

FST-K / LED Strip Fixtures

The FST-K is ideal for upgrading fluorescent industrial strip fixtures to LED to produce ideal IES recommended light levels with minimized energy consumption. Our unique design with the enclosed driver is DLC listed. The FST-K is ideal for warehouses, garages, utility rooms and production lines.

Project Name: _____ Type: _____
 Catalog Number: _____ Date: _____



SPECIFICATIONS

Features

- Available in 4' and 8' lengths
- Many lumen packages are available to choose from
- Choice of CCT
- Available with choice of ballast cover or reflector style to match existing fixtures
- Single driver models have standard T8 ballast can size mounting which allows for easier installation
- Modular design and connectors allow for easy plug and play installation
- Reduces chance of miswiring
- UL damp compliant

Construction

- Driver housing constructed from white painted aluminum
- Familiar mounting features
- Designed around legacy fluorescent product

Electrical

- 120-277 VAC universal voltage standard
- Power Factor > .9 & THD < 20% @277 VAC on DLC listed models
- 0-10V dimming standard
- Name brand drivers

Optics

- Name brand LED arrays
- High efficiency LED's
- CRI > 80 on DLC listed models; high color rendering
- 91% reflective LED panels
- Frosted lens option available to reduce LED glare

Warranty

- 5-year limited warranty
- Project specific warranty terms available

Options

Consult with your sales representative for additional options

CERTIFICATIONS



ORDERING INFORMATION

ADDITIONAL OPTIONS:

TYPE	DIMENSION	LUMEN PACKAGE ^A	CCT	K STYLE	VOLTAGE	COVER ^A	LENS	SENSOR ^{AA}	WIRE CAGE	PACKAGING	GEN		
FST	4 1 x 4	025	35	K*	Blank 120v/277v	Blank	L	I*	W	DP	02		
		2,500L	3,500K			Ballast Cover	Frosted Acrylic					Integrated	11ga Painted White
	8 1 x 8	027	40			R	*Must specify bracket using codes on pg 2					*Specify sensor on pg 2	CP
		2,750L	4,000K			White Reflector							
	030	50											
	3,000L	5,000K											
	032												
	3,250L												
FST											-02		

Example Ordering Number: **FST402535-K(4)RLI(SS27)WCP-02**

^A4ft: 2,500 to 5,000 in 250 lumen increments ^A8ft: 3,000 to 10,000 in 500 lumen increments ^{AA}Only available on 8ft configurations

Note- this is the only product that uses a 3-digit lumen callout

Contact your sales rep for options specifics.

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ADDITIONAL OPTIONS

Channel/ Bracket Sizes:

CODE	FEATURES
4	4.25" static bracket
5	5.0" static bracket
A	Clip Strip adjustable bracket

Sensor Options:

CODE	FEATURES
Integrated sensor available only with 8 ft ballast covers	
SS27	Sensor Switch SBR6 - High bay lens - on/off control
SS29	Sensor Switch SBR10 - Low bay lens - on/off control
SS30	Sensor Switch SBR6 D - High bay lens - dimming with high/low occupancy
SS31	Sensor Switch SBR10 D - High bay lens - dimming with high/low occupancy

Certain options not compatible together. Contact your Sales Rep or logon to Kelvin for compatibility.

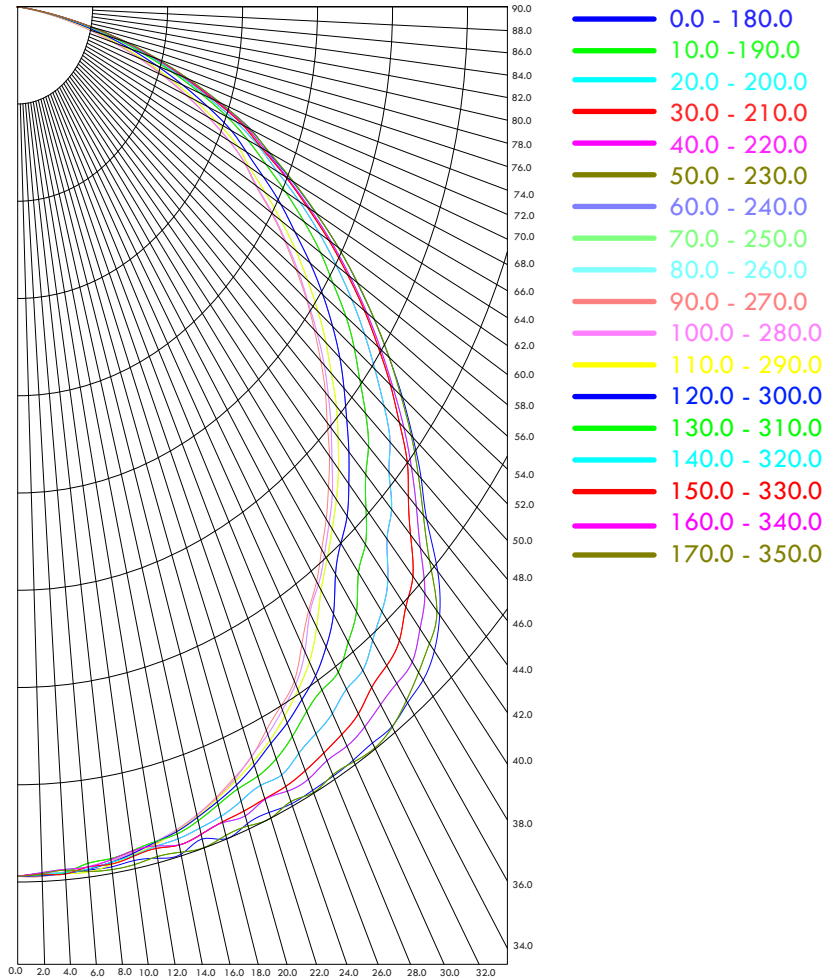
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PHOTOMETRIC DATA

Zonal lumen summary

ZONE	LUMENS	% OF FIXTURE
0-30	934	26.7
0-40	1571	44.9
0-60	2847	81.4
0-90	3500	100.0
90-120	0.0	0.0
90-150	0.0	0.0
90-180	0.0	0.0
0-180	3500	100.0

Polar plot



Light Output (Lumens)	3500
Watts	25.49
Lumens per Watt (Efficacy)	137.31
Color Accuracy Color Rendering Index (CRI)	80
Light Color Correlated Color Temperature (CCT)	
5000 (Daylight)	
Warm White	Bright White
2700K	3000K
	4500K
	6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: 61VT-YX7AHU (9/6/2016)

Model Number: FST403550

Type: Luminaire - Industrial

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SCALED PERFORMANCE TABLE

Part #	Dimensions	Initial Light Output (lumens)	Input Power (W)	Luminaire Efficacy (lm/w)	CCT	DLC v4.1 Tier
FST402535-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	2500	18	139	3500	Premium
FST402535-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	2500	18.9	132	3500	Premium
FST402540-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	2500	17.3	145	4000	Premium
FST402540-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	2500	18.1	138	4000	Premium
FST402550-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	2500	16.7	150	5000	Premium
FST402550-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	2500	17.5	143	5000	Premium
FST402735-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	2750	20.2	136	3500	Premium
FST402735-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	2750	21.2	130	3500	Premium
FST402740-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	2750	19.3	142	4000	Premium
FST402740-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	2750	20.3	135	4000	Premium
FST402750-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	2750	18.7	147	5000	Premium
FST402750-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	2750	19.6	140	5000	Premium
FST403035-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3000	22.4	134	3500	Premium
FST403035-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3000	23.6	127	3500	Standard
FST403040-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3000	21.5	140	4000	Premium
FST403040-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3000	22.6	133	4000	Premium
FST403050-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3000	20.7	145	5000	Premium
FST403050-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3000	21.8	138	5000	Premium
FST403235-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3250	24.7	132	3500	Premium
FST403235-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3250	24.9	131	3500	Standard
FST403240-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3250	23.7	137	4000	Premium
FST403240-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3250	24	135	4000	Premium
FST403250-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3250	22.8	143	5000	Premium
FST403250-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3250	24	135	5000	Premium
FST403535-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3500	27.1	129	3500	Premium
FST403535-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3500	27.1	129	3500	Standard
FST403540-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3500	25.9	135	4000	Premium
FST403540-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3500	26.1	134	4000	Premium
FST403550-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3500	25	140	5000	Premium
FST403550-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3500	26.1	134	5000	Premium
FST403735-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3750	29.6	127	3500	Premium
FST403735-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3750	29.4	128	3500	Standard
FST403740-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3750	28.3	133	4000	Premium
FST403740-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3750	28.3	133	4000	Standard
FST403750-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3750	27.2	138	5000	Premium
FST403750-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	3750	28.3	133	5000	Standard
FST404035-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4000	30.1	133	3500	Premium
FST404035-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4000	31.7	126	3500	Standard
FST404040-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4000	29	138	4000	Premium

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SCALED PERFORMANCE TABLE

FST404040-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4000	30.5	131	4000	Standard
FST404050-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4000	29	138	5000	Premium
FST404050-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4000	30.5	131	5000	Standard
FST404235-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4250	32.3	132	3500	Standard
FST404235-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4250	34.1	125	3500	Standard
FST404240-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4250	31.2	136	4000	Premium
FST404240-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4250	32.9	129	4000	Standard
FST404250-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4250	31.2	136	5000	Premium
FST404250-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4250	32.9	129	5000	Standard
FST404535-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4500	34.6	130	3500	Standard
FST404540-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4500	33.4	135	4000	Premium
FST404550-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4500	33.4	135	5000	Premium
FST404735-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4750	36.9	129	3500	Standard
FST404740-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4750	35.6	133	4000	Premium
FST404750-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	4750	35.6	133	5000	Premium
FST405050-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x4	5000	37.9	132	5000	Standard
FST803035-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	3000	20.2	149	3500	Premium
FST803035-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	3000	21.2	142	3500	Premium
FST803040-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	3000	19.4	155	4000	Premium
FST803040-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	3000	20.4	147	4000	Premium
FST803050-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	3000	18.8	160	5000	Premium
FST803050-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	3000	19.6	153	5000	Premium
FST803535-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	3500	24	146	3500	Premium
FST803535-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	3500	25	140	3500	Premium
FST803540-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	3500	23	152	4000	Premium
FST803540-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	3500	24.2	145	4000	Premium
FST803550-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	3500	22.2	158	5000	Premium
FST803550-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	3500	23.4	150	5000	Premium
FST804035-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	4000	27.8	144	3500	Premium
FST804035-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	4000	29.2	137	3500	Premium
FST804040-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	4000	26.8	149	4000	Premium
FST804040-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	4000	28	143	4000	Premium
FST804050-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	4000	26	154	5000	Premium
FST804050-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	4000	27.2	147	5000	Premium
FST804535-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	4500	31.8	142	3500	Premium
FST804535-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	4500	33.4	135	3500	Premium
FST804540-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	4500	30.6	147	4000	Premium
FST804540-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	4500	32	141	4000	Premium
FST804550-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	4500	29.6	152	5000	Premium
FST804550-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	4500	31	145	5000	Premium
FST805035-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	5000	36	139	3500	Premium

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SCALED PERFORMANCE TABLE

FST805035-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	5000	37.8	132	3500	Premium
FST805040-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	5000	34.6	145	4000	Premium
FST805040-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	5000	36.2	138	4000	Premium
FST805050-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	5000	33.4	150	5000	Premium
FST805050-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	5000	35	143	5000	Premium
FST805535-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	5500	40.4	136	3500	Premium
FST805535-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	5500	42.4	130	3500	Premium
FST805540-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	5500	38.6	142	4000	Premium
FST805540-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	5500	40.6	135	4000	Premium
FST805550-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	5500	37.4	147	5000	Premium
FST805550-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	5500	39.2	140	5000	Premium
FST806035-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	6000	44.8	134	3500	Premium
FST806035-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	6000	47.2	127	3500	Standard
FST806040-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	6000	43	140	4000	Premium
FST806040-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	6000	45.2	133	4000	Premium
FST806050-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	6000	41.4	145	5000	Premium
FST806050-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	6000	43.6	138	5000	Premium
FST806535-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	6500	49.4	132	3500	Premium
FST806535-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	6500	49.8	131	3500	Standard
FST806540-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	6500	47.4	137	4000	Premium
FST806540-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	6500	48	135	4000	Premium
FST806550-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	6500	45.6	143	5000	Premium
FST806550-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	6500	48	135	5000	Premium
FST807035-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	7000	54.2	129	3500	Premium
FST807035-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	7000	54.2	129	3500	Standard
FST807040-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	7000	51.8	135	4000	Premium
FST807040-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	7000	52.3	134	4000	Premium
FST807050-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	7000	50	140	5000	Premium
FST807050-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	7000	52.3	134	5000	Premium
FST807535-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	7500	59.2	127	3500	Premium
FST807535-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	7500	58.8	128	3500	Standard
FST807540-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	7500	56.6	133	4000	Premium
FST807540-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	7500	56.6	133	4000	Standard
FST807550-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	7500	54.4	138	5000	Premium
FST807550-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	7500	56.6	133	5000	Standard
FST808035-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	8000	60.1	133	3500	Premium
FST808035-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	8000	63.4	126	3500	Standard
FST808040-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	8000	58.1	138	4000	Premium
FST808040-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	8000	61.1	131	4000	Standard
FST808050-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	8000	58.1	138	5000	Premium
FST808050-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	8000	61.1	131	5000	Standard

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FST808535-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	8500	64.6	132	3500	Standard
FST808535-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	8500	68.2	125	3500	Standard
FST808540-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	8500	62.3	136	4000	Premium
FST808540-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	8500	65.7	129	4000	Standard
FST808550-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	8500	62.3	136	5000	Premium
FST808550-[blank,K]L[blank,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	8500	65.7	129	5000	Standard
FST809035-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	9000	69.2	130	3500	Standard
FST809040-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	9000	66.7	135	4000	Premium
FST809050-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	9000	66.7	135	5000	Premium
FST809535-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	9500	73.9	129	3500	Standard
FST809540-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	9500	71.2	133	4000	Premium
FST809550-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	9500	71.2	133	5000	Premium
FST810050-[blank,K,H,R,C,S,I,W,E,M,DP,CP]-02	1x8	10000	75.8	132	5000	Standard

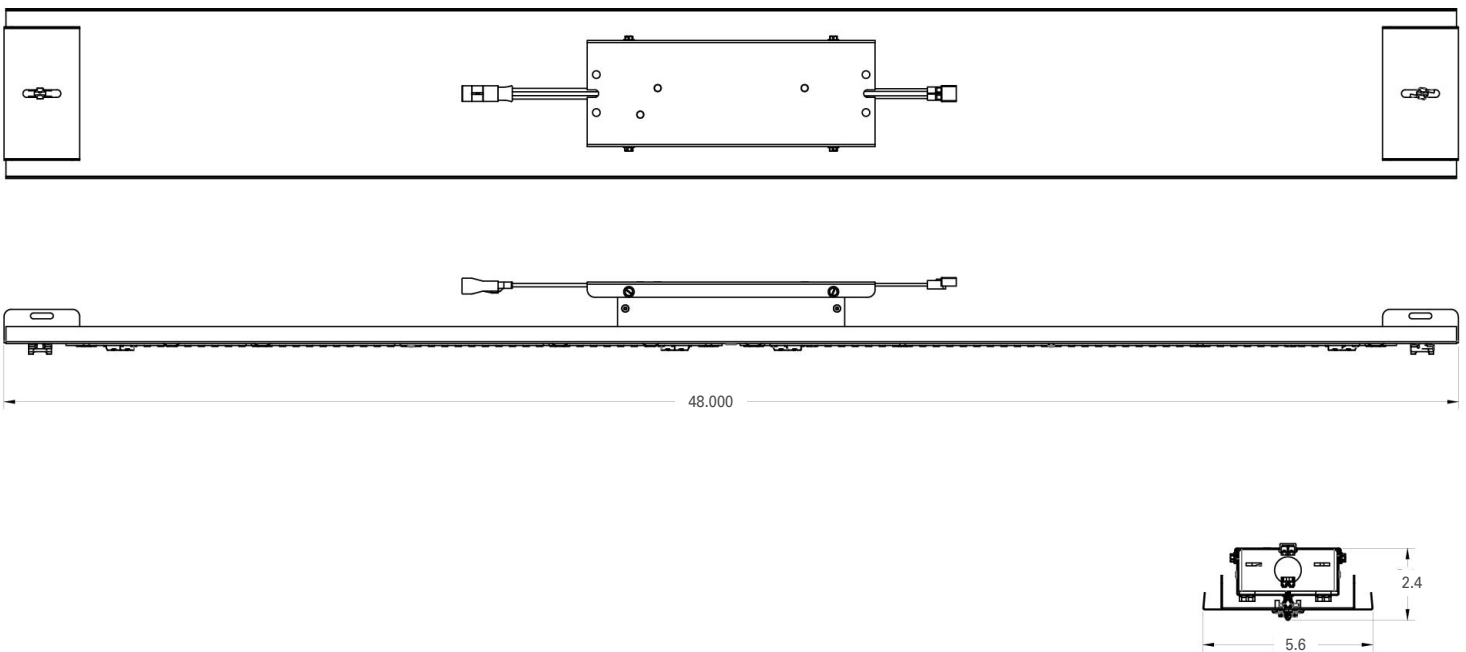
APPLICATION NOTES

Actual performance may vary by up to +/-10% of values listed.
See IES file for actual values.

See DLC QPL for listed models.

FST-K / LED Strip Fixtures

FIXTURE DIMENSIONS



FST-K / LED Strip Fixtures

ADDITIONAL PRODUCT IMAGES

