



JUNO HD COMMERCIAL TRAC

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

1 20V, 2-Circuit/2-Neutral Trac System

TRAC SECTIONS, JOINERS, FEEDS, ACCESSORIES & FIXTURES

TEK Series

PRODUCT DESCRIPTION

Juno HD Commercial 2-Circuit/2-Neutral Trac 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 Trac's extruded aluminum construction and continuously crimped conductors ensure mechanical strength and electrical reliability. Its integral suspension rail and predrilled mounting holes simplify installation. A wide variety of Juno trac fixtures may be specified for use with the HD Commercial Trac system.



PRODUCT SPECIFICATIONS

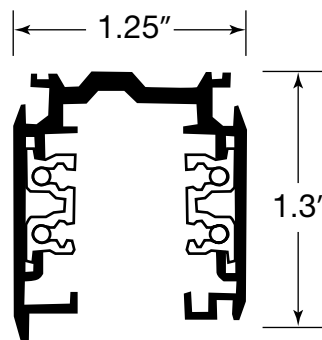
Construction Rugged, heavy gauge extruded aluminum channel • Firmly crimped insulation and conductors for superior mechanical strength and electrical reliability • Integral mounting channel simplifies installation • Integral polarity ridge ensures proper connector and fixture installation • Fixtures supported by aluminum trac extrusion to provide maximum weight bearing capacity and to ensure reliable contact with electrical conductors • Available in white or black painted finishes.

Electrical Two circuit operation with independent neutrals • Each circuit is rated for 20 Amp, 120 Volt operation • Trac extrusion serves as 100% capacity ground • May be powered using a number of standard electrical feeds, or current limiting end feeds if necessitated by local codes.

Fixture Adapter System specific and assembled to trac 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 • See compatible trac fixture selection on page 2 – contact factory for additional fixture choices.

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 trac current limiting.

DIMENSIONS



PRODUCT INSTALLATION

Installation May be installed in linear or grid configurations (see examples on page 2) • Trac sections can be cut in the field • Conductors of field cut trac sections must be bent using XTSV12 Bending Tool to ensure proper electrical connections.

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 trac feed point, junction or end point.

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TRAC SECTIONS

PRODUCT CODES

Catalog Number	Description	Finish	Actual Length
TEK44-BL	4' Trac Section	Black	48"
TEK44-WH	4' Trac Section	White	48"
TEK48-BL	8' Trac Section	Black	96"
TEK48-WH	8' Trac Section	White	96"
TEK412-BL	12' Trac Section	Black	144"
TEK412-WH	12' Trac Section	White	144"

HD Commercial Trac Compatible 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 trac adapter that is uniquely keyed to the 120V HD Commercial Trac system. **To order, simply replace the "T" prefix in the standard fixture catalog number with the "TEK" prefix and eliminate all dashes to indicate fixtures for use with the HD Commercial Trac system – see examples below.**

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

T5T T5HO Wall Washers
T209LED, T209LG2 LED Conix
T218, T219 Delta 200 Series
T254L, T255LED, T255LG2 LED Cylindra
T256LED, T257LED, T258L, T259L LED Flood/Wall Washers
T261LG2, T262L, T263LG2,
T265LG2, T267L LED Conix II Series
T271L LED Arc
T272L LED Arc L
T275L LED Arc XL
T292, T293, T294, T296 Studio II Series
T295 Theatrical Light
T308, T620 Universals
T338, T340, T350 Integral Transformer Low Voltage Spotlights
T362, T363, T368 Open Back Gimbals (Rear Loading)
T366, T367 Quartz Floods
T403, T404 Pro-Gimbals
T431, T433, T435, T437 Wireform Series
T635-9, T635-16 Trapezia Series
T687, T689, T690 Open Back Gimbals (Front Loading)
T691 Mini Swivel
T811, T812, T814, T816, T817, T819 Uno/Duo Series MR16
T831, T832, T834 Uno/Duo Series PAR30
T844, T845, T846 Cylindra Series
T852, T853, T858 Facet Series
T863, T868 Mamba Series
T872, T873, T878 Xanadu Series
T1020, T1030, T1038 Die Cast Gimbals

TBX18, TBX39, TBX40 Biax Wall Washers
TM201 CMH Vertical Ballast Universal
TM202 CMH Vertical Ballast R-111 Swivel
TM203, TM204 CMH Vertical Ballast Pro-Gimbal
TM207, TM208, TM209 CMH Vertical Ballast Conix PAR
TM210, TM211, TM212 CMH Vertical Ballast Conix ED17
TM213, TM214, TM215 CMH Vertical Ballast Conix T6, G12
TM216, TM217, TM218 CMH Vertical Ballast Conix T4, G8.5
TM232 CMH Vertical Ballast Concentric Cylinder T4, G8.5
TM233 CMH Vertical Ballast Concentric Cylinder BT-5, PGJ5
TM241 CMH Vertical Ballast Cylindra MR16
TM244, TM245, TM246 CMH Vertical Ballast Cylindra PAR
TM250 CMH Vertical Ballast Cylindra ED17
TM251 CMH Vertical Ballast Cylindra T6, G12
TM252 CMH Vertical Ballast Cylindra T4, G8.5
TM254 CMH Vertical Ballast Cylindra T4, GU6.5
TM255 CMH Vertical Ballast Cylindra BT-5, PGJ5
TM256 CMH Vertical Ballast Flood/Wall Wash T6, G12
TM257 CMH Vertical Ballast Flood/Wall Wash T4, G8.5
TMBX26 Mini-Biax Wall Washer

Ordering Examples: "T219BL" becomes "TEK219BL" and "TM208-70EMH-WH" becomes "TEKM20870EMHWH"



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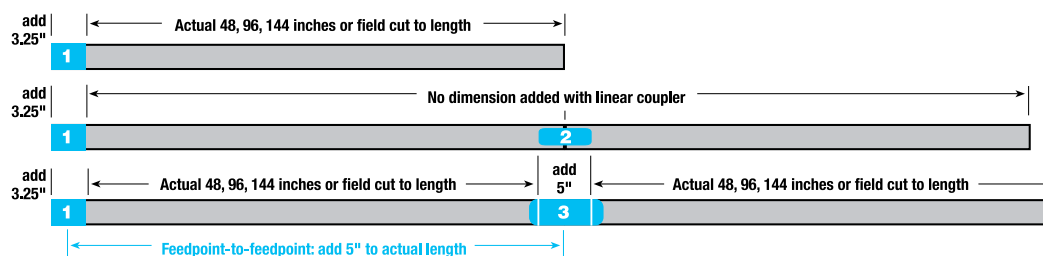
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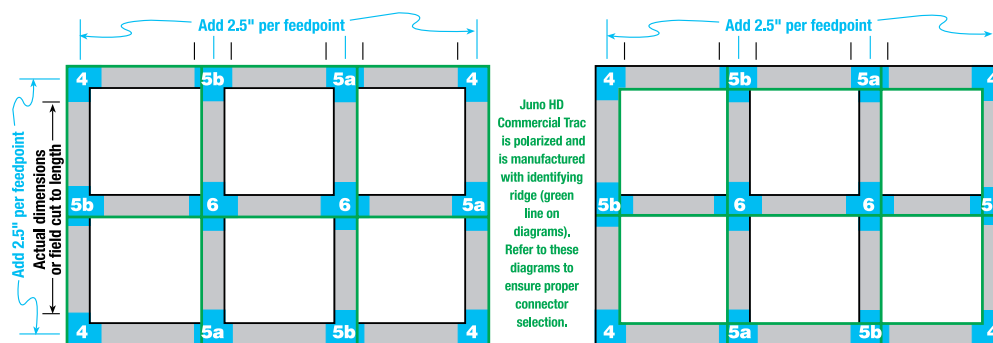
TRAC SECTIONS, JOINERS, FEEDS, ACCESSORIES & FIXTURES

TEK Series

POSSIBLE TRAC 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



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SYSTEM COMPONENTS



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



TEK24-BL, TEK24-WH
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 Trac around curved architectural details.



SKB10-BL, SKB10-WH
Mounting Bracket
For mounting direct to ceiling



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



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



SKBT12-BL, SKBT12-WH
Mounting Bracket
For mounting to flush tile T-bar ceiling.



TEK11CL-BL, TEK11CL-WH
Current Limiting End Feed - Left Polarity
Enables feeding of TEK Trac from top. Requires two TEKCL Current Limiters (one per circuit) to provide trac current limiting per national, state and local energy codes.



TEK38-BL, TEK38-WH
"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.



SKBX12-BL, SKBX12-WH
Mounting Bracket
For mounting to drop tile recessed T-bar ceiling.



TEK12CL-BL, TEK12CL-WH
Current Limiting End Feed - Right Polarity
Enables feeding of TEK Trac from top. Requires two TEKCL Current Limiters (one per circuit) to provide trac current limiting per national, state and local energy codes.



TEK39-BL, TEK39-WH
"T" Connector - Adjustable Right Polarity
Joins three TEK Trac sections to make a "T" intersection with continued electrical feed. May be used to feed TEK Trac from top.



SKB30-BL, SKB30-WH
Ceiling Cup Kit
Use to suspend TEK Trac 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.



TEK10.5BL, TEK10.5WH, TEK11BL, TEK11WH, TEK12BL, TEK12WH, TEK13BL, TEK13WH, TEK14BL, TEK14WH, TEK15BL, TEK15WH, TEK16BL, TEK16WH, TEK17BL, TEK17WH, TEK18BL, TEK18WH, TEK19BL, TEK19WH, TEK10BL, TEK10WH, TEK12BL, TEK12WH, TEK14BL, TEK14WH
Plug-In Current Limiters
For use with TEK11 or TEK12 Current Limiting End Feeds. Available in 0.5A (60W), 1A (120W), 2A (240W), 3A (360W), 4A (480W), 5A (600W), 6A (720W), 7A (840W), 8A (960W), 9A (1080W), 10A (1200W), 12A (1440W) and 14A (1680W) ratings.



TEK40-BL, TEK40-WH
"T" Connector - Adjustable Left Polarity
Joins three TEK Trac sections to make a "T" intersection with continued electrical feed. May be used to feed TEK Trac from top.



SKB34-5, SKB34-9
Cable Suspension Kit
Use to suspend TEK Trac 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.



GES15-BL, GES15-WH
Outlet Box Cover
Thermoplastic outlet box cover for use when feeding TEK Trac directly over outlet box using TEK11, TEK12, TEK14, TEK34, TEK38, TEK39 or TEK40.



SPUS12-BL, SPUS12-WH, SPUS18-BL, SPUS18-WH, SPUS24-BL, SPUS24-WH, SPUS48-BL, SPUS48-WH
Mounting Stem Kit
Use to suspend TEK Trac from the ceiling. Combine with SP4P for suspension-only points. Available in 12", 18", 24" and 48" lengths.



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



TEK41-BL, TEK41-WH
Dead End
Not supplied with TEK Trac sections — must be ordered separately.



SP4P-BL, SP4P-WH
Universal Suspension Coupler
Use with SPUS Stem Kit or SKB34 Cable Kit or 1/4"-20 threaded rod (supplied by others) to suspend TEK Trac except at feed or connection points.



TEK21-BL, TEK21-WH
Miniature Straight Connector
Joins two TEK trac sections in-line both electrically and mechanically.



XTSV12
Trac Conductor Bending Tool
All-in-one hand tool bends the trac conductors and measures the correct length to ensure proper electrical contact. Required only if trac sections are cut in the field.

Finishes: BL - Black, WH - White



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