

TRACK22 Field-Adjustable Track Lighting



TK22S



PROJECT:

DATE:

TYPE:

PREPARED BY:

TK22M



TK22L



KEY FEATURES

- 3 housing sizes in 2 colors, available with selectable wattage:
TK22S: 8/6/4W
TK22M: 20/15/10W
TK22L: 30/25/20W
- Adjustable CCT: 2700/3000/3500/4000/5000K (Default: 4000K)
- Adjustable optics: 15°, 24°, 30°, 40°, 55°
- 90+ CRI
- Voltage rating 120V, TRIAC dimming
- Standard track mount. Ceiling mount kits sold separately.
- Barn doors, honeycombs, wall washer, snoot accessories available
- 5-year, limited warranty

Field-adjustable track lighting with adjustable optics and 90+CRI



PERFORMANCE

TK22S	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	15°					15°					15°				
Wattage	8W					6W					4W				
Input Watts	8.5W	8.5W	8.2W	8.1W	8.5W	6.1W	6.1W	5.9W	5.9W	6.1W	4.2W	4.2W	4.1W	4.1W	4.2W
Lumens	710	708	778	803	771	535	549	594	611	606	391	403	425	436	427
Efficacy	84.8	86.4	97.5	101.3	91.7	90.4	93.5	103.3	106.6	100.2	96.4	99.8	107.1	110.0	104.7
CRI	96	95	95	96	97	95	95	95	95	97	95	95	95	95	96
Voltage	120V					120V					120V				

TK22S	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	20°					20°					20°				
Wattage	8W					6W					4W				
Input Watts	8.5W	8.5W	8.2W	8.1W	8.5W	6.1W	6.1W	5.9W	5.9W	6.1W	4.2W	4.2W	4.1W	4.1W	4.2W
Lumens	729	735	806	833	789	557	569	615	633	623	407	417	442	451	442
Efficacy	87.4	89.7	101.1	104.9	94.2	94.0	96.9	106.9	110.4	103.5	100.2	103.3	111.2	113.9	108.5
CRI	96	95	95	96	97	95	95	95	96	97	95	95	95	95	96
Voltage	120V					120V					120V				

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PERFORMANCE

TK22S	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	30°					30°					30°				
Wattage	8W					6W					4W				
Input Watts	8.5W	8.5W	8.2W	8.1W	8.5W	6.1W	6.1W	5.9W	5.9W	6.1W	4.2W	4.2W	4.1W	4.1W	4.2W
Lumens	721	732	802	838	786	555	570	617	633	623	405	416	441	452	443
Efficacy	86.6	89.3	100.7	105.2	94.0	93.7	97.0	107.2	110.5	103.6	99.9	103.1	111.1	114.0	108.8
CRI	96	95	95	96	97	95	95	95	96	97	95	95	95	95	96
Voltage	120V					120V					120V				

TK22S	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	40°					40°					40°				
Wattage	8W					6W					4W				
Input Watts	8.5W	8.5W	8.2W	8.1W	8.5W	6.1W	6.1W	5.9W	5.9W	6.1W	4.2W	4.2W	4.1W	4.1W	4.2W
Lumens	712	735	803	847	786	557	573	618	635	622	407	417	443	453	445
Efficacy	86.0	89.6	100.9	106.0	94.2	94.0	97.4	107.3	110.9	103.6	100.2	103.2	111.4	114.3	109.2
CRI	96	95	95	96	97	95	95	95	96	97	95	95	95	95	96
Voltage	120V					120V					120V				

TK22S	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	55°					55°					55°				
Wattage	8W					6W					4W				
Input Watts	7.9W	8.5W	7.8W	8.1W	7.9W	6.1W	6.1W	5.9W	5.9W	6.1W	4.2W	4.2W	4.1W	4.1W	4.2W
Lumens	696	741	807	864	791	561	578	623	639	624	409	419	445	455	447
Efficacy	87.6	90.4	101.4	107.5	94.8	94.7	98.2	108.2	111.6	104.2	100.8	103.9	112.1	115.0	109.8
CRI	92	95	97	96	92	95	95	95	96	97	95	95	95	95	97
Voltage	120V					120V					120V				

TK22M	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	15°					15°					15°				
Wattage	20W					15W					10W				
Input Watts	20.6W	20.1W	20.3W	19.2W	20.5W	15.3W	15.0W	15.0W	14.4W	15.2W	9.7W	9.6W	9.6W	9.3W	9.7W
Lumens	1672	1737	1920	1949	1861	1344	1397	1549	1572	1528	948	975	1017	1035	1016
Efficacy	81.9	87.1	93.2	100.6	90.3	89.2	94.3	99.9	106.7	98.5	97.3	101.4	105.4	110.6	104.8
CRI	92	93	94	95	95	92	93	94	94	94	92	92	93	94	93
Voltage	120V					120V					120V				

TK22M	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	20°					20°					20°				
Wattage	20W					15W					10W				
Input Watts	20.6W	20.1W	20.3W	19.2W	20.5W	15.3W	15.0W	15.0W	14.4W	15.2W	9.7W	9.6W	9.6W	9.3W	9.7W
Lumens	1663	1741	1867	1914	1834	1386	1443	1526	1562	1522	977	1010	1058	1131	1119
Efficacy	83.6	89.1	94.3	102.1	91.8	92.0	97.2	101.9	108.9	100.6	100.0	104.5	108.8	115.6	110.2
CRI	92	93	94	95	95	92	93	94	95	94	92	99	93	94	93
Voltage	120V					120V					120V				

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PERFORMANCE

TK22M	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	30°					30°					30°				
Wattage	20W					15W					10W				
Input Watts	20.6W	20.1W	20.3W	19.2W	20.5W	15.3W	15.0W	15.0W	14.4W	15.2W	9.7W	9.6W	9.6W	9.3W	9.7W
Lumens	1681	1766	1892	1939	1856	1399	1455	1539	1577	1537	1016	1050	1099	1127	1123
Efficacy	84.4	90.2	95.3	103.2	92.6	92.8	98.0	102.7	109.8	101.6	101.9	106.3	110.5	116.3	111.1
CRI	92	93	94	95	95	92	93	94	94	94	92	92	93	94	93
Voltage	120V					120V					120V				

TK22M	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	40°					40°					40°				
Wattage	20W					15W					10W				
Input Watts	20.6W	20.1W	20.3W	19.2W	20.5W	15.3W	15.0W	15.0W	14.4W	15.2W	9.7W	9.6W	9.6W	9.3W	9.7W
Lumens	1709	1784	1903	1950	1863	1408	1466	1551	1588	1549	1017	1047	1091	1115	1105
Efficacy	85.0	90.5	95.5	103.5	92.8	93.2	98.4	103.1	110.2	101.8	102.2	106.5	110.6	116.4	111.0
CRI	92	93	94	95	95	92	93	94	95	94	92	92	93	94	93
Voltage	120V					120V					120V				

TK22M	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	55°					55°					55°				
Wattage	20W					15W					10W				
Input Watts	20.0W	20.1W	20.3W	19.2W	20.5W	15.3W	15.0W	15.0W	14.4W	15.2W	9.7W	9.6W	9.6W	9.3W	9.7W
Lumens	1801	1862	2000	2054	1981	1473	1523	1607	1644	1600	1037	1070	1120	1147	1137
Efficacy	90.2	93.8	99.1	107.4	96.7	96.6	101.6	106.4	113.8	105.1	105.1	109.6	114.0	119.9	114.4
CRI	92	93	94	95	94	92	93	94	94	94	92	92	93	94	93
Voltage	120V					120V					120V				

TK22L	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	15°					15°					15°				
Wattage	30W					25W					20W				
Input Watts	31.2W	30.7W	32.2W	30.2W	32.3W	25.5W	25.2W	26.2W	24.8W	26.4W	20.0W	19.7W	20.3W	19.5W	20.5W
Lumens	2738	2873	2926	2937	2728	2228	2370	2440	2468	2363	1840	1944	1994	2024	1970
Efficacy	87.9	95.9	92.6	99.9	86.8	91.1	99.2	97.1	103.7	92.8	96.7	104.2	102.6	108.6	100.1
CRI	94	95	95	96	97	94	95	95	96	97	94	95	95	96	98
Voltage	120V					120V					120V				

TK22L	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	20°					20°					20°				
Wattage	30W					25W					20W				
Input Watts	31.2W	30.7W	32.2W	30.2W	32.3W	25.5W	25.2W	26.2W	24.8W	26.4W	20.0W	19.7W	20.3W	19.5W	20.5W
Lumens	2617	2825	2944	3008	2911	2256	2391	2454	2490	2383	1861	1967	2014	2040	1982
Efficacy	86.7	95.7	93.2	101.1	89.5	91.8	99.9	97.6	104.6	93.8	97.3	105.0	103.4	109.4	100.6
CRI	94	95	95	96	97	94	95	96	96	97	94	95	95	96	96
Voltage	120V					120V					120V				

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PERFORMANCE

TK22L	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	30°					30°					30°				
Wattage	30W					25W					20W				
Input Watts	31.2W	30.7W	32.2W	30.2W	32.3W	25.5W	25.2W	26.2W	24.8W	26.4W	20.0W	19.7W	20.3W	19.5W	20.5W
Lumens	2701	2868	2943	2925	2757	2306	2447	2509	2530	2400	1902	2009	2059	2087	2021
Efficacy	90.0	98.5	95.4	102.8	89.0	94.8	103.0	100.6	107.2	95.3	100.4	108.0	106.4	112.4	102.9
CRI	95	95	95	96	97	94	95	96	96	97	94	95	95	96	96
Voltage	120V					120V					120V				

TK22L	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	40°					40°					40°				
Wattage	30W					25W					20W				
Input Watts	31.2W	30.7W	32.2W	30.2W	32.3W	25.5W	25.2W	26.2W	24.8W	26.4W	20.0W	19.7W	20.3W	19.5W	20.5W
Lumens	2708	2893	2985	3013	2823	2393	2525	2586	2608	2472	1973	2037	2116	2134	2055
Efficacy	91.4	100.2	97.2	104.6	90.6	97.5	105.6	102.9	109.7	97.4	103.3	110.8	108.8	114.6	104.6
CRI	94	95	95	96	97	94	95	96	96	97	94	95	95	96	96
Voltage	120V					120V					120V				

TK22L	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Optic Angle	55°					55°					55°				
Wattage	30W					25W					20W				
Input Watts	31.2W	30.7W	32.2W	30.2W	32.3W	25.5W	25.2W	26.2W	24.8W	26.4W	20.0W	19.7W	20.3W	19.5W	20.5W
Lumens	2922	2930	3124	3034	3004	2394	2534	2595	2612	2469	1975	2084	2134	2163	2089
Efficacy	99.1	101.8	108.6	106.4	102.0	98.5	106.9	104.2	111.0	98.3	104.3	112.2	110.3	116.5	106.5
CRI	96	95	95	96	97	94	95	96	97	95	94	95	95	96	96
Voltage	120V					120V					120V				

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

Suitable for dry locations.

IESNA LM-79 & LM-80 Testing

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

IP Rated

Ingress protection rating of IP20 for protection against solid foreign objects of 12.5 mm Ø and greater

IK Rated

IK06 Protected against 1 joules of impact. Equivalent to the impact of a 0.55 lbs. (.25kg) mass dropped from 15.8" (400mm) above the impacted surface.

DLC Listed

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC ID:

TK22S: S-C6M0X2

TK22M: S-NB6T5M

TK22L: S-3SW5F0

CONSTRUCTION

Cold Weather Starting

The minimum starting temperature is -4°F (-20°C)

Maximum Ambient Temperature

Suitable for use in up to 104°F (40°C)

Mounting

Track mount. Compatible with RAB Track System and accessories.

Housing

Aluminum

Lens

Polymethyl methacrylate (PMMA)

Finish

Formulated for high durability and long-lasting color

Green Technology

Mercury and UV free. RoHs-compliant components.

TRACK22 Field-Adjustable Track Lighting



TECHNICAL SPECIFICATIONS

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, COB (Chip on Board) LEDs

Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

ELECTRICAL

Drivers:

Constant Current, TRIAC Class 1, 120V AC, 60 Hz

TK22S: 120V: 0.09A

TK22M: 120V: 0.22A

TK22L: 120V: 0.33A

THD:

TK22S: 14.6% at 120V

TK22M: 11.5% at 120V

TK22L: 13.0% at 120V

Power Factor:

TK22S: 96.5% at 120V

TK22M: 97.9% at 120V

TK22L: 98.6% at 120V

Dimming:

Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems.

Surge Protection

L-N: 2.5KV

LN-PE 2.5KV

FACTORY SETTINGS

Wattage:

TK22S: 8/6/4W (Default 8W)

TK22M: 20/15/10W (Default 20W)

TK22L: 30/25/20W (Default 30W)

Adjustable CCT: 2700/3000/3500/4000/5000K (Default 4000K)

Stepless adjustable optics: 15-55° (Default 55°)

OTHER

Warranty

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

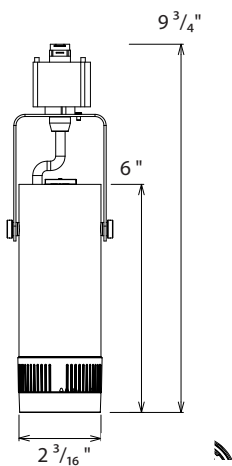
Lifespan

100,000-hours LED Lifespan based on IES LM-80 results and TM-21 calculations

DIMENSIONS

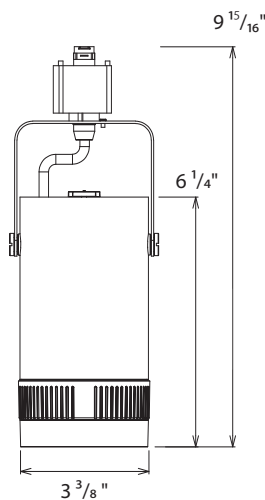
TK22S

Weight: 0.99 lb



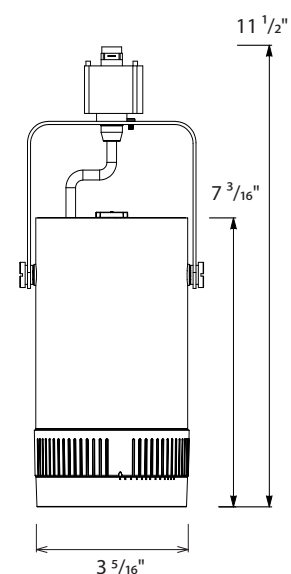
TK22M

Weight: 1.74 lbs



TK22L

Weight: 2.49 lbs



TRACK22 Field-Adjustable Track Lighting



ACCESSORIES			
IMAGE	ACCESSORY	UPC	DESCRIPTION
	TK22S-CM-KIT	192552047548	TRACK LIGHT SMALL WHITE CEILING MOUNT KIT
	TK22SB-CM-KIT	192552047555	TRACK LIGHT SMALL BLACK CEILING MOUNT KIT
	TK22M-CM-KIT	192552047647	TRACK LIGHT MEDIUM WHITE CEILING MOUNT KIT
	TK22MB-CM-KIT	192552047654	TRACK LIGHT MEDIUM BLACK CEILING MOUNT KIT
	TK22L-CM-KIT	192552047746	TRACK LIGHT LARGE WHITE CEILING MOUNT KIT
	TK22LB-CM-KIT	192552047753	TRACK LIGHT LARGE BLACK CEILING MOUNT KIT
	TK22S-BD	192552047463	TRACK LIGHT SMALL WHITE BARN DOOR
	TK22SB-BD	192552047470	TRACK LIGHT SMALL BLACK BARN DOOR
	TK22M-BD	192552047562	TRACK LIGHT MEDIUM WHITE BARN DOOR
	TK22MB-BD	192552047579	TRACK LIGHT MEDIUM BLACK BARN DOOR
	TK22L-BD	192552047661	TRACK LIGHT LARGE WHITE BARN DOOR
	TK22LB-BD	192552047678	TRACK LIGHT LARGE BLACK BARN DOOR
	TK22SB-WW	192552047517	TRACK LIGHT SMALL BLACK WALL WASH
	TK22S-WW	192552047500	TRACK LIGHT SMALL WHITE WALL WASH
	TK22MB-WW	192552047616	TRACK LIGHT MEDIUM BLACK WALL WASH
	TK22M-WW	192552047609	TRACK LIGHT MEDIUM WHITE WALL WASH

TRACK22 Field-Adjustable Track Lighting



ACCESSORIES (CONTINUED)

IMAGE	ACCESSORY	UPC	DESCRIPTION
	TK22LB-WW	192552047715	TRACK LIGHT LARGE BLACK WALL WASH
	TK22L-WW	192552047708	TRACK LIGHT LARGE WHITE WALL WASH
	TK22S-HC	192552047487	TRACK LIGHT SMALL WHITE HONEY COMB
	TK22SB-HC	192552047494	TRACK LIGHT SMALL BLACK HONEY COMB
	TK22M-HC	192552047586	TRACK LIGHT MEDIUM WHITE HONEY COMB
	TK22MB-HC	192552047593	TRACK LIGHT MEDIUM BLACK HONEY COMB
	TK22L-HC	192552047685	TRACK LIGHT LARGE WHITE HONEY COMB
	TK22LB-HC	192552047692	TRACK LIGHT LARGE BLACK HONEY COMB
	TK22SB-S	192552047531	TRACK LIGHT SMALL BLACK SNOOT
	TK22S-S	192552047524	TRACK LIGHT SMALL WHITE SNOOT
	TK22MB-S	192552047630	TRACK LIGHT MEDIUM BLACK SNOOT
	TK22M-S	192552047623	TRACK LIGHT MEDIUM WHITE SNOOT
	TK22LB-S	192552047739	TRACK LIGHT LARGE BLACK SNOOT
	TK22L-S	192552047722	TRACK LIGHT LARGE WHITE SNOOT

TRACK22 Field-Adjustable Track Lighting



ORDERING MATRIX

TK22 Track Light

Family	Size/Wattages	Mount		Color Temp	Optics	Finish		Driver				
TK22												
	S	8/6/4W	BLANK	H+ Track Mount	BLANK	2700/3000/3500/4000/5000K, CCT Adjustable	BLANK	15-55° Adjustable	BLANK	White	BLANK	120V, TRIAC Dimming
	M	20/15/10W							BLANK	Black		
	L	30/25/20W										

PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____

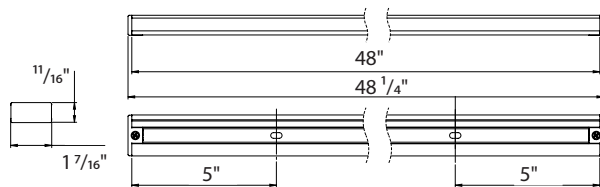
Compatible with all RAB track lighting

COMPONENTS

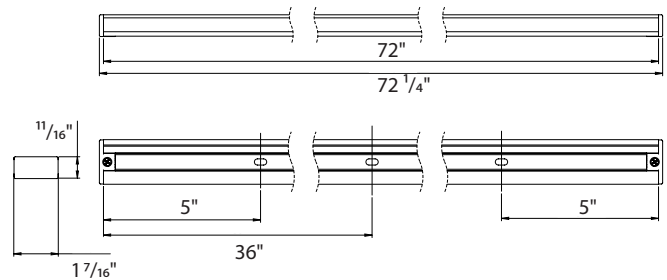
TRACKS			
IMAGE	ACCESSORY	UPC	DESCRIPTION
	TK4	192552048163	4-FOOT-LONG TRACK WHITE
	TK4/B	192552048170	4-FOOT-LONG TRACK BLACK
	TK6	192552048187	6-FOOT-LONG TRACK WHITE
	TK6/B	192552048194	6-FOOT-LONG TRACK BLACK
	TK8	192552048200	8-FOOT-LONG TRACK WHITE
	TK8/B	192552048217	8-FOOT-LONG TRACK BLACK

TRACKS DIMENSIONS

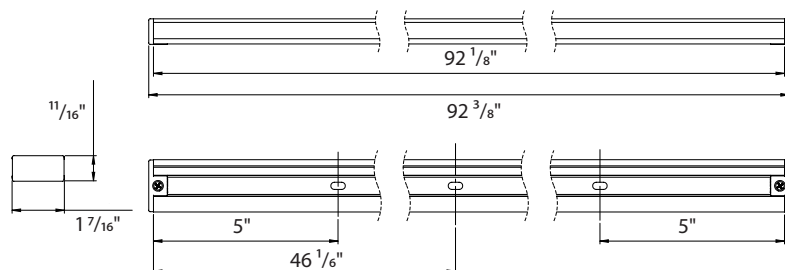
TK4



TK6



TK8

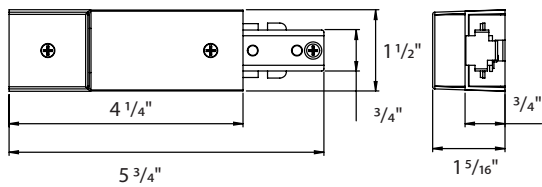


COMPONENTS

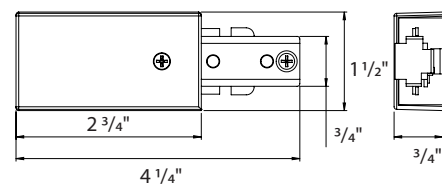
POWER FEED			
IMAGE	ACCESSORY	UPC	DESCRIPTION
	TK-CF	192552048262	CONDUIT FEED WHITE
	TK-CF/B	192552048279	CONDUIT FEED BLACK
	TK-EF	192552048286	TOP ACCESS END FEED WHITE
	TK-EF/B	192552048293	TOP ACCESS END FEED BLACK
	TK-TF	192552048224	T-BAR END FEED WHITE
	TK-TF/B	192552048231	T-BAR END FEED BLACK
	TK-CP	192552048248	12-FOOT-LONG GROUNDED CORD AND PLUG WHITE
	TK-CP/B	192552048255	12-FOOT-LONG GROUNDED CORD AND PLUG BLACK

POWER FEED DIMENSIONS

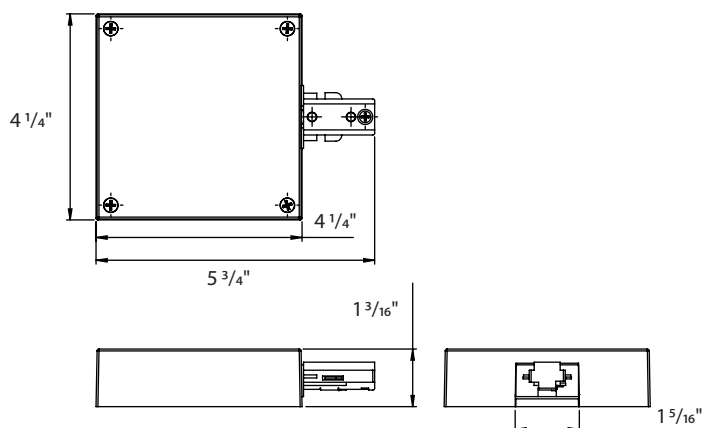
TK-CF



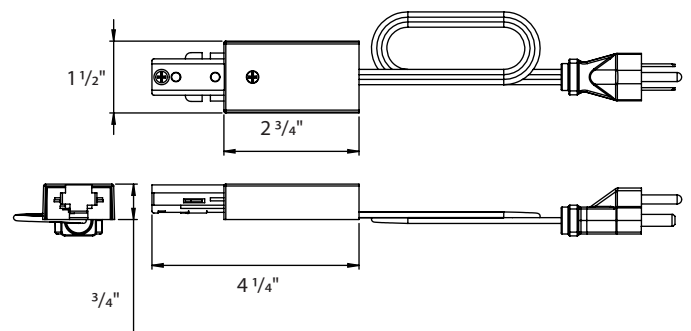
TK-EF



TK-TF



TK-CP

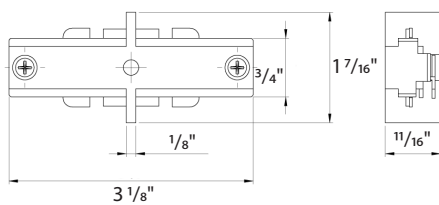


COMPONENTS

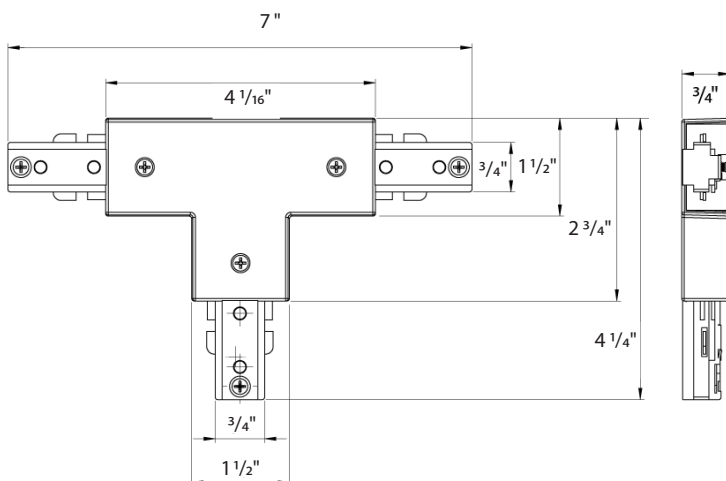
JOINER CONNECTORS			
IMAGE	ACCESSORY	UPC	DESCRIPTION
	TK-I	192552048309	I-JOINER LINEAR MINI WHITE
	TK-I/B	192552048316	I-JOINER LINEAR MINI BLACK
	TK-L	192552048347	L-JOINER WHITE
	TK-L/B	192552048354	L-JOINER BLACK
	TK-T	192552048361	T-JOINER WHITE
	TK-T/B	192552048378	T-JOINER BLACK
	TK-X	192552048323	X-JOINER WHITE
	TK-X/B	192552048330	X-JOINER BLACK

JOINER CONNECTOR DIMENSION

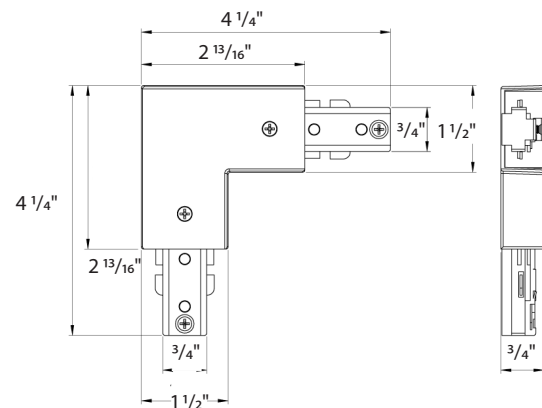
TK-I



TK-T



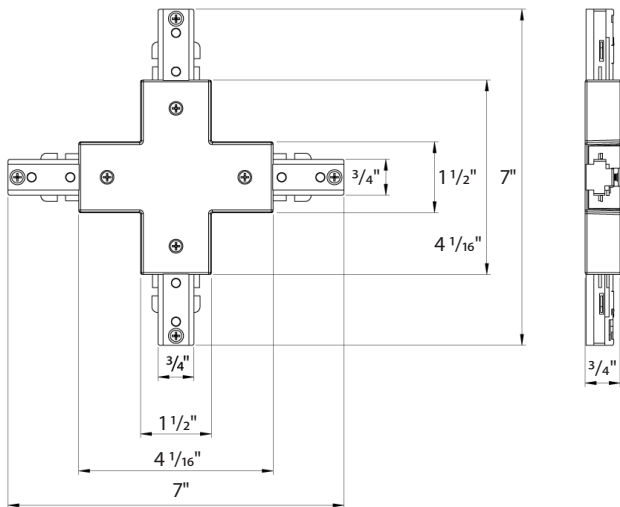
TK-L



COMPONENTS

JOINER CONNECTOR DIMENSION (CONTINUED)

TK-X



FLEXIBLE CONNECTORS			
IMAGE	ACCESSORY	UPC	DESCRIPTION
	TK-F	192552048385	FLEXIBLE CONNECTOR WHITE
	TK-F/B	192552048392	FLEXIBLE CONNECTOR BLACK

FLEXIBLE CONNECTOR DIMENSION

TK-F

