



K-BEAM™

TWO-CIRCUIT SUSPENDED TRACK SYSTEM



TYPE:

PROJECT:

The patent-pending extruded cross section of K-Beam has been designed to minimize the number of support cables and significantly reduce overall installation cost. K-Beam provides a two-circuit, 120V track channel that accepts Lumenture and other J-Type fixtures.

A stabilizing rod is included in each suspension kit to further increase system stability and alignment. The 14-gauge aluminum channel contains two line (hot) conductors and one common neutral.

Circuit selection is done on each fixture and allows for simple adjustment of lighting effects. Polarity identification is indicated by a grooved line at the bottom of the extrusion. Nominal length track sections can be field-cut for an exact fit.

All K-Beam sections are supplied with two insulated end caps.



Circuits
2-Circuit / Shared
Neutral



Fixture Compatibility
Lumenture & other J-Type



Input Voltage
120V AC



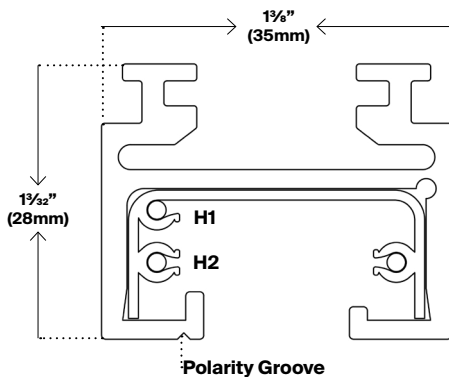
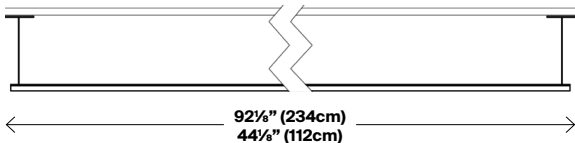
Max Current
40A (20A per circuit)



Colors
White / Black



Lengths
8', 4'
(field-cuttable)



Power Feeds and Connection Accessories

Power feeds and connection accessories are constructed of polycarbonate with galvanized steel back plates. Every electrical component is polarized and has grounding capability to ensure safety. Twelve gauge insulated wire is used for internal connections. Solid copper track contacts provide good electrical conductivity for years of trouble free operation.

Maximum power rating is 2400 Watts per circuit (4800W total): 20A per circuit (40A total capacity) at 120V, 60Hz. NEC allows 80% of full capacity or 1920 Watts per circuit (3840W total). For Current Limiter, Please refer to the Current Limiter Document on our website.

Warranty

This fixture is covered by Lumenture's full one (1) year replacement guarantee after date of purchase.

Listing

cULus listed. K-Beam is approved for mounting with two suspension cables, mounted 12', 8', or 4' apart (8' max spacing recommended for maximum rigidity). Installations are suitable for dry locations only.

ORDERING

Example Order:

KB - **28** - **B**

KB - (Two-Circuit Section Length) - (Finish)

28 - 8' (96") nominal length; 92 1/8" actual length
24 - 4' (48") nominal length; 44 1/8" actual length

B - Black
W - White

JA-211 end caps are supplied with all track sections and may be ordered separately as needed. See other sheets for 120V Track Accessories.

Product Specifications subject to change.



www.lumenture.com

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TYPE: _____

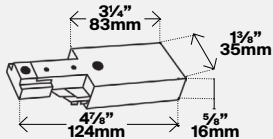
PROJECT: _____

POWER FEEDS & JOINERS + BRIDGE CONNECTORS OR POWER FEED CONNECTORS

Note: Each power feed and joiner must be installed 1:1 with the corresponding K-Beam power feed connector **OR** bridge connector.

Top Access End Feed - JA-210

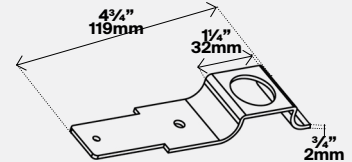
Power Feed. (1) 1/2" top K.O. for standard electrical conduit. Finish: B, W



Top Access Bridge Connector

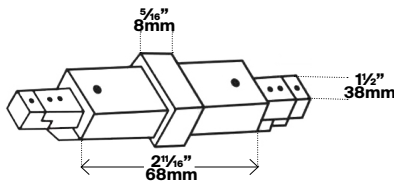
N/A

Top Access End Power Feed Connector - KBC-210

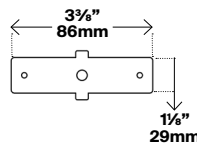


Straight Joiner - JA-202

Conductive end to end connector. Finish: B, W



Straight Bridge Connector - KBB-202

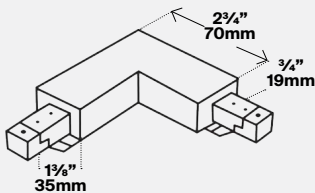


Straight Power Feed Connector

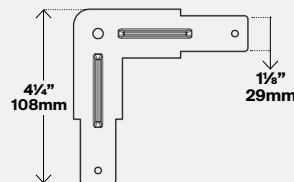
N/A

90 Degree Joiner - JA-212

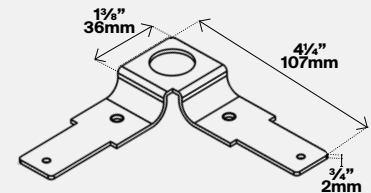
Use as standard or reverse polarity "L", may be used as power feed. Finish: B, W



90 Degree Bridge Connector - KBB-212

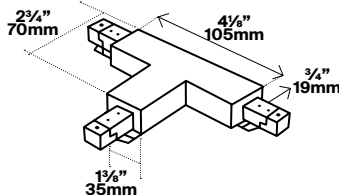


90 Degree Power Feed Connector - KBC-212

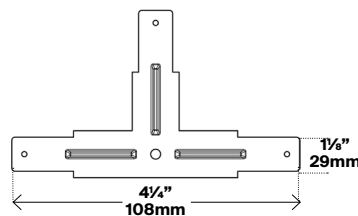


T Joiner

JA-213 - May be used as feed point. Finish: B, W
JA-214 - Reverse polarity "T" Connector. May be used as feed point. Finish: B, W



T Bridge Connector - KBB-213

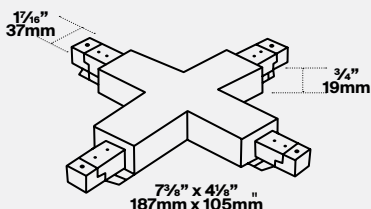


T Power Feed Connector

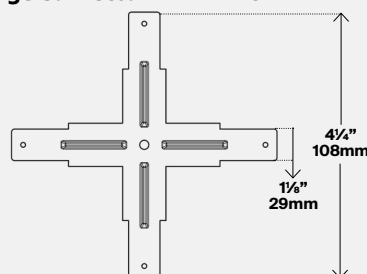
N/A

X Joiner - JA-215

May be used as feed point. Wired as two separate "L" sections. Finish: B, W



X Bridge Connector - KBB-215



X Power Feed Connector

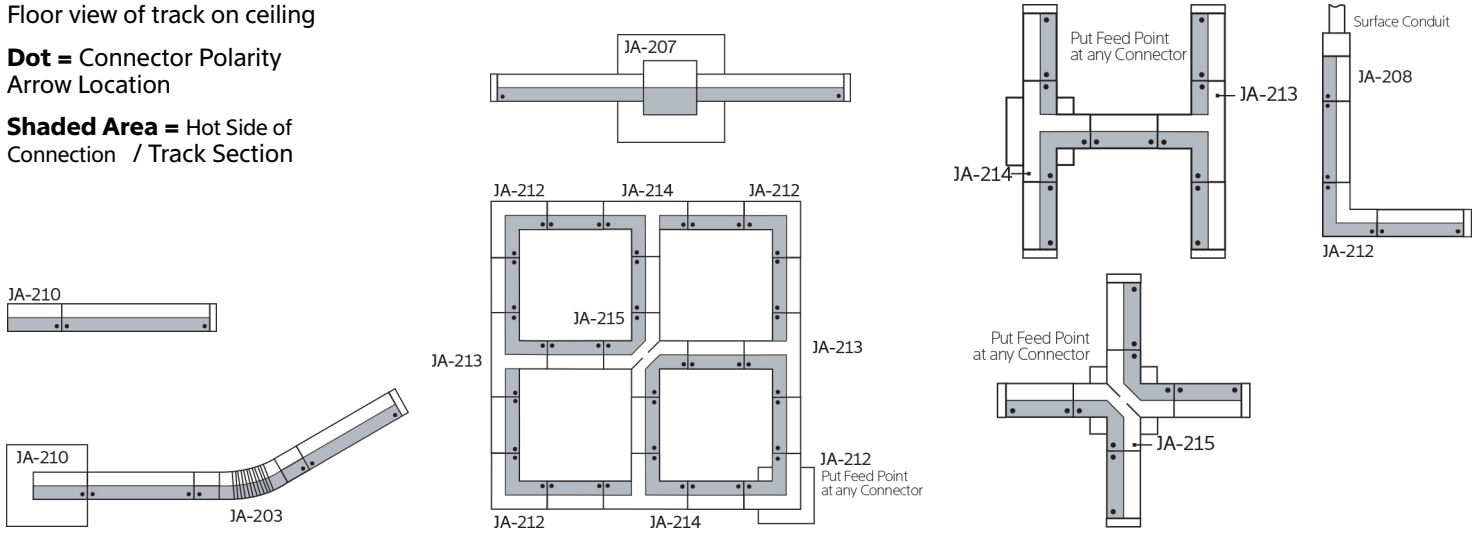
N/A

SAMPLE LAYOUTS WITH POLARITY

Floor view of track on ceiling

Dot = Connector Polarity
Arrow Location

Shaded Area = Hot Side of Connection / Track Section

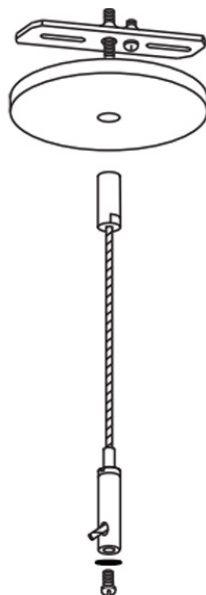


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ACCESSORIES

Aircraft Cable Set

Includes cable coupler (threaded for 1/4-20 stud), stabilizing rod, cable holder with screw and washer, cable, 1/4-20 hanger bolt, junction box cross bar and 5" ceiling plate canopy. Finish: B, W

KBC-10AC - 10' Aircraft Cable Set with Canopy



Power Feed/Support Assembly

Includes cable coupler (threaded for 1/4-20 stud), stabilizing rod, cable holder with screw and washer, SJT power cord, 1/4-20 hanger bolt, junction box cross bar, tie wraps, strain relief grip and 5" ceiling plate canopy. Finish: B, W

KBC-10PF - 12/4 SJT, 10' Cord and Support Assembly with Canopy

