

Project Name:	Part Number:	Type:
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FST-K LED STRIP RETROFIT KIT

COMMERCIAL



407-478-3759
www.ilp-inc.com

FEATURES

- 4ft & 8ft Available
- 3,000 – 8,000 Lumens
- High Efficacy – Up to 140 lm/W
- 3500K, 4000K & 5000K CCT
- 0-10V 120-277V Dimmable Driver
- Frosted Lens (std.) to Remove Shadowing & Pixilation
- Ballast Cover Standard; White Reflector Option
- Adjustable Bracket to Retrofit 4.3" to 5.25" Wide Existing Strips (std.)
- Sensor Options
- 5 Year Warranty
- ETL Damp Location Listed
- DesignLights Consortium® Premium Qualified Luminaire



Shown with ES Sensor Option



SUITABLE APPLICATIONS

- Schools
- Manufacturing Plants
- Grocery Stores & Retail Applications
- Warehouses/Distribution Centers

LED SYSTEMS INFORMATION

		30	40		50	60	80
Calculated L ₇₀ (TM-21)	4FT	>100K	>100K	8FT	>100K	>100K	>100K
Delivered Lumens		3,000 lm	4,000 lm		5,000 lm	6,000 lm	8,000 lm
Total Input Watts		22 W	31 W		36 W	44 W	61 W
Luminaire Efficacy Rating (LER)		137 lm/W	131 lm/W		140 lm/W	137 lm/W	131 lm/W
Correlated Color Temperature (CCT)		4000K	4000K		4000K	4000K	4000K
Color Rendering Index (CRI)		>80	>80		>80	>80	>80
Ambient Temperature Range		-4°F - 109°F	-4°F - 109°F		-4°F - 109°F	-4°F - 109°F	-4°F - 109°F
Universal Driver		120-277 V	120-277 V		120-277 V	120-277 V	120-277 V
Replaces Existing		2T8	2T8	2T8	2T8 / 2T12	4T8/2T12HO/2T5HO	

LED System data above based on FST403040-KL-02, FST404040-KL-02, FST805040-KL-02, FST806040-KL-02, & FST808040-KL-02.
LED Lumen maintenance estimates on TM-21 projections for the light source at 25°C ambient.

ORDERING GUIDE:

Series	Lumens	Color	Bracket	Lens	Options	Gen
FST4-4ft	030-3000lm	50	<input checked="" type="checkbox"/> K-Adjustable Width	<input checked="" type="checkbox"/> L - Frosted Acrylic Lens (std.)	R	<input checked="" type="checkbox"/> 02
	040-4000lm	40			ES	
FST8-8ft	050-5000lm	35			ES/WWS/DR	
	060-6000lm				ES/PCD	
	080-8000lm				SR	
					DR	
				VDO*	Lutron Vive DFCSJ-OEM-OCC (Daylight & Occupancy)	
				VRF*	Lutron Vive DFCSJ-OEM-RF (RF Only)	
				WC†	11 Ga Wire Cage	
				RACEWAY/3WIRE‡	3 Wire Raceway Wiring Harness	
				RACEWAY/5WIRE‡	5 Wire Raceway Wiring Harness	
				FI/ILBCP07	Factory Installed 7W LED Battery Backup	
				FI/ILBCP10	Factory Installed 10W LED Battery Backup	
				FI/ILBCP12	Factory Installed 12W LED Battery Backup	
				SD347†	347V Step Down Transformer	
				SD480†	480V Step Down Transformer	

* Must be used with SR Driver

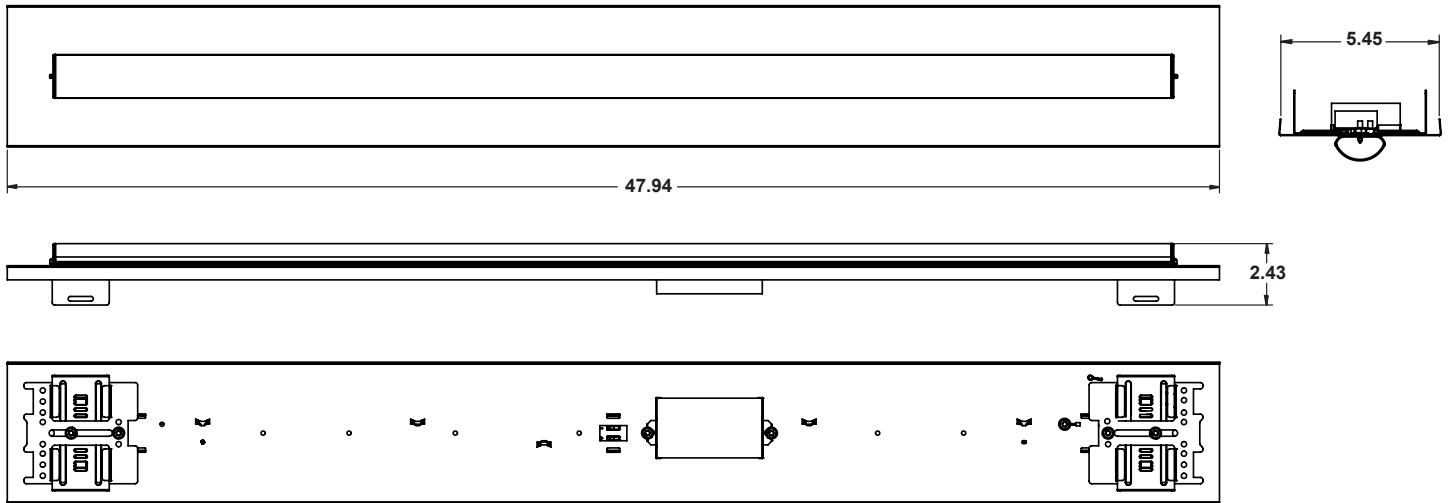
† Option Not DLC Listed

‡ Used for Continuous Wiring through Fixture

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LINE DRAWINGS



FST-K LED STRIP KIT

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PHOTOMETRIC REPORTS

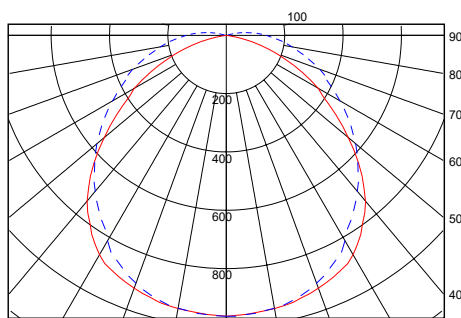
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FST403040-KL-02

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	97.9%
EFFICIENCY (Uplight):	2.1%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	3000.167
INPUT WATTS:	22.6

PLANE AND CONE DIAGRAM



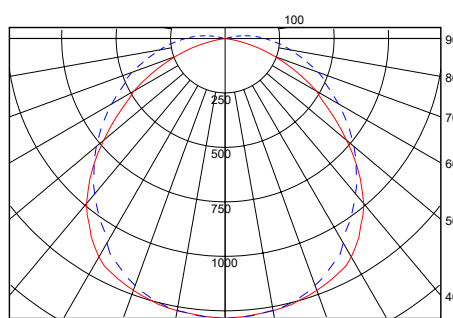
Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

FST404040-KL-02

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	97.9%
EFFICIENCY (Uplight):	2.1%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	4000.224
INPUT WATTS:	30.5

PLANE AND CONE DIAGRAM



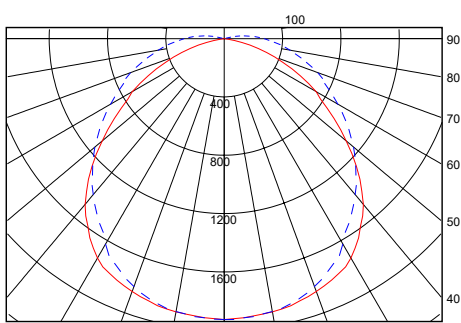
Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

FST805040-KL-02

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	97.9%
EFFICIENCY (Uplight):	2.1%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	5000.28
INPUT WATTS:	36.2

PLANE AND CONE DIAGRAM



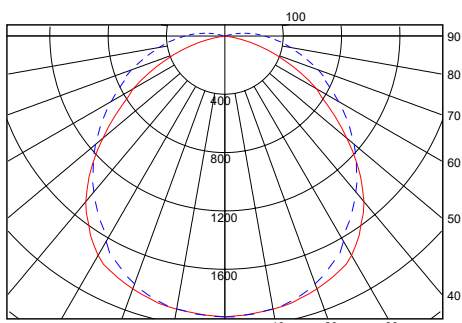
Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

FST806040-KL-02

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	97.9%
EFFICIENCY (Uplight):	2.1%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	6000.337
INPUT WATTS:	45.2

PLANE AND CONE DIAGRAM



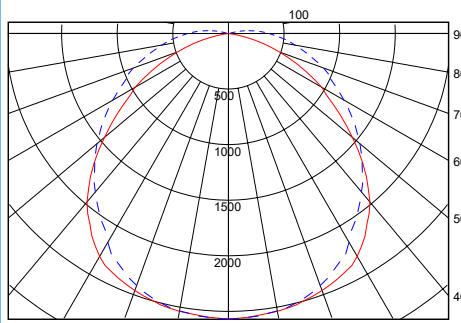
Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

FST808040-KL-02

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	97.9%
EFFICIENCY (Uplight):	2.1%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	8000.45
INPUT WATTS:	61.1

PLANE AND CONE DIAGRAM



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees