



HD Commercial Trac Lighting System

High performance 2-Circuit/2-Neutral architectural-grade track system

juno®



Juno® HD Commercial Trac 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 Trac 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 Trac 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 Trac Advantages:

- 120V and 277V systems available
- Architectural grade, heavy duty construction
- Suitable for mounting in grid patterns
- Oversized conductors
- Polarized connectors and adapters
- May be cut-to-length during installation
- Broad selection of compatible fixtures
- Integral on/off switch simplifies maintenance
- Circuits may be switched without disconnecting fixture
- Current limiters available for energy code compliance
- Extensive variety of mounting methods

Compatible Juno® Trac Fixtures



A variety of Juno Trac fixture designs can be adapted to operate with the Juno HD Commercial Trac System. Each fixture has a factory-assembled 2-circuit track adapter that is uniquely keyed to either the TEK (120V) or HTEK (277V) HD Commercial Trac System.

TEK-Compatible Fixtures (120V)



HTEK-Compatible Fixtures (277V)



Juno® Current Limiting Feeds

Juno HD Commercial Trac Current Limiting End Feeds are the perfect solution for bringing line voltage trac lighting installations into conformance with today's stringent energy codes. They enable you to take full advantage of energy-efficient, high-performance track fixtures without being penalized by watts-per-linear-foot code requirements, reducing calculated watts by as much as 75% or more.

Current Limiting End Feeds are designed to take the place of standard end feeds and are installed at every track feed location. The feeds are compact and mount close to the ceiling for an unobtrusive appearance. Feeds are supplied with tamper-resistant cover screws and screwdriver bits for installation convenience and security. Versions are available for both TEK and HTEK systems and with either left polarity or right polarity configurations.



TEK11CL (BL, WH), Left Pol. 120V
TEK12CL (BL, WH), Right Pol. 120V
HTEK11CL (BL, WH), Left Pol. 277V
HTEK12CL (BL, WH), Left Pol. 277V



Current Limiting Circuit Breakers

Current Limiting Circuit Breakers (ordered separately) are available in increments from 0.25A up to 15A to accommodate planned wattage use. TEK Series (120V) Current Limiting End Feeds require two TCLB Series Current Limiting Circuit Breakers, one for each circuit being limited. HTEK Series (277V) Current Limiting End Feeds require two HTCLB Series Current Limiting Circuit Breakers, one for each circuit being limited. Breakers are easily resettable in the event of an overload situation.

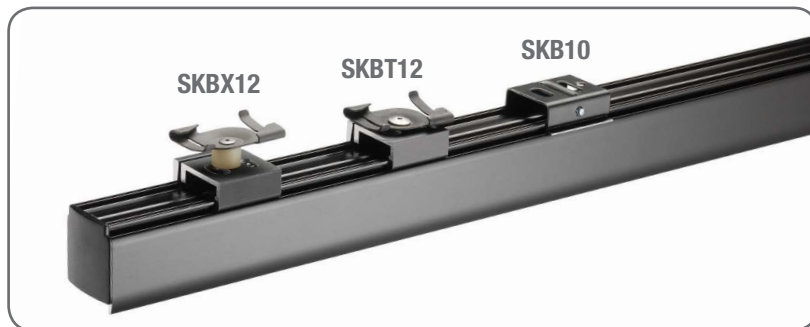
Visit our website or consult factory for fixture availability.

Juno® TEK Series 120V 2-Circuit/2-Neutral Trac Lighting System

The TEK Series 120-Volt 2-Circuit/2-Neutral Trac System offers the widest variety of compatible fixtures and light sources including line voltage halogen, low voltage halogen, fluorescent, ceramic metal halide (CMH) and light emitting diode (LED). This robust system is available in white or black finishes and, due to its broad selection of connectors and feeds, may be installed in practically any layout including linear, grid and irregular patterns. Track sections may be cut in the field and a conductor bending tool is available to ensure consistent, precise conductor termination. A variety of mounting accessories are also available to simplify installation; mountings should be spaced no further than 4' apart and within 6" of any track feed point, junction or end point.

Other highlights of the TEK Series 120-Volt 2-Circuit/2-Neutral Trac System include:

- Independent neutrals
- Integral grounding channel
- Full 40A (4800W) power handling capacity
- Current limiting feeds offered to help meet energy codes
- UL and C-UL approved



Track Mounting Clips

SKB10 is designed for mounting to hard (GWB) ceilings. (BL, WH)

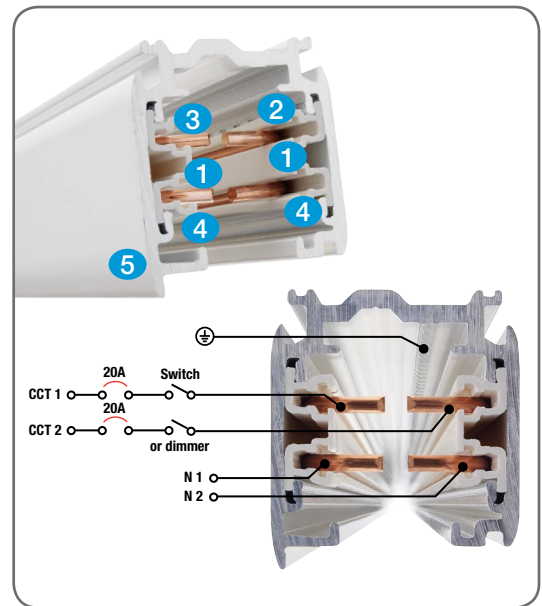
SKBT12 is designed for mounting to 15/16" flush tile T-bar ceilings. (BL, WH)

SKBX12 is designed for mounting to 15/16" drop tile T-bar ceilings. (BL, WH)



Finishes

Available in: White (WH) or Black (BL) finishes



1 Independent Neutrals

enable greater power capacity (2 x 20A); consistent dimming performance from two independent circuits without harmonics or interference on the neutral conductor.

2 Oversized Conductors

for greater operating safety and reduced overload potential.

3 Secure Bus Bar Insulation

firmly crimped insulation secures both conductors and insulation for the life of the product.

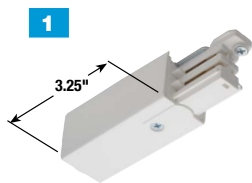
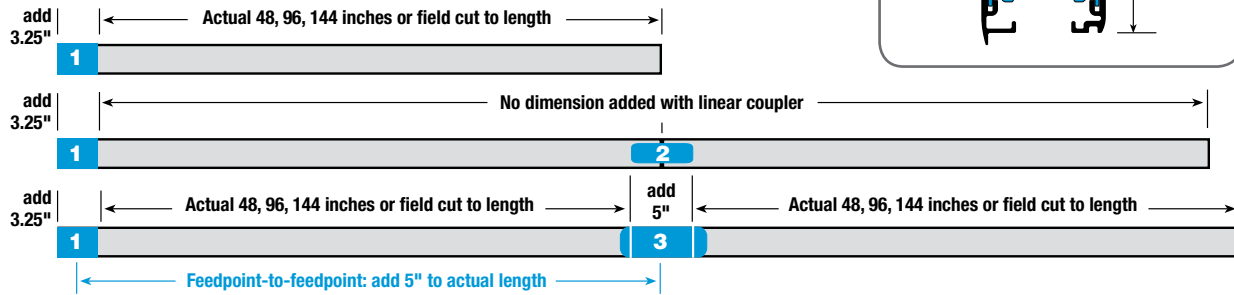
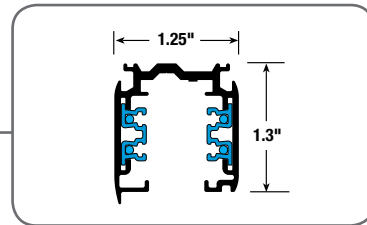
4 Separate Mechanical Suspension Points

provides superior weight bearing capacity; ensures electrical contact integrity and reduces likelihood of arcing.

5 Polarity Ridge

takes the guesswork out of connector and trac alignment during installation.

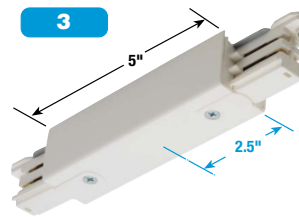
Track Configurations, Components, Dimensions & Ordering Information



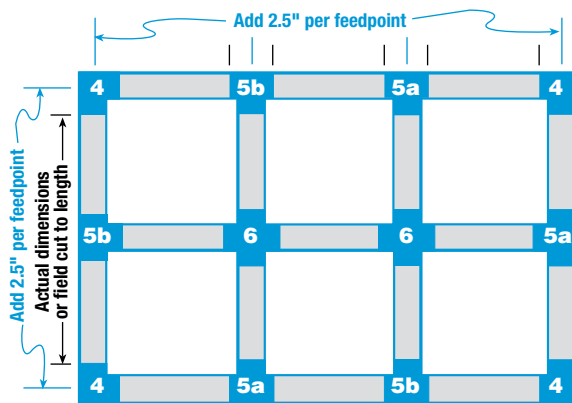
End Feed
Enables feeding of TEK Trac from top. Use as Conduit End Feed also. TEK11 (BL, WH) Left Polarity. TEK12 (BL, WH) Right Polarity.



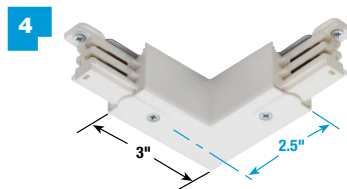
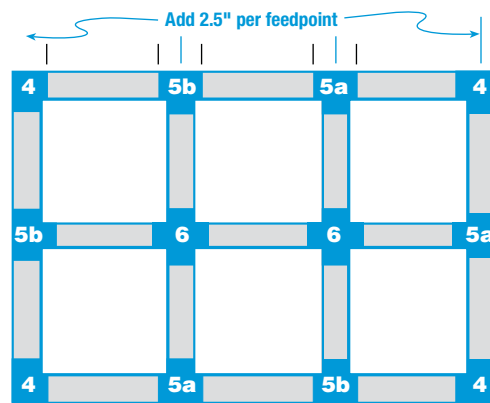
Miniature Straight Connector
Joins two track sections in-line both electrically and mechanically. TEK21 (BL, WH)



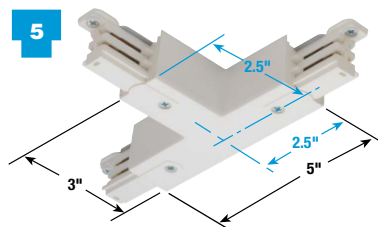
Center Feed
Joins two track sections in-line both electrically and mechanically. Enables feeding of TEK Trac from top at intersection. TEK14 (BL, WH)



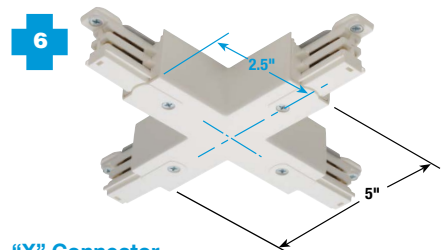
Juno HD Commercial Trac is polarized and is manufactured with identifying ridge (green line on diagrams). Refer to these diagrams to ensure proper connector selection.



"L" Connector
Joins TEK Trac sections to make a 90° angle with continued electrical feed. May be used to feed TEK Trac from top. TEK34 (BL, WH)



"T" Connector
Joins three TEK Trac sections to make a "T" intersection with continued electrical feed. May be used to feed TEK Trac from top. 5a – TEK39 (BL, WH) Adjustable right polarity. 5b – TEK40 (BL, WH) Adjustable left polarity.



"X" Connector
Joins four TEK Trac sections to make an "X" intersection with continued electrical feed. May be used to feed TEK Trac from top. TEK38 (BL, WH)

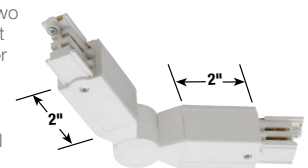
Track Ordering Information Example: TEK4 4FT BL

Series	Length	Finish Color
TEK4	4FT 4-feet	BL Black
	8FT 8-feet	WH White
	12FT 12-feet	

Note: Track may be factory-bent at a minimum 15 ft. radius – consult factory regarding pre-bent track sections if desired.

Adjustable Connector

Capable of joining two TEK Trac sections at 90° to 180°. Ideal for applications where using an "L" connector is not practical; also useful for installing track around irregular architectural details. TEK24 (BL, WH)

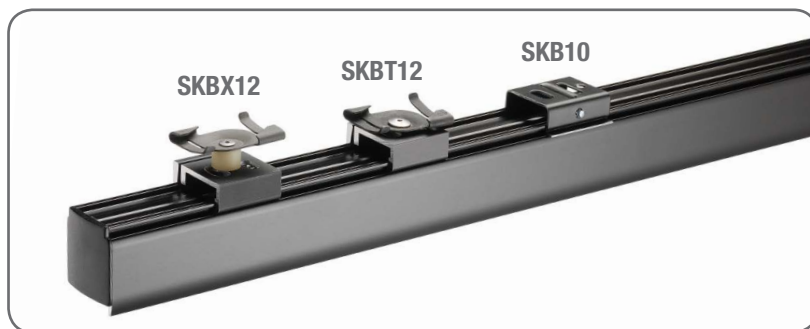


Juno® HTEK Series 277V 2-Circuit/2-Neutral Trac Lighting System

The HTEK Series 277-Volt 2-Circuit/2-Neutral Trac System is best suited for non-halogen sources and offers a wide variety of compatible fixtures and light sources including fluorescent, ceramic metal halide (CMH) and light emitting diode (LED). This robust system is available in white or black finishes and, due to its broad selection of connectors and feeds, may be installed in practically any layout including linear, grid and irregular patterns. Track sections may be cut in the field and a conductor bending tool is available to ensure consistent, precise conductor termination. A variety of mounting accessories are also available to simplify installation; mountings should be spaced no further than 4' apart and within 6" of any track feed point, junction or end point.

Other highlights of the HTEK Series 277-Volt 2-Circuit/2-Neutral Trac System include:

- Independent neutrals
- Integral grounding channel
- Full 40A (11,080W) power handling capacity
- Current limiting feeds offered to help meet energy codes
- UL and C-UL approved



Track Mounting Clips

SKB10 is designed for mounting to hard (GWB) ceilings. (BL, WH)

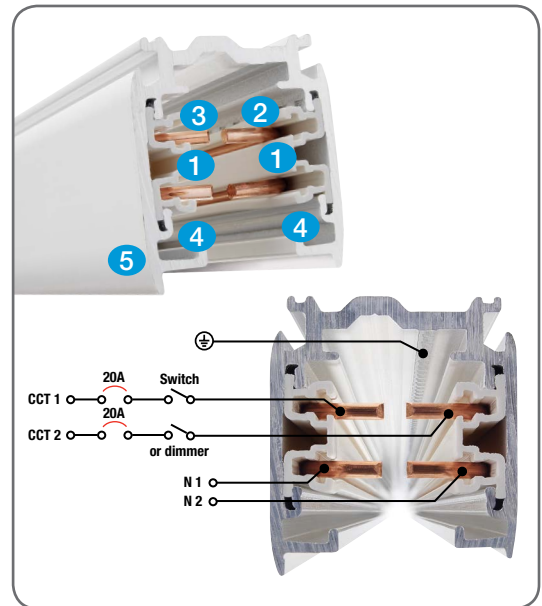
SKBT12 is designed for mounting to 15/16" flush tile T-bar ceilings. (BL, WH)

SKBX12 is designed for mounting to 15/16" drop tile T-bar ceilings. (BL, WH)



Finishes

Available in: White (WH) or Black (BL) finishes



1 Independent Neutrals

enable greater power capacity (2 x 20A); consistent dimming performance from two independent circuits without harmonics or interference on the neutral conductor.

2 Oversized Conductors

for greater operating safety and reduced overload potential.

3 Secure Bus Bar Insulation

firmly crimped insulation secures both conductors and insulation for the life of the product.

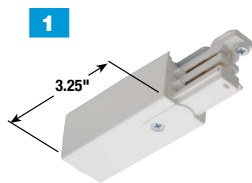
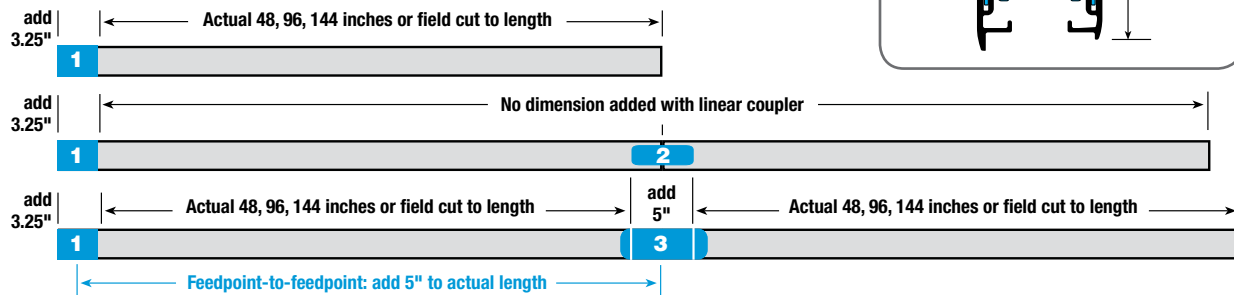
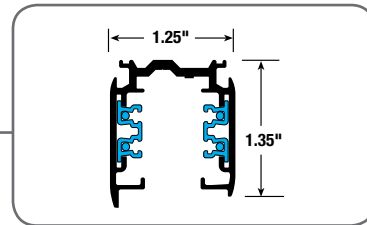
4 Separate Mechanical Suspension Points

provides superior weight bearing capacity; ensures electrical contact integrity and reduces likelihood of arcing.

5 Polarity Ridge

takes the guesswork out of connector and trac alignment during installation.

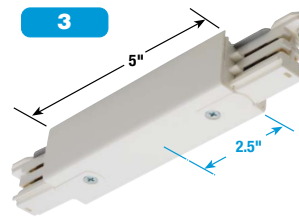
Track Configurations, Components, Dimensions & Ordering Information



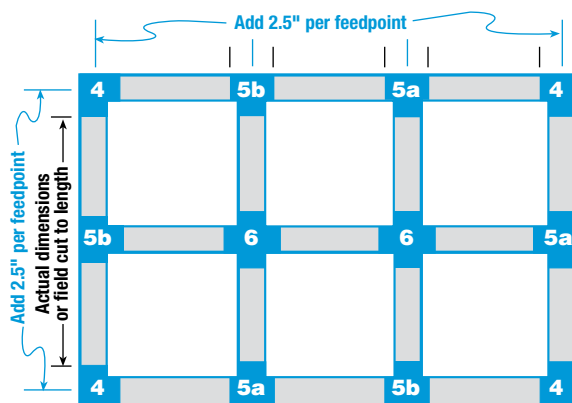
End Feed
Enables feeding of HTEK Trac from top. Use as Conduit End Feed also. HTEK11 (BL, WH) Left Polarity. HTEK12 (BL, WH) Right Polarity.



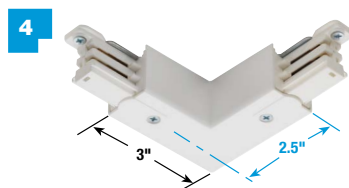
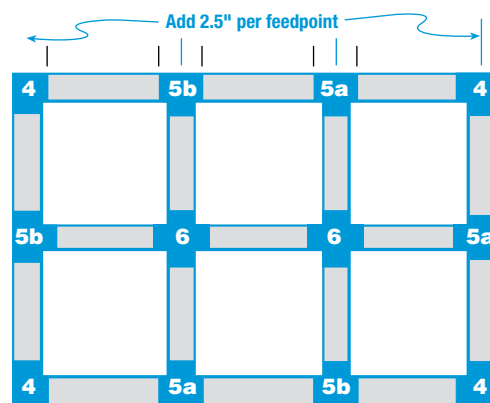
Miniature Straight Connector
Joins two track sections in-line both electrically and mechanically. HTEK21 (BL, WH)



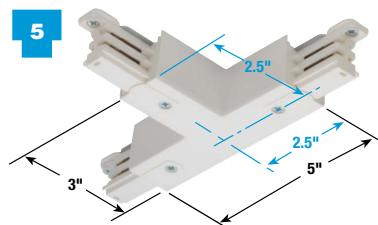
Center Feed
Joins two track sections in-line both electrically and mechanically. Enables feeding of HTEK Trac from top at intersection. HTEK14 (BL, WH)



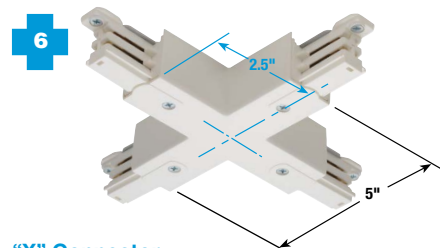
Juno HD Commercial Trac is polarized and is manufactured with identifying ridge (green line on diagrams). Refer to these diagrams to ensure proper connector selection.



"L" Connector
Joins HTEK Trac sections to make a 90° angle with continued electrical feed. May be used to feed HTEK Trac from top. HTEK34 (BL, WH)



"T" Connector
Joins three HTEK Trac sections to make a "T" intersection with continued electrical feed. May be used to feed HTEK Trac from top. 5a – HTEK39 (BL, WH) Adjustable right polarity. 5b – HTEK40 (BL, WH) Adjustable left polarity.



"X" Connector
Joins four HTEK Trac sections to make an "X" intersection with continued electrical feed. May be used to feed HTEK Trac from top. HTEK38 (BL, WH)

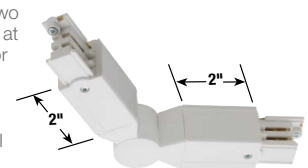
Track Ordering Information Example: HTEK4 4FT BL

Series	Length	Finish Color
HTEK4	4FT 4-feet	BL Black
	8FT 8-feet	WH White
	12FT 12-feet	

Note: Track may be factory-bent at a minimum 15 ft. radius – consult factory regarding pre-bent track sections if desired.

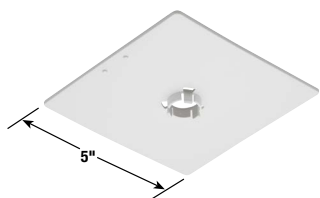
Adjustable Connector

Capable of joining two HTEK Trac sections at 90° to 180°. Ideal for applications where using an "L" connector is not practical; also useful for installing track around irregular architectural details. HTEK24 (BL, WH)



Juno® HD Commercial Trac Lighting System

Track Accessories



Outlet Box Cover

Thermoplastic outlet box cover for use when feeding TEK or HTEK Trac directly over outlet box using feeds or feedable connectors.

GES15 (BL, WH)



Trac Conductor Bending Tool

All-in-one hand tool bends conductors to manufacturer specifications when track sections are cut in the field.

XTSV12



Dead Ends

Compatible with both TEK (120V) and HTEK (277V) Trac. Covers end of track section to insulate live conductors and to provide a professionally finished aesthetic.

TEK41 (BL, WH)

Mountings

Stem Mounting



Stem Kits

Includes stem & canopy. Available in 12", 18", 24" and 48" lengths.

SPUS12 (BL, WH)

SPUS18 (BL, WH)

SPUS24 (BL, WH)

SPUS48 (BL, WH)



Universal Suspension Coupler

Combine with Stem Kit to provide means for mechanical support of track. Also compatible with Cable Mounting Kit or 1/4"-20 threaded rod (by others) suspension. Includes universal mounting bracket & cover. (Stem not included)

SP4P (BL, WH)

Cable Mounting



Ceiling Cup

Compatible with cable or threaded rod suspension of trac. Includes cup & ceiling bracket. Order Cable Mounting Kit or 1/4"-20 threaded rod (by others) & Universal Suspension Coupler separately.

SKB30 (BL, WH)

Cable Suspension Kit

Provides mechanical support of track. Available in standard 5' and 9' cable length versions. Includes cable & ceiling bracket. Order Ceiling Cup & Universal Suspension Coupler separately.

SKB34 5FT

SKB34 9FT



SP4P (BL, WH)

1/4"-20 Threaded Rod Mounting



Ceiling Cup

Compatible with cable or threaded rod suspension of trac. Includes cup & ceiling bracket. Order Cable Mounting Kit or 1/4"-20 threaded rod (by others) & Universal Suspension Coupler separately.

SKB30 (BL, WH)

1/4"-20 Threaded Rod (by others)



SP4P (BL, WH)



©2017 Acuity Brands Lighting, Inc. The marks appearing in this catalog are trademarks of Acuity Brands Lighting, Inc. Products shown in this brochure may be covered by U.S. and international patents and patents pending. Specifications subject to change without notice. Printed in the U.S.A.