



# Trac-Lites<sup>™</sup>

Quality features and stylish designs offer affordable trac lighting for today's interiors





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# Juno® Trac-Lites™

Juno Trac-Lites bring you all the style, quality and lighting performance Juno is famous for at affordable prices that can be tailored to any budget.

Juno Trac-Lites offer a total system, featuring a wide assortment of low voltage and line voltage trac fixtures, decorative pendants, system components and trac kits. Trac fixtures are available in all the popular classics and in exciting contemporary designs, from metal and glass cones to barn doors, rockets, and cubes.

For added versatility, all Trac-Lites fixtures are compatible with Juno Trac-Master® trac systems and all Juno Trac-Master fixtures may be used on Trac-Lites trac systems.



The perfect blend of form, function and value, Juno Trac-Lites is the system of choice for illuminating many of today's most stylish interiors. No matter what your application, you are sure to find the solutions you need at prices you can afford.











# Low Voltage Spotlights

# **MR16**

## **R707**

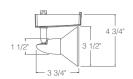
Rocket



#### 12V, 20-50W MR16CG

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Requires 12V MR16 cover glass lamp except when used with T7400 Accessory Holder.

Finishes: White (WH) with Opal Frost glass, Black (BL) with Opal Frost glass, Satin Chrome (SC) with Opal Frost glass, Painted Bronze (BZ) with Amber Frost glass



## **R708**

Odyssey



#### 12V, 20-50W MR16

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Accepts one 2" accessory.

Finishes: White (WH), Black (BL), Satin Chrome (SC), Painted Bronze (BZ)



#### **R709**

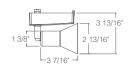
Flare



#### 12V, 20-50W MR16CG

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Requires 12V MR16 cover glass lamp except when used with T7400 Accessory Holder.

Finishes: White (WH), Black (BL), Satin Chrome (SC), Painted Bronze (BZ)



## **R710**

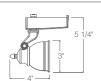
Bell



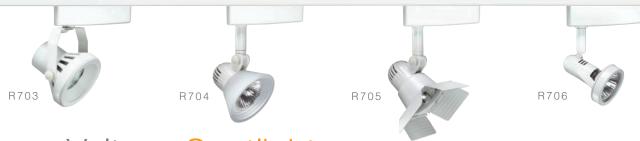
#### 12V, 20-50W MR16CG

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Integral baffle and deep lamp regression for optimal lamp shielding. Aiming locks help retain fixture position during relamping. Requires 12V MR16 cover glass lamp.

Finishes: White (WH), Black (BL), Satin Chrome (SC), Hand-Rubbed Bronze (BZ)







# Low Voltage Spotlights

## **MR16**

## R703

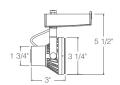
Funnel



#### 12V, 20-50W MR16

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Integral step baffle and deep lamp regression for optimal lamp shielding. Aiming locks help retain fixture position during relamping. Accepts one 2" accessory.

**Finishes:** White (WH), Black (BL), Silver (SL), Painted Bronze (BZ)



## R704

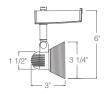
Step Glass



#### 12V, 20-50W MR16CG

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Aiming locks help retain fixture position during relamping. Requires 12V MR16 cover glass lamp except when used with T7400 Accessory Holder.

**Finishes:** White (WH) with Opal Frost glass, Black (BL) with Opal Frost glass, Silver (SL) with Opal Frost glass, Painted Bronze (BZ) with Amber Frost glass



#### **R705**

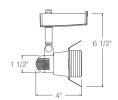
**Barn Doors** 



#### 12V, 20-50W MR16CG

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Barn Doors painted to match fixture finish. Aiming locks help retain fixture position during relamping. Requires 12V MR16 cover glass lamp.

**Finishes:** White (WH), Black (BL), Silver (SL), Painted Bronze (BZ)



#### **R706**

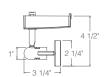
**Trumpet** 



#### 12V, 20-50W MR16

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Accepts one 2" accessory.

**Finishes:** White (WH), Black (BL), Satin Chrome (SC), Painted Bronze (BZ)















# Low Voltage Spotlights

## **MR16**

## R741

Cast Cube



#### 12V, 20-50W MR16

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Aiming locks help retain fixture position during relamping. Accepts one 2" accessory.

**Finishes:** White (WH), Black (BL), Satin Chrome (SC), Painted Bronze (BZ)



# R701

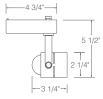
Cylinder



#### 12V, 20-50W MR16

Complete unit includes 12V, 50VA solid state electronic transformer. Aiming lock helps retain fixture position during relamping. Accepts one 2" accessory.

Finishes: White (WH), Black (BL)



#### R702

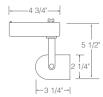
**Round Back** 



#### 12V, 20-50W MR16

With black bezel. Complete unit includes 12V, 50VA solid state electronic transformer. Accepts one 1-3/4" accessory.

**Finishes:** White (WH), Black (BL), Painted Bronze (BZ)



#### **R731**

Gimbal Ring



#### 12V, 20-50W MR16

Complete unit includes 12V, 50VA solid state electronic transformer. Aiming lock helps retain fixture position during relamping. Accepts one 2" accessory.

**Finishes:** White (WH), Black (BL), Silver (SL), Painted Bronze (BZ)



#### R740

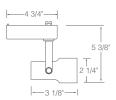
Pinchback



#### 12V, 20-50W MR16

Complete unit includes 12V, 50VA solid state electronic transformer. Aiming lock helps retain fixture position during relamping. Accepts one 2" accessory.

**Finishes:** White (WH), Black (BL), Painted Bronze (BZ)







# Low Voltage Accessories



#### **Accessory Holders**

Required for listed fixtures. Accepts two filters, lenses, or louvers except where noted.



#### **Light Control Lenses**

These lenses alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.



#### **UV Filters**

These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect fade-sensitive art and objects.



#### **Color Correction Filters**

These lenses correct the light from a halogen lamp, either to warm it up to approximate incandescent, or cool it down to approximate daylight.



#### **Color Filters**

These lenses change white light into colored light and are available in colored glass and more efficient/saturated dichroic glass filters.



#### Louvers

Hexcell louvers reduce perceived fixture brightness.

	1¾" Diameter	Compatible With	2" Diameter	Compatible With					
Accessory Holders			T7400BL, SA Accepts up to 2 accessories	R704, R707, R709					
Light Control Lenses				R701, R703, R731,					
Linear Spread Lens	T559		T7478	R740 and fixtures					
Prismatic Spread Lens	T557		T7477	with T7400					
Uniformity Lens	T5521		T7421	Accessory Holder					
Diffusion Lens	T5520		T7420						
UV Filter	T5522		T7422						
Color Correction Filters									
Halogen-to-Incandescent, 2700K	T5518		T7418						
Halogen-to-Daylight, 4250K	T5516		T7416						
Colored Glass Filters									
Medium Pink	T551		T741						
Warm Red		R702	T742	R701, R703, R706,					
Daylight Blue			T743	R708, R731, R740,					
Medium Blue	T553		T744	R741 and fixtures with T7400					
Medium Amber	T555		T745	Accessory Holder					
Medium Green			T746						
Dichroic Glass Filters									
Red	T5501		T7401						
Medium Green	T5503		T7403						
Medium Blue	T5504		T7404						
Yellow	T5505		T7405						
Magenta	T5506		T7406						
Blue-Green (Cyan)	T5511		T7411						
Hexcell Louver	T5559BL		T7459BL						





# PAR16 / MR16 GU10

#### **R711**

Open Back Spotlight



120V, 35-50W PAR16/MR16 GU10

Aiming lock helps retain fixture position during relamping.

Finishes: White (WH), Black (BL)



#### **R712**

Round Back Cylinder



120V, 35-50W PAR16/MR16 GU10

With black bezel.

Finishes: White (WH), Black (BL)



#### R713

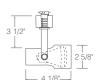
Step Cylinder



120V, 35-50W PAR16/MR16 GU10

With black bezel.

Finishes: White (WH), Black (BL)



#### R714

Cast Cube



120V, 35-50W PAR16/MR16 GU10

Aiming locks help retain fixture position during relamping.

**Finishes:** White (WH), Black (BL), Satin Chrome (SC), Painted Bronze (BZ)





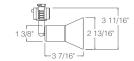


# PAR16 / MR16 GU10

#### R715 Flare

120V, 35-50W PAR16/MR16 GU10

**Finishes:** White (WH), Black (BL), Satin Chrome (SC), Painted Bronze (BZ)



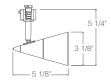
# R716

Glass Cone



120V, 35-50W PAR16/MR16 GU10

**Finishes:** White (WH) with Opal Frost glass, Black (BL) with Opal Frost glass, Satin Chrome (SC) with Opal Frost glass, Painted Bronze (BZ) with Amber Frost glass



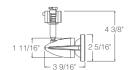
# R717

Odyssey



120V, 35-50W PAR16/MR16 GU10

**Finishes:** White (WH), Black (BL), Satin Chrome (SC), Painted Bronze (BZ)



#### R718 Bell



#### 120V, 35-50W PAR16/MR16 GU10

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

**Finishes:** White (WH), Black (BL), Satin Chrome (SC), Hand-Rubbed Bronze (BZ)



All Trac-Lites™ line voltage fixtures feature an on/off switch and are also compatible with Juno Trac-Master® single and two-circuit trac systems.





# **Universals, Flared Gimbals and Flared Steps**

#### R541 Universal



35-50W PAR20/35-75W PAR30

**Finishes:** White (WH), Black (BL), Satin Chrome (SC) with Black yoke and adapter, Painted Bronze (BZ)

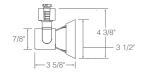


#### R531 Flared Gimbal



35-50W PAR20

**Finishes:** White (WH), Black (BL), Satin Chrome (SC) with Black yoke and adapter, Painted Bronze (BZ)

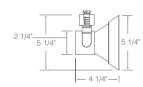


#### R532 Flared Gimbal



35-75W PAR30

**Finishes:** White (WH), Black (BL), Satin Chrome (SC) with Black yoke and adapter, Painted Bronze (BZ)

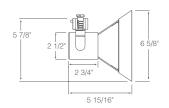


#### R530 Flared Gimbal



45-120W PAR38

**Finishes:** White (WH), Black (BL), Satin Chrome (SC) with Silver yoke and adapter, Painted Bronze (BZ)

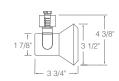


#### R551 Flared Step



35-50W PAR20

**Finishes:** White (WH), Black (BL), Satin Chrome (SC) with Black yoke and adapter, Painted Bronze (BZ)



All Trac-Lites™ line voltage fixtures feature an on/off switch and are also compatible with Juno Trac-Master® single and two-circuit trac systems.

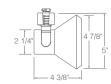


R552 Flared Step



#### 35-75W PAR30

**Finishes:** White (WH), Black (BL), Satin Chrome (SC) with Black yoke and adapter, Painted Bronze (BZ)

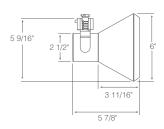


## R550 Flared Step



## 45-120W PAR38

**Finishes:** White (WH), Black (BL), Satin Chrome (SC) with Silver yoke and adapter, Painted Bronze (BZ)



# JUNO



# Line Voltage Spotlights

# **Round Back Cylinders and Flat Back Cylinders**

#### **R500**

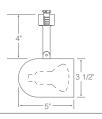
**Round Back** Cylinder



30-50W R20/35-50W PAR20

Without baffle

Finishes: White (WH), Black (BL)



#### **R501**

Round Back Cylinder

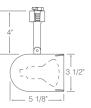


30-50W R20/35-50W PAR20

R501B - With black baffle

Finishes: White (WH), Black (BL), Polished Brass (PB), Painted Bronze (BZ)

R501W - With white baffle Finish: White (WH)



#### R502

Round Back Cylinder



45-65W BR30/35-75W PAR30/PAR30L

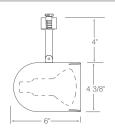
(Short neck PAR30 requires T599 Socket Extender).

R502B - With black baffle

Finishes: White (WH), Black (BL),

Painted Bronze (BZ) R502W - With white baffle

Finish: White (WH)



#### **R521W**

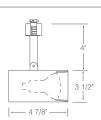
Flat Back Cylinder



30-50W R20/35-50W PAR20

With white baffle

Finish: White (WH)



#### **R522W**

Flat Back Cylinder

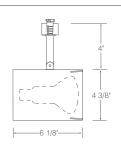


45-65W BR30/35-75W PAR30/PAR30L

(Short neck PAR30 requires T599 Socket Extender).

With white baffle

Finish: White (WH)







# Step Cylinders and Open Backs

#### **R510**

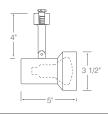
Step Cylinder



30-50W R20/35-50W PAR20

Without baffle

Finishes: White (WH), Black (BL)



#### R511

Step Cylinder



30-50W R20/35-50W PAR20

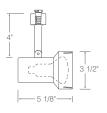
R511B - With black baffle

Finishes: White (WH), Black (BL),

Polished Brass (PB)

R511W - With white baffle

Finish: White (WH)



#### R512

Step Cylinder



45-65W BR30/35-75W PAR30/PAR30L

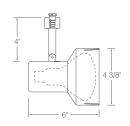
(Short neck PAR30 requires T599 Socket Extender).

R512B – With black baffle

Finishes: White (WH), Black (BL)

R512W - With white baffle

Finish: White (WH)



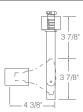
#### **R533**

Open Back Spotlight



35-75W PAR30

Finishes: White (WH), Black (BL)



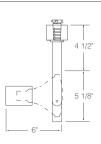
## R534

Open Back Spotlight



45-120W PAR38

Finishes: White (WH), Black (BL)



All Trac-Lites™ line voltage fixtures feature an on/off switch and are also compatible with Juno Trac-Master® single and two-circuit trac systems.





Glass pendants in both miniature low voltage and larger-scaled line voltage designs provide efficient task lighting over counters and tables while adding a decorative touch to interiors.





 $\textit{All Trac-Lites}^{\tiny{\mathbb{M}}} \ \textit{Decorative Pendants are also compatible with Juno Trac-Master}^{\tiny{\mathbb{B}}} \ \textit{single and two-circuit trac systems}.$ 





# Juno Trac-Lites™ System



Trac sections are constructed of extruded aluminum and offer a low 1/2" profile that unobtrusively hugs the ceiling. Attractive yet affordable, they incorporate all the popular Juno trac features, including debossed polarity indicators for fast, sure alignment. Standard trac sections are available in 2', 4', 6' and 8' lengths with 12-gauge copper conductors. They can be easily cut to custom lengths in the field. A comprehensive selection of electrical feeds and connectors completes this highly versatile system.





# Trac System

## **Trac Sections**

2' Trac

19-7/8" actual length

R2BL Black **R2SL** Silver R2BZ Bronze **R2WH** White **R2NA** Natural

4' Trac

43-7/8" actual length

R4BL Black **R4SL** Silver R4BZ Bronze R4WH White **R4NA** Natural

R6BL Black R6BZ Bronze **R6NA** Natural

6' Trac

8' Trac

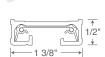
91-7/8" actual length R8BL Black **R8SL** Silver

67-7/8" actual length

**R6SL** Silver

**R6WH** White

R8BZ Bronze **R8WH** White **R8NA** Natural



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

#### Electrical Feeds



#### **End Feed Connector** and Outlet Box Cover

For outlet box feed. Includes outlet box cover, fixture strap and ground screw.

R21BL Black R21SL Silver R21BZ Bronze R21WH White



#### **End Feed Connector**

Feeds Trac from above with Flex or BX. Accepts standard 1/2" electrical connector

R38BL Black R38SL Silver R38BZ Bronze R38WH White



# Conduit Feed

For surface wiring using standard 1/2" electrical connector.

**B34BI** Black R34SL Silver R34WH White R34BZ Bronze



#### T-Bar End Feed

Wiring compartment contains standard 1/2" K.O.'s. Feeds Trac from above when T-Bar is directly above Trac.

R36BL Black R36SL Silver R36WH White R36BZ Bronze



#### Cord and Plug End Feeds

End Feed Connector with 15' 2-wire white cord. Includes surface wire retainers and in-line switch. 7 Amp maximum. Not UL Rated.

R22BL Black R22SL Silver R22BZ Bronze

# R22WH White

#### Floating Electrical Feed

Permits mounting at any point along Trac at outlet box. Includes floating connector, outlet box cover, and Trac dead end.

R29BL Black R29SL Silver R29BZ Bronze R29WH White

**Outlet Box Cover** 

Use with R24 and R25 for outlet

box electrical feed. Includes nipple,

T27SI Silver

T27WH White

Same as left, but with 3-wire grounded complementary color cords. No switch. 7 Amp maximum. Not UL Rated.

R122BL Black

R122BZ Bronze - with black

cord & plug

R122SL Silver - with black cord & plug

R122WH White

#### Connectors



#### Miniature Straight Connector

Joins two Trac sections end to end.



Flexible Adjustable Joiner Joins two Trac sections. Can flex to

R20BL Black R20SL Silver



90° to the left, right, up or down.

R20BZ Bronze R20WH White



## **Trac Continuation Kit**

locknut and ground screw.

Two conduit adapters (one left R34 and one right R34) to continue Trac run around or thru obstructions. Use with standard 1/2" electrical connectors.

R49BL Black R49SL Silver R49BZ Bronze R49WH White



## **Adjustable Connector**

Joins two Trac sections to make 90° angle or straight run. T27 required for junction box feed. Straight and right angle covers supplied.

R24BL Black R24SL Silver R24WH White R24BZ Bronze



T27BL Black

T27BZ Bronze

Only required when terminating extra field cut-off sections. One supplied with Trac Section.

R28BL Black R28SL Silver R28BZ Bronze R28WH White



#### T Connector

Joins three Trac sections. T27 required for junction box feed.

R25BL Black R25SL Silver R25BZ Bronze R25WH White



# Current Limiting Feeds

Trac-Lites Current Limiting Feeds are the ideal solution for bringing trac applications into conformance with today's stringent commercial energy codes. Current Limiting Feeds - also known as Current Limiting Circuit Breakers - replace standard electrical feeds and are installed at every trac feed location. They help avoid the watts-per-linear-foot penalties found in most energy codes, reducing calculated watts by as much as 75% or more. Current Limiting Circuit Breakers (ordered separately) are available in increments from 0.5A to 14A, permitting them to be closely matched to planned system wattage. Juno remote-mount Current Limiting Subpanels are also available for Trac-Lites systems - please visit our website for details.

#### Electrical Feeds



#### **End Feed**

Enables trac to be fed in one direction.

RCLF11BL Black RCLF11BZ Bronze **RCLF11SL** Silver **RCLF11WH** White



#### In-Line Feed

Enables trac to be fed in two directions. Accepts either one or two circuit breakers.

RCLF21BL Black RCLF21BZ Bronze RCLF21SL Silver RCLF21WH White

## **Current Limiting Circuit Breakers**

Catalog #	Description	Wattage	Finish
TCL0.5	0.5A Current Limiting Circuit Breaker	60W	BL, WH
TCL1	1A Current Limiting Circuit Breaker	120W	BL, WH
TCL2	2A Current Limiting Circuit Breaker	240W	BL, WH
TCL3	3A Current Limiting Circuit Breaker	360W	BL, WH
TCL4	4A Current Limiting Circuit Breaker	480W	BL, WH
TCL5	5A Current Limiting Circuit Breaker	600W	BL, WH
TCL6	6A Current Limiting Circuit Breaker	720W	BL, WH
TCL7	7A Current Limiting Circuit Breaker	840W	BL, WH
TCL8	8A Current Limiting Circuit Breaker	960W	BL, WH
TCL9	9A Current Limiting Circuit Breaker	1080W	BL, WH
TCL10	10A Current Limiting Circuit Breaker	1200W	BL, WH
TCL12	12A Current Limiting Circuit Breaker	1440W	BL, WH
TCL14	14A Current Limiting Circuit Breaker	1680W	BL, WH

# Mounting Accessories

A full range of accessories are available to tailor the Trac-Lites system to your exact requirements. Ceiling Pendant Stem Kits permit trac to be mounted at ideal heights without having to lower the entire ceiling plane. Please note that stems can be specified in a variety of lengths and can be coupled for higher-ceiling applications.



#### Monopoint - Line Voltage

Accepts Juno 120V Trac fixtures. Mounts directly to outlet box. 4-3/4" dia. x 5/8" high

R40BL Black R40SL Silver R40BZ Bronze R40WH White



#### Monopoint - Low Voltage

Accepts Juno 12V Trac-Lites® low voltage trac fixtures and decorative pendants. Mounts directly to outlet box. 6-1/2" dia. x 1/2" high

R58BL Black **B58SI** Silver R58BZ Bronze R58WH White



#### T-Bar Attachment Clips

To attach Trac to inverted tee grid ceiling. Use two for 2' or 4' Trac or three for 6' or 8' Trac. R37F 15/16" T-Bar clip for use with flush tile ceilings.

R37D 15/16" T-Bar clip for use with drop tile ceilings.

R37-9-16 9/16" T-Bar clip for use with flush or drop tile ceilings.



#### Solid Rod Pendant Mounting Kit

Attaches solid 5/16" threaded rod to Trac. Includes plastic cap, mounting bracket, and hardware. Rod not supplied.

T56BL Black T56SL Silver T56BZ Bronze T56WH White



#### T-Bar Ceiling Pendant Stem Kits\*

Use two for 2', 4' or 6' Trac, or three for 8' Trac. For electrical feed, order Wireway Cover T93.

T90-12-BL, T90-12-BZ, T90-12-SL, T90-12-WH T90-18-BL, T90-18-BZ, T90-18-SL, T90-18-WH T90-24-BL, T90-24-BZ, T90-24-SL, T90-24-WH T90-36-BL, T90-36-BZ, T90-36-SL, T90-36-WH T90-48-BL, T90-48-BZ, T90-48-SL, T90-48-WH



## Pendant Stem Threaded Coupling

Enables multiple pendant stems to be joined for higher-ceiling applications.

T96BL Black T96SL Silver T96BZ Bronze T96WH White



#### Rigid Ceiling Pendant Stem Kits\*

Use two for 2', 4', or 6' Trac, or three for 8' Trac. For electrical feed, order Wireway Cover T93.

T91-12-BL, T91-12-BZ, T91-12-SL, T91-12-WH T91-18-BL, T91-18-BZ, T91-18-SL, T91-18-WH T91-24-BL, T91-24-BZ, T91-24-SL, T91-24-WH T91-36-BL, T91-36-BZ, T91-36-SL, T91-36-WH T91-48-BL, T91-48-BZ, T91-48-SL, T91-48-WH

\*Pendant Stems should not be used to support Trac-Lites Series Trac when used in conjunction with Trac-Master TBX Series Biax trac fixtures.



#### Pendant Slope Ceiling Adapter

Permits pendant Trac stem to be hung vertically from sloped ceiling. Use pendant kits (T90, T91). Will allow feeding of electrical wires to Trac at up to a 60° angle.

T94BL Black T94SL Silver T94BZ Bronze T94WH White



#### **Feed Wireway Cover**

Use one for each T90 or T91 when using stem for feeding Trac. Feed using R38 or R24. Conceals electrical feed wires from stem to Trac.

T93BL Black T93SL Silver T93BZ Bronze T93WH White





# Trac Kits

Easy-to-install Trac-Lites Kits are available with many popular fixture styles. Everything needed for a professional installation is included in a single box. These kits enable you to produce dramatic lighting effects throughout the home, including kitchens, dens, family rooms and much more.



## **Line Voltage Step Cylinder Trac Kits**

#### 4' Kit with Three Fixtures

45-65W BR30/35-75W PAR30L Lamps One 4' section of trac, floating feed and three white step cylinder fixtures with white baffles.

R4K3512W-WH White

#### 4' Kit with Three Fixtures

35-50W PAR20 Lamps One 4' section of trac, floating feed, mounting hardware and three white flared step cylinder fixtures.

R4K3551WH White

# Low Voltage Round Back Trac Kits

#### 4' Kit with Three Fixtures

12V 20-50W MR16 Lamps One 4' section of trac, floating feed and three white low voltage round back cylinder fixtures.

R4K3702WH White

## **Line Voltage Round Back Trac Kits**

#### 2' Kit with Two Fixtures

30-50W R20/35-50W PAR20 Lamps One 2' section of trac, floating feed and two white round back cylinder fixtures without baffles.

R2K2500WH White

#### 4' Kit with Two Fixtures

30-50W R20/35-50W PAR20 Lamps Two 2' sections of trac, floating feed, mini connector and two white round back cylinder fixtures with white baffles.

R4K2501W-WH White

#### 4' Kit with Three Fixtures

120V, 35-50W PAR16/MR16 GU10 Lamps Two 2' sections of trac, floating feed, mini connector, three white round back cylinder fixtures with black bezels and three 50W GU10 Lamps.

R4K3712WH White

# **Fixed Monopoints**

Monopoints provide optimum mounting flexibility, enabling trac heads to be installed precisely where light is needed.

#### Step Cylinder Monopoint



45-65W BR30/35-75W PAR30L Lamp (Short neck PAR30 requires T599 Socket Extender) White baffle.

R1F512W-WH White

## **Round Back Cylinder Monopoints**



30-50W R20/35-50W PAR20 Lamp White baffle.

R1F501W-WH White



45-65W BR30/35-75W PAR30L Lamp (Short neck PAR30 requires T599 Socket Extender) White baffle.

R1F502W-WH White

# Light Bars

Light bars include three Step Cylinder trac heads on a 23" fixed-position bar, offering fast, easy installation.

## Three Head Step Cylinder



30-50W R20/35-50W PAR20 Lamps White baffle. 23" fixed position bar.

R3F511W-WH White



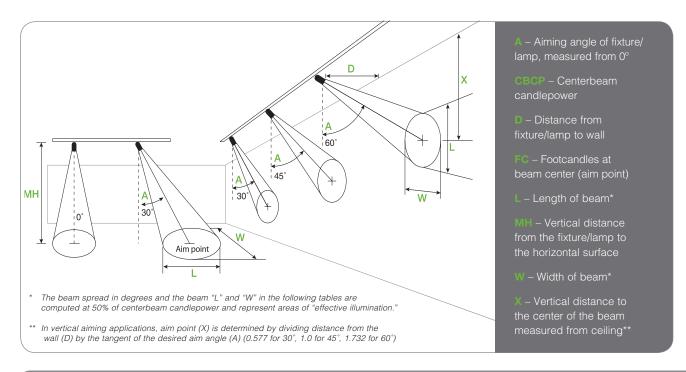




# Photometric Data

The photometric charts on the following pages provide illumination levels (FC) and beam size (in feet) for lamps of various wattages and beam patterns. Data is given for lamps aimed at both horizontal and vertical surfaces.

Maximum candlepower and rated life is also indicated for each lamp. Lamp performance is based on bare lamp photometrics provided by lamp manufacturers. Additional information may be obtained from Juno. The below illustration defines the table headings used on the following pages.



## **Lamp Data**

					Horizontal Surface							Vertical Surface													
	Beam	Beam	Rated		0 degrees			30	degr	ees		3	0 degi	rees		45 degrees					60 degrees				
Lamp	Туре	Spread	Life	CBCP	МН	FC	L	W	FC	L	W	D	FC	Х	L	W	FC	Х	L	W	D	FC	Х	L	W
50W R20	FL	45°	2000	550	2	138	1.7	1.7	89	2.3	1.9	2	17	3.5	13.7	3.3	49	2.0	4.0	2.3	2	89	1.2	2.3	1.9
Incandescent		Λ			4	34	3.3	3.3	22	4.7	3.8	3	8	5.2	20.5	5.0	22	3.0	6.0	3.5	3	40	1.7	3.5	2.9
A		/\			6	15	5.0	5.0	10	7.0	5.7	4	4	6.9	**	6.6	12	4.0	8.0	4.7	4	22	2.3	4.7	3.8
		/ \			8	9	6.6	6.6	6	9.4	7.7	5	3	8.7	**	8.3	8	5.0	10.0	5.9	5	14	2.9	5.9	4.8
					10	5	8.3	8.3	4	11.7	9.6	6	2	10.4	**	9.9	5	6.0	12.0	7.0	6	10	3.5	7.0	5.7
65W BR30	SP	27°	2000	1680	2	420	1.0	1.0	273	1.3	1.1	2	53	3.5	4.6	1.9	148	2.0	2.0	1.4	3	121	1.7	2.0	1.7
Incandescent		Λ			4	105	1.9	1.9	68	2.6	2.2	3	23	5.2	7.0	2.9	66	3.0	3.1	2.0	4	68	2.3	2.6	2.2
A		/\			6	47	2.9	2.9	30	3.9	3.3	4	13	6.9	9.3	3.8	37	4.0	4.1	2.7	5	44	2.9	3.3	2.8
		/ \			8	26	3.8	3.8	17	5.2	4.4	5	8	8.7	11.6	4.8	24	5.0	5.1	3.4	6	30	3.5	3.9	3.3
$\bigcirc$					10	17	4.8	4.8	11	6.5	5.5	6	6	10.4	13.9	5.8	16	6.0	6.1	4.1	7	22	4.0	4.6	3.9
	FL	60°	2000	510	2	128	2.3	2.3	83	3.5	2.7	1	64	1.7	**	2.3	180	1.0	3.5	1.6	1	331	0.6	1.7	1.3
		$\wedge$			3	57	3.5	3.5	37	5.2	4.0	2	16	3.5	**	4.6	45	2.0	6.9	3.3	2	83	1.2	3.5	2.7
					4	32	4.6	4.6	21	6.9	5.3	3	7	5.2	**	6.9	20	3.0	10.4	4.9	3	37	1.7	5.2	4.0
	/	\			5	20	5.8	5.8	13	8.7	6.7	4	4	6.9	**	9.2	11	4.0	13.9	6.5	4	21	2.3	6.9	5.3
5011/ D 4 D00		100	7	1000	6	14	6.9	6.9	9	10.4	8.0	5	3	8.7	**	11.5	7	5.0	17.3	8.2	5	13	2.9	8.7	6.7
50W PAR20	SP	10°	2500	4600	6	128	1.0	1.0	83	1.4	1.2	2	144	3.5	1.4	0.7	407	2.0	0.7	0.5	3	332	1.7	1.7	0.6
Halogen		Λ			8	72	1.4	1.4	47	1.9	1.6	3	64	5.0	2.1	1.0	181	3.0	1.1	0.7	4	187	2.3	0.9	0.8
ê		Λ			10	46	1.7	1.7	30	2.3	2.0	4	36	6.9	2.9	1.4	102	4.0	1.4	1.0	5	120	2.9	1.2	1.0
Д		/\			12	32 24	2.1	2.1	21 15	2.8	2.4	5	23 16	8.7	3.6 4.3	1.7	65 45	5.0	1.8	1.2	6 7	83	3.5	1.4	1.2
		30°	2500	1200		75	2.4	2.4				6	38						2.3			61		2.2	1.4
	ΓL	۸	2500	1200	5	75 48	2.1	2.1	49 31	2.9	2.5	3	17	3.5 5.2	5.5 8.2	2.1	106 47	2.0	3.5	1.5	3	87 49	1.7	2.2	1.9
		/\			6	33	3.2	3.2	22	4.4	3.1	4	9	6.9	10.9	4.3	27	4.0	4.6	3.0	5	31	2.3	3.7	3.1
		/ \			7	25	3.8	3.8	16	5.1	4.3	5	6	8.7	13.7	5.4	17	5.0	5.8	3.8	6	22	3.5	4.4	3.1
					8	25 19	4.3	4.3	12	5.1	5.0	6	4	10.4	16.4	6.4	12	6.0	3.9	4.5	7	16	4.0	5.1	4.3
					0	13	7.0	7.0	12	0.0	0.0	U		10.4	10.4	0.4	12	0.0	0.0	7.0		-10	7.0	U. I	7.0



						ŀ	Horizo	ontal S	Surfac	e		Vertical Surface													
	Beam	Beam	Rated			0 degrees 30 degrees				30 degrees 45 degrees								60 degrees							
Lamp	Туре	Spread	Life	CBCP	МН	FC	L	W	FC	L	W	D	FC	X	L	W	FC	Х	L L	w	D	FC	X	L	W
75W PAR30	SP	10°	3000	13000	6	361	1.0	1.0	235	1.4	1.2	3	181	5.2	2.1	1.0	511	3.0	1.1	0.7	7	172	4.0	1.6	1.4
Halogen		٨			8	203	1.4	1.4	132	1.9	1.6	4	102	6.9	2.9	1.4	287	4.0	1.4	1.0	8	132	4.6	1.9	1.6
		Λ			10	130	1.7	1.7	84 59	2.3	2.0	5 6	65 45	8.7	3.6 4.3	1.7	184 128	5.0	1.8	1.2	9	104 84	5.2	2.1	1.8
					14	66	2.4	2.4	43	3.3	2.8	7	33	12.1	5.0	2.4	94	7.0	2.5	1.7	11	70	6.4	2.6	2.2
	NFL	25°	3000	3100	4	194	1.8	1.8	126	2.4	2.0	2	97	3.5	4.2	1.8	274	2.0	1.9	1.3	3	224	1.7	1.8	1.5
		$\wedge$			8	86 48	2.7	2.7	56 31	3.6 4.8	3.1	3	43 24	5.2 6.9	6.2 8.3	2.7	122 69	3.0	2.8	1.9	4 5	126 81	2.3	2.4	2.0
		/ \			10	31	4.4	4.4	20	6.0	5.1	5	16	8.7	10.4	4.4	44	5.0	4.7	3.1	6	56	3.5	3.6	3.1
			2000	2000	14	66	2.4	2.4	43	3.3	2.8	6	11	10.4	12.5	5.3	30	6.0	5.6	3.8	7	41	4.0	4.2	3.6
	FL	35° ∧	3000	2000	6	125 56	2.5	2.5	81 36	3.5 5.2	2.9	2	63 28	3.5 5.2	7.2 10.8	2.5	177 79	2.0	2.8	1.8	3	144 81	1.7	2.6	2.2
		/\			8	31	5.0	5.0	20	7.0	5.8	4	16	6.9	14.4	5.0	44	4.0	5.6	3.6	5	52	2.9	4.3	3.6
		/ \			10	20	6.3	6.3	13	8.7	7.3	5	10	8.7	18.0	6.3	28	5.0	7.0	4.5	6	36	3.5	5.2	4.4
120W PAR38	SP	10°	3000	22500	12	14 225	7.6	7.6	9	2.3	2.0	6	7 176	6.9	21.6	7.6	20 497	6.0 4.0	8.4 1.4	1.0	- 7 - 6	27 406	3.5	0.9	5.1
Halogen	OI.	10	5500	22000	12	156	2.1	2.1	101	2.8	2.4	6	78	10.4	4.3	2.1	221	6.0	2.1	1.5	9	180	5.2	1.4	1.2
â		$\land$			14	115	2.4	2.4	75	3.3	2.8	8	44	13.9	5.7	2.8	124	8.0	2.8	2.0	12	101	6.9	1.9	1.6
Ā		/\			16	88	2.8	2.8	57	3.7	3.2	10	28	17.3	7.2	3.5	80	10.0	3.5	2.5	15	65 45	8.7	2.3	2.0
		30°	3000	4600	18	69 72	3.1 4.3	4.3	45 47	5.9	3.6 5.0	12	20 144	20.8	8.6 5.5	2.1	55 407	12.0	2.3	1.5	18 3	45 332	10.4	2.8	1.2
		$\wedge$			10	46	5.4	5.4	30	7.3	6.2	4	36	6.9	10.9	4.3	102	4.0	4.6	3.0	4	187	2.3	2.9	2.5
		/\			12	32	6.4	6.4	21	8.8	7.4	6	16	10.4	16.4	6.4	45	6.0	6.9	4.5	6	83	3.5	4.4	3.7
					14	23 18	7.5 8.6	7.5 8.6	15 12	10.2	8.7 9.9	10	9	13.9 17.3	21.9	8.6	25 16	8.0	9.2	6.1 7.6	8	47 30	4.6 5.8	5.9 7.3	5.0 6.2
	WFL	50°	3000	2000	6	56	5.6	5.6	36	8.0	6.5	2	63	3.5	21.5	3.7	177	2.0	4.8	2.6	2	325	1.2	2.7	2.2
		$\wedge$			8	31	7.5	7.5	20	10.7	8.6	3	28	5.2	**	5.6	79	3.0	7.2	4.0	3	144	1.7	4.0	3.2
					10	20 14	9.3	9.3	13	13.4	10.8	4 5	16 10	6.9 8.7	**	7.5 9.3	44 28	4.0 5.0	9.5	5.3	4 5	81 52	2.3	5.4	4.3 5.4
	Ζ		7		14	10	13.1	13.1	7	18.8	15.1	6	7	10.4	**	11.2	20	6.0	14.3	7.9	6	36	3.5	8.0	6.5
20W MR16	FL	40	5000	475	3	53	2.2	2.2	34	3.0	2.5	1	59	1.7	4.8	1.5	168	1.0	1.7	1.0	2	77	1.2	2.0	1.7
12V Halogen Lensed		$\wedge$			5	19 10	3.6 5.1	3.6 5.1	12 6	5.1 7.1	4.2 5.9	2	15	3.5 5.2	9.7	2.9	42 19	2.0	3.4 5.0	2.1	3	34 19	1.7	3.0	2.5
Lenseu					9	6	6.6	6.6	4	9.1	7.6	4	4	6.9	19.3	5.8	10	4.0	6.7	4.1	5	12	2.9	4.1 5.1	4.2
					11	4	8.0	8.0	3	11.2	9.2	5	2	8.7	24.2	7.3	7	5.0	8.4	5.1	6	9	3.5	6.1	5.0
50W MR16	NSP	15°	6000	9100	6	253	1.6	1.6	164	2.1	1.8	3	126	5.2	3.3	1.6	357	3.0	1.6	1.1	6	164	3.5	1.1	0.9
Halogen		Λ			10	142 91	2.1	2.1	92 59	2.8	2.4	4 5	71 46	6.9 8.7	4.4 5.6	2.1	201 129	4.0 5.0	2.1	1.5	7 8	121 92	4.0	1.4	1.2
		/\			12	63	3.2	3.2	41	4.2	3.6	6	32	10.4	6.7	3.2	89	6.0	3.2	2.2	9	73	5.2	2.1	1.8
			2000	0000	14	46	3.7	3.7	30	4.9	4.3	7	23	12.1	7.8	3.7	66	7.0	3.8	2.6	10	59	5.8	2.5	2.1
	NFL	25° 1	6000	3200	6	200 89	1.8	1.8	130 58	2.4	2.0	2	100	3.5 5.2	4.2 6.2	1.8	283 126	2.0	1.9	1.3	4 5	130 83	2.3	1.2	1.0
		/\			8	50	3.5	3.5	32	4.8	4.1	4	25	6.9	8.3	3.5	71		3.7	2.5	6	58	3.5		2.0
		/ \			10	32	4.4	4.4	21	6.0	5.1	5	16	8.7	10.4	4.4	45	5.0	4.7	3.1	7	42	4.0	3.0	2.6
	FL	40°	6000	1700	12	22 189	5.3	5.3	14	7.2	2.5	6	11 53	3.5	12.5 9.7	5.3	31 150	2.0	5.6 3.4	3.8	3	32 123	4.6 1.7	2.0	3.1
	' -	^	0000	1700	4	106	2.9	2.9	69	4.1	3.4	3	24	5.2	14.5	4.4	67	3.0	5.0	3.1	4	69	2.3	3.0	2.5
		/\			6	47	4.4	4.4	31	6.1	5.0	4	13	6.9	19.3	5.8	38	4.0	6.7	4.1	5	44	2.9	4.1	
		/ \			10	27 17	5.8 7.3	5.8 7.3	17 11	8.1	6.7 8.4	5 6	9	8.7	24.2	7.3 8.7	24 17	5.0	8.4	5.1 6.2	6 7	31 23	3.5	5.1	
50W MR16	SP	10°	5000	15000	6	417	1.0	1.0	271	1.4	1.2	3	208	5.2	2.1	1.0	589	3.0	1.1	0.7	6	271	3.5	0.7	
Halogen IR		٨			8	234	1.4	1.4	152	1.9	1.6	4	117	6.9	2.9	1.4	331	4.0	1.4	1.0	7	199	4.0		0.8
Lensed		Λ			10		1.7	1.7	97	2.3	2.0	5	75	8.7	3.6	1.7	212	5.0	1.8	1.2	8	152	4.6		1.0
					12	104 77	2.1	2.1	68 50	2.8	2.4	6 7	52 38	10.4	4.3 5.0	2.1	147 108	6.0 7.0	2.1	1.5	9	120 97	5.2		1.2
	NFL	25°	5000	5700	4	356	1.8	1.8	231	2.4	2.0	2	178	3.5	4.2	1.8	504	2.0	1.9	1.3	4	231	2.3	1.2	1.0
		$\land$			6	158	2.7	2.7	103	3.6	3.1	3	79	5.2	6.2	2.7	224	3.0	2.8	1.9	5	148	2.9		1.5
		/\			10	89 57	3.5	3.5	58 37	4.8 6.0	4.1 5.1	4 5	45 29	6.9 8.7	8.3	3.5	126 81	4.0 5.0	3.7 4.7	2.5	6 7	103 76	3.5		2.0
					12	40	5.3	5.3	26	7.2	6.1	6	20		12.5	5.3	56	6.0	5.6	3.8	8	58	4.6		3.1
	FL	35°	5000	2850	3	317	1.9	1.9	206	2.6	2.2	2	89	3.5	7.2	2.5	252	2.0	2.8	1.8	3	206	1.7	1.7	1.5
		$\wedge$			4	178	2.5	2.5	116	3.5	2.9	3	40		10.8	3.8	112	3.0	4.2	2.7	4	116	2.3		2.2
		/ \			8	79 45	3.8 5.0	3.8 5.0	51 29	5.2 7.0	4.4 5.8	4 5	22 14	6.9 8.7	14.4 18.0	5.0 6.3	63 40	4.0 5.0	5.6 7.0	3.6 4.5	5 6	74 51	2.9	3.5	2.9
					10	29	6.3	6.3	19	8.7	7.3	6	10		21.6	7.6	28	6.0	8.4	5.4	7	38	4.0		4.4

<sup>\*\*</sup> Due to steep aiming angle, length of beam extends beyond 25'. Each angle listed is measured from 0° vertical.



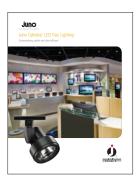
# Additional recessed lighting solutions literature can be downloaded from www.junolightinggroup.com



Juno® Trac Lighting



Juno® Arc™ LED Trac Fixture



Juno® Cylindra™ LED Trac Lighting















#### **Juno Lighting Group**

1300 South Wolf Road Des Plaines, IL 60018 Ph: 847.827.9880 www.junolightinggroup.com

#### **Regional Offices & Warehouses**

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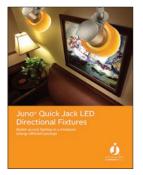
Juno® LED Wall Wash / Flood Fixtures



Juno® LED Decorative Pendants



Juno® LED Mini-Pendants



Juno<sup>®</sup> Quick Jack LED Directional Fixtures



Juno® Trac 12<sup>™</sup> Miniaturized Low Voltage Fixtures



Juno® Cylindra™ Low Voltage LED Trac Lighting



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