

Project Name:

Part Number:

Type:

FST LED STRIP FIXTURE

COMMERCIAL



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

FEATURES

- 4ft & 8ft Available
- 3,000 – 8,000 Lumen Packages
- High Efficacy – Up to 140 lm/W
- 3500K, 4000K & 5000K CCT
- 0-10V 120-277V Dimmable Driver
- Frosted Lens (std.) to Remove Shadowing & Pixilation
- White Reflector Option
- Sensor Options
- 5 Year Warranty
- ETL Damp Location Listed
- DesignLights Consortium® Premium Qualified Luminaire



Standard

Shown with White Reflector

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)	>100K	>100K	>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

LED System data above based on FST403040-L-02, FST404040-L-02, FST805040-L-02, FST806040-L-02, & FST808040-L-02.

LED Lumen maintenance estimates on TM-21 projections for the light source at 25°C ambient.

ORDERING GUIDE:

Series	Lumens	Color	Lens	Options	Gen
FST4- 4ft	030 - 3000 Lumens	50	☒ L - Frosted Acrylic Lens (std.)	R	☒ 02
	040 - 4000 Lumens	40		ES	
		35		ES/WW/DR	
FST8- 8ft	050 - 5000 Lumens			ES/PCD	
	060 - 6000 Lumens			SR	
	080 - 8000 Lumens			DR	
				VDO†	
				VRF†	
				WC†	
				CORDx	
				RACEWAY/3WIRE**	
				RACEWAY/5WIRE**	
				HB-XX-18Y-PAD	
				ALBR*	
				QMBR	
				FI/ILBCP07	
				FI/ILBCP10	
				FI/ILBCP12	
				SD347†	
				SD480†	

* Used to align fixtures mounted in continuous rows

** For continuous wiring through fixtures

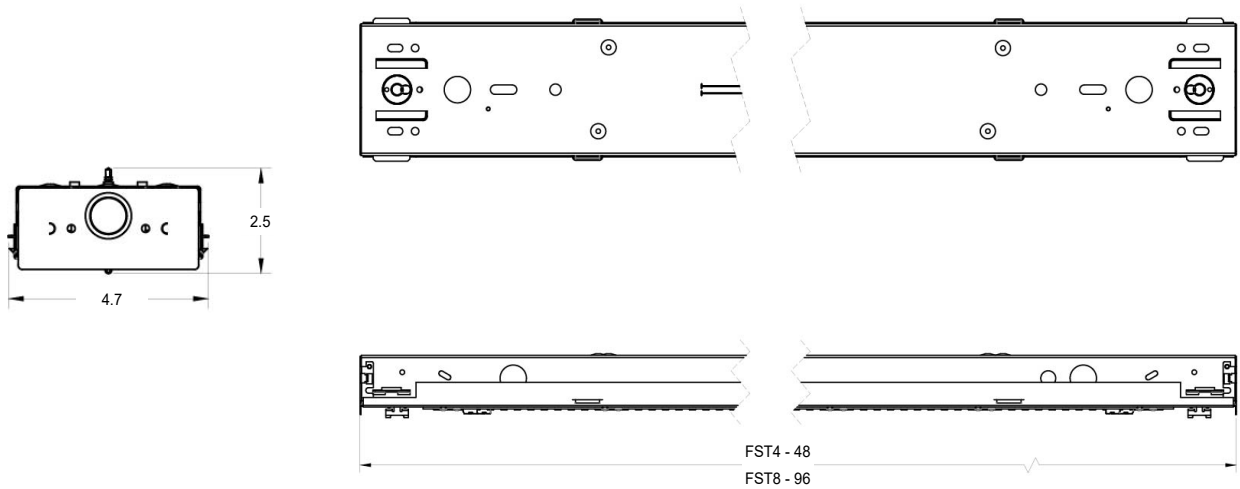
† Option Not DLC Listed

‡ Must be used with SR Driver

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LINE DRAWINGS



MOUNTING OPTIONS

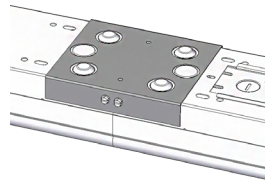
- **V-Clips** - For dual point chain or cable hanging
- **HB-XX-18Y-PAD** - Y-Paddle Cables System (XX = in)
- **ALBR** - Alignment Bracket (Used to align fixtures mounted in continuous rows)
- **QMBR** - Quick Mount Bracket for Surface Mounting (Set of 2)



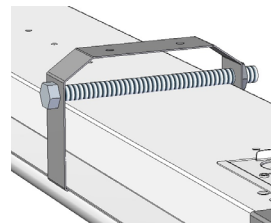
V-CLIPS



HB-XX-PAD



ALBR



QMBR

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PHOTOMETRIC REPORTS

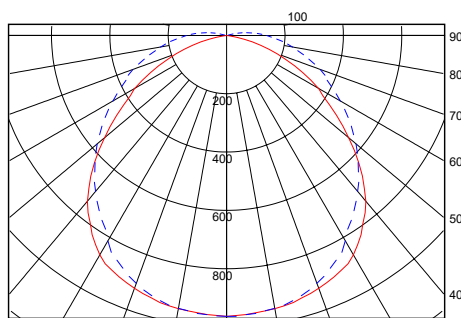
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FST403040-L-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



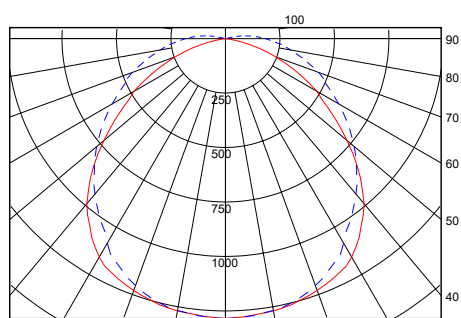
Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

FST404040-L-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



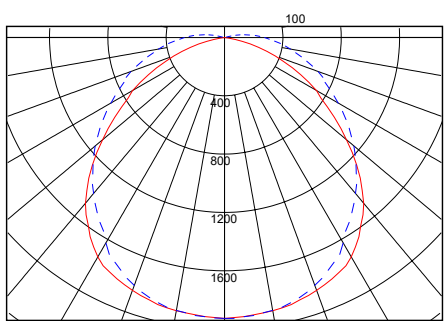
Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

FST805040-L-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



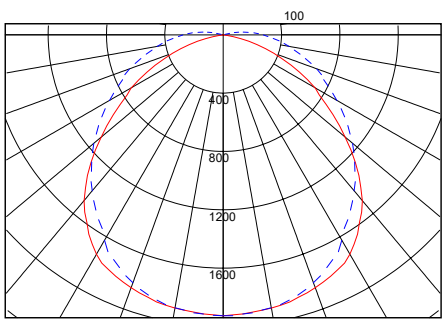
Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

FST806040-L-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



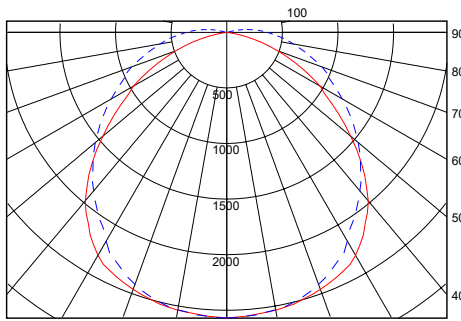
Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

FST808040-L-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