Designed, engineered and manufactured in the USA and backed with 5-year warranties.



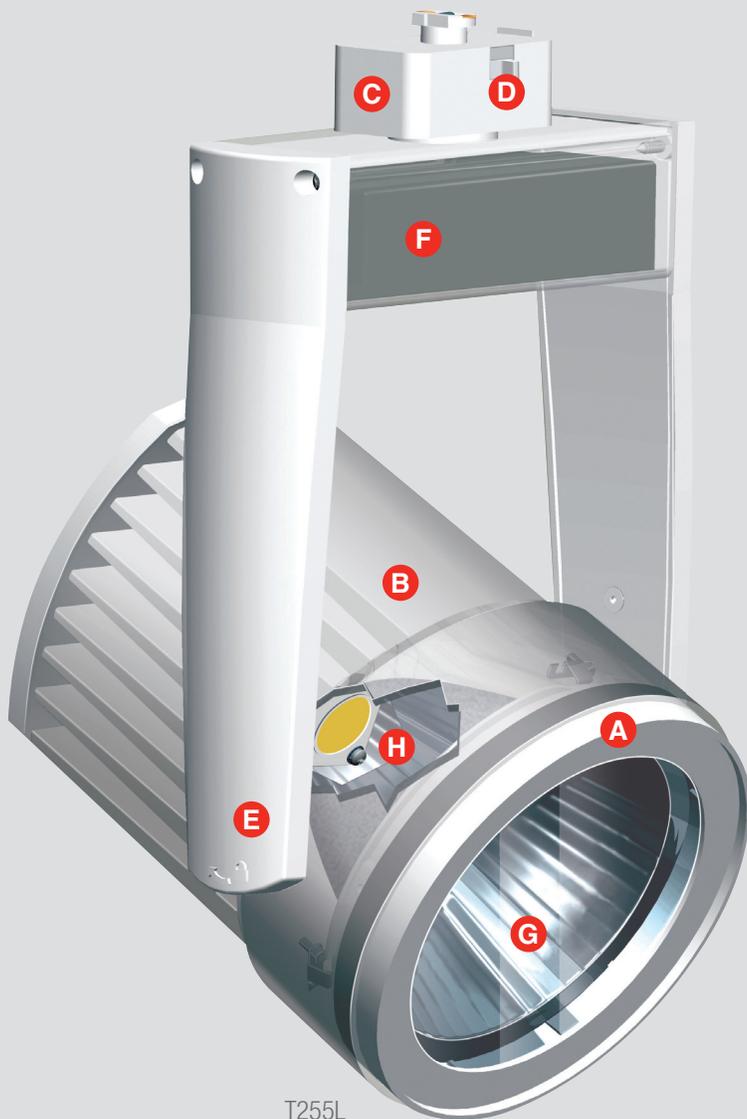
T254L



T252L

Juno® Cylindra™ LED ...

there's even more to love



- A** Innovative media cartridge, with quick-release bayonet mount, simultaneously accepts up to two light control accessories on the T254L and T255L, or one accessory on the T252L.
- B** Die cast aluminum housing provides outstanding thermal management, assuring 70% lumen maintenance at 50,000 hours of operation.
- C** Close-to-track mounting minimizes visual intrusion into your environment.
- D** Integral on/off switch permits individual fixtures to be taken out of service without affecting other fixtures on the track.
- E** T255L incorporates aiming-lock set screws to retain precise adjustment.
- F** Dimmable, compact LED driver is integrated into the design to minimize the fixture footprint and vertical displacement from the track.
- G** Field-changeable custom reflectors or precision TIR optics provide uniform spot, narrow flood, flood, and wide flood beam patterns.
- H** T255L utilizes a high performance LED array to produce up to nearly 4,000 lumens of uniform, bright-white light while consuming just 36 watts.
- I** T254L utilizes a high performance LED array to produce up to 1,600 lumens of uniform, bright-white light while consuming just 15 watts.
- J** T252L utilizes a high performance LED array to produce up to 1,000 lumens of uniform, bright-white light while consuming just 11 watts.



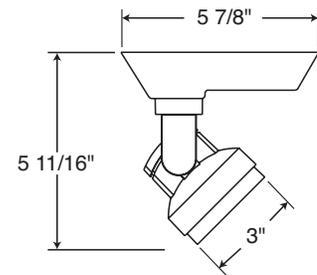
Juno® Cylindra™ LED T252L Series



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



Dimensions



Ordering Information

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

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

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	White	13 1/2"
TWLED 12IN BL	Black	
TWLED 12IN SL	Silver	
TWLED 18IN WH	White	19 1/2"
TWLED 18IN BL	Black	
TWLED 18IN SL	Silver	
TWLED 24IN WH	White	25 1/2"
TWLED 24IN BL	Black	
TWLED 24IN SL	Silver	
TWLED 36IN WH	White	37 1/2"
TWLED 36IN BL	Black	
TWLED 36IN SL	Silver	
TWLED 48IN WH	White	49 1/2"
TWLED 48IN BL	Black	
TWLED 48IN SL	Silver	

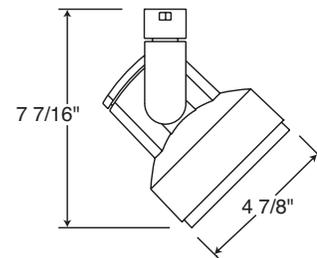
Juno Cylindra LED T254L Series



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



Dimensions



Ordering Information				Ordering Example: T254L G2 27K 90CRI PDIM SP BL				
Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index		Dimming Compatibility	Distribution	Finish
T254L 15W Cylindra LED	(Blank) Juno Universal 120V Trac Adapter	G2 Generation 2	27K 2700K	80CRI 80 CRI 90CRI 90 CRI SPW¹ SpectralWhite	PDIM Phase Dimmable	SP Spot NFL Narrow Flood FL Flood	BL Black SL Silver WH White	
	GTYPE G-Type Trac Adapter		30K 3000K					
	HTYPE H-Type Trac Adapter		35K 3500K					
	LTYPE L-Type Trac Adapter		40K 4000K					
	TEK TEK 120V Trac Adapter							

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

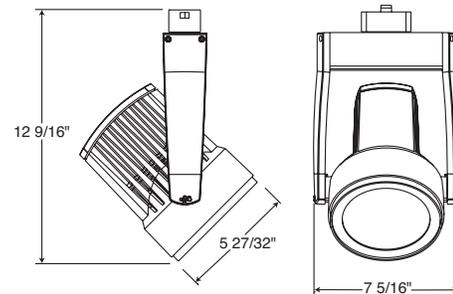
Juno Cylindra LED T255L Series



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



Dimensions



Ordering Information

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

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

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

The Perplexing CRI Decision Simplified



Do your retail or commercial spaces demand superb color rendering, as well as possess a lot of whites that need to pop as much as the colors? The Juno SpectralWhite color/white enhancing option offers a solution to this situation, rendering richer, more vibrant colors and making whites appear naturally brilliant and vivid. This is achieved using LEDs which employ a custom phosphor, formulated to adjust the spectrum of light emitted by the LED to produce radiant whites while maintaining high efficacy and high color rendering. The resulting light is more balanced than typical 80 CRI or 90 CRI LEDs, enabling colors to be rendered well while also enhancing whites.

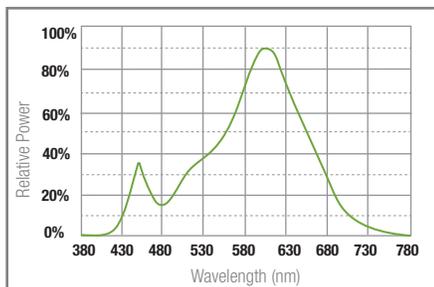
Different applications demand different levels of color rendering performance. For example, in applications where reds and yellows are not prevalent (or their rendering is not critical) and luminous efficacy is of utmost importance, 80 CRI is typically acceptable. 90 CRI is demanded by many of the remaining applications that require better rendering across a broader spectrum of colors (specifically reds). However, another area that typically suffers in either CRI offering is whites. The yellowing effect of the same phosphors that make most colors pop can produce whites that occasionally appear dull and lifeless.

The CRI decision becomes much simpler when you have determined what is most important for the application. If luminous efficacy is most important, standard 80 CRI is likely the best selection. If color rendering is most important, the 90 CRI option makes the most sense. Finally, if efficacy and color rendering are equally important and enhanced whites are also desirable, the new Juno SpectralWhite option becomes the obvious choice.

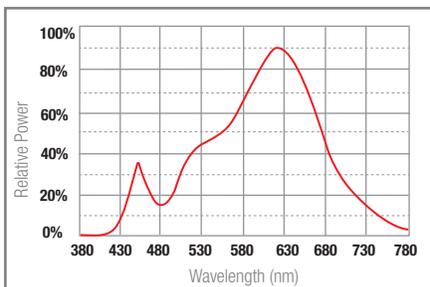
Color Rendering Options



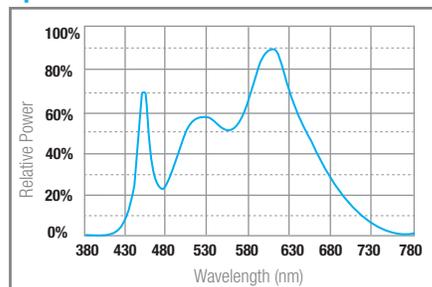
80 CRI



90 CRI



SpectralWhite



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