Project Name:	Part Number:	Type:

FZ LOW PROFILE STRIP

COMMERCIAL

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



FEATURES

- Durable steel construction
- Frosted acrylic lens available
- 4ft & 8ft options available
- Multiple dimming & sensor options to fully control occupied & unoccupied light levels
- 3000K, 3500K, 4000K, and 5000K color options available
- 120-277V Universal Voltage
- 0-10V dimmable driver
  - -FZ4-20W-40W (100% - 5%)
  - -FZ4-55W (100% - 1%)
  - - FZ8-40W-80W (100% - 5%)
  - - FZ8-110W (100% -1%)
- Single (4ft) or dual pendant (4ft & 8ft), surface mount and cable hanging options
- L90>54,000 hrs
- Dry and damp location listed
- ETL damp listed
- 5 Year Warranty
- DesignLights Consortium® Premium Qualified Luminaire

SUITABLE APPLICATIONS

- Schools
- Manufacturing Plants
- Warehouses or Distribution Centers
- Retail Applications
- Grocery Stores
- Stairwells (W/ USBD Sensor) (4ft only)

- EasySense Available on 4ft & 8ft

LED INFO

		20W	32W	40W	55W		40W	64W	80W	110W
Calculated L_{70} (TM-21) Hours	4FT	>100K	>100K	>100K	>100K	8FT	>100K	>100K	>100K	>100K
Delivered Lumens		3,635 lm	5,241 lm	6,819 lm	8,626 lm		7,057 lm	10,521 lm	13,783 lm	17,128 lm
Total Input Watts		22 W	33 W	41 W	54 W		44 W	64W	82 W	108 W
Luminaire Efficacy Rating (LER)		163 lm/W	162 lm/W	168 lm/W	159 lm/W		161 lm/W	164 lm/W	169 lm/W	159 lm/W
Correlated Color Temperature (CCT)		4000K	4000K	4000K	4000K		4000K	4000K	4000K	4000K
Color Rendering Index (CRI)		>80	>80	>80	>80		>80	>80	>80	>80
Ambient Temperature Range		-4˚F - 120˚F	-4˚F - 103˚F	-4˚F - 101˚F	-4˚F - 100˚F		-4˚F -100˚F	-4˚F - 100˚F	-4˚F - 103˚F	-4˚F - 107˚F

LED System data for Frosted Lens is located on the second page. LED System data above based on FZ4-20W-U-40, FZ4-32W-U-40, FZ4-40W-U-40, FZ4-55W-U-40, FZ8-40W-U-40, FZ8-64W-U-40, FZ4-80W-U-40, FZ4-110W-U-40,
LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25˚C ambient.

ORDERING GUIDE:

Series		Watts	Driver		Color
☐ **FZ4**	Low Profile Strip 4ft	☐ **20W**	☐ **U**	120-277 V Driver	☐ **50**
		☐ **32W**			☐ **40**
		☐ **40W**			☐ **35**
		☐ **55W**			☐ **30**
☐ **FZ8**	Low Profile Strip 8ft	☐ **40W**			
		☐ **64W**			
		☐ **80W**			
		☐ **110W**			

Options	
☐ **FRAL**	Frosted Acrylic Lens
☐ **SR**	Sensor Ready Driver for ES
☐ **ES**	EasySense Control
☐ **ES/WWS/DR**	EasySense Dual Rocker Wireless Wall Switch
☐ **ES/PCD**	Pre-Installed App on Control Device for Commissioning
☐ **BLD**	Bi-level dimming driver (Controlled via 2 hot heads)
☐ **USBD**	User Bi-Level Dim Sensor w/ Occ. Sensor
☐ **BDxx**	Preset Bi-Level Dim Sensor (xx=%eg.20,30)
☐ **BDxxPC**	Preset Bi-level Dim Sensor w/ Photocell
☐ **DHPC**	Daylight Harvesting
☐ **FIOS**	On/Off Occupancy Sensor Installed
☐ **VC**	V-Clips
☐ **WC***	11 GA Wire Cage
☐ **HUB ¾ CONDUIT**	¾ Conduit HUB (1 per 4ft section)
☐ **FMB****	Fixture Mounting Box (Use with HUB for single point mounting)
☐ **HB-XX-18Y-PAD**	Y-Toggle Cable System (XX = in)
☐ **FI/ILBCP05**	5W LED Factory Installed Battery Backup
☐ **FI/ILBCP07**	7W LED Factory Installed Battery Backup
☐ **FI/ILBCP10**	10W LED Factory Installed Battery Backup
☐ **FI/ILBCP12**	12W LED Factory Installed Battery Backup
☐ **SD480***	480V Step Down Transformer

*Option not DLC Listed

**Available for 4ft only

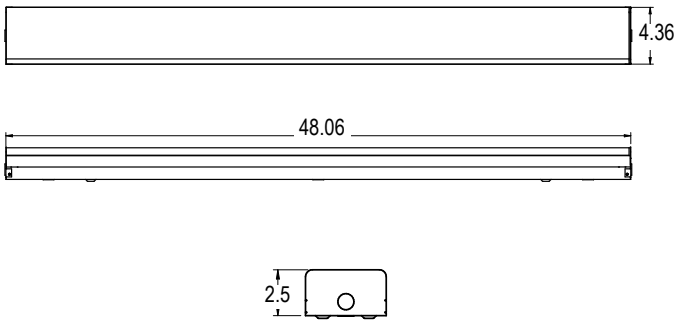
FZ LOW PROFILE STRIP

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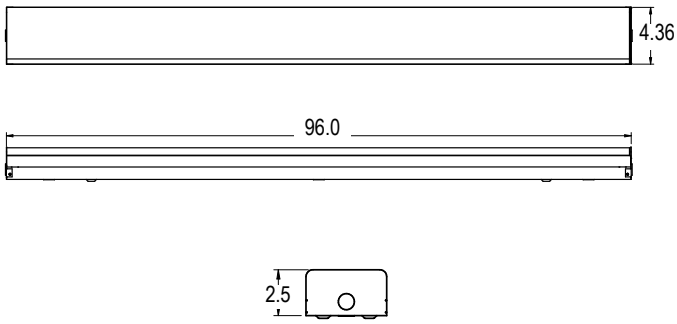
FROSTED LEN INFO		20W FRAL	32W FRAL	40W FRAL	55W FRAL		40W FRAL	64W FRAL	80W FRAL	110W FRAL
Calculated L_{70} (TM-21) Hours	4FT	>100K	>100K	>100K	>100K	8FT	>100K	>100K	>100K	>100K
Delivered Lumens		3,138 lm	4,386 lm	5,858 lm	7,399 lm		6,125 lm	9,016 lm	11,944 lm	14,820 lm
Total Input Watts		22 W	33 W	40 W	54 W		44 W	65 W	82 W	108 W
Luminaire Efficacy Rating (LER)		141 lm/W	135 lm/W	146 lm/W	137 lm/W		140 lm/W	138 lm/W	147 lm/W	138 lm/W
Correlated Color Temperature (CCT)		4000K	4000K	4000K	4000K		4000K	4000K	4000K	4000K
Color Rendering Index (CRI)		>80	>80	>80	>80		>80	>80	>80	>80
Ambient Temperature Range		-4˚F - 120˚F	-4˚F - 103˚F	-4˚F - 101˚F	-4˚F - 100˚F		-4˚F - 100˚F	-4˚F - 100˚F	-4˚F - 103˚F	-4˚F - 107 ˚F

LINE DRAWING

FZ4:



FZ8:

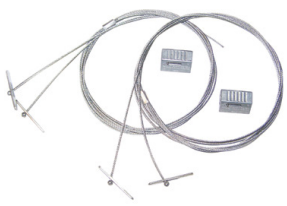


MOUNTING OPTIONS

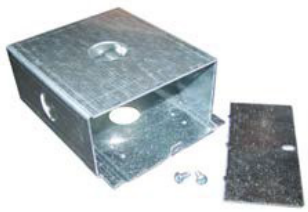
- **V-Clips** - For dual point chain or cable hanging
- **HB-XX-18Y-PAD** - Y-Paddle Cables System (XX = in)



V-CLIPS



HB-XX-PAD



FMB



HUB ¾ CONDUIT

FZ LOW PROFILE STRIP

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PHOTOMETRIC REPORTS

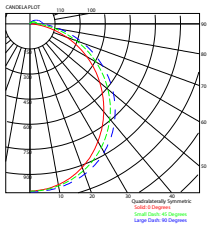
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FZ4-20WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.4%
EFFICIENCY (Uplight):	4.6%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	3096.3
INPUT WATTS:	22.2415

PLANE AND CONE DIAGRAM

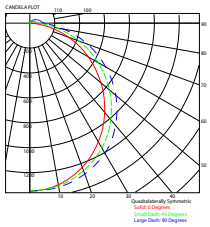


FZ4-32WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.8%
EFFICIENCY (Uplight):	4.2%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	4268.636
INPUT WATTS:	32.4712

PLANE AND CONE DIAGRAM

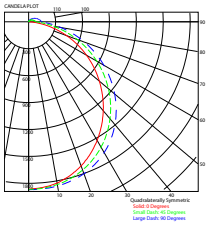


FZ4-40WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.9 %
EFFICIENCY (Uplight):	4.1 %
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	5879.027
INPUT WATTS:	40.62

PLANE AND CONE DIAGRAM

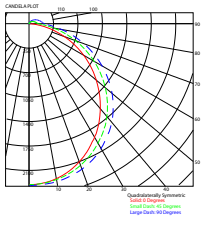


FZ4-55WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	94.9 %
EFFICIENCY (Uplight):	5.1 %
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	7314.931
INPUT WATTS:	53.9995

PLANE AND CONE DIAGRAM

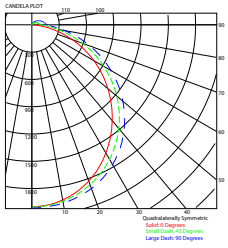


FZ8-40WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.3%
EFFICIENCY (Uplight):	4.7%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	6215.038
INPUT WATTS:	43.7

PLANE AND CONE DIAGRAM

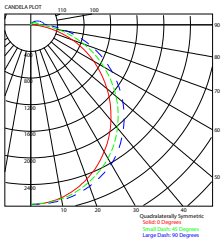


FZ8-64WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.6%
EFFICIENCY (Uplight):	4.4%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	8583.105
INPUT WATTS:	64.03

PLANE AND CONE DIAGRAM

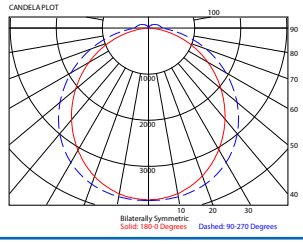


FZ8-80WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.9 %
EFFICIENCY (Uplight):	4.1 %
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	11763.04
INPUT WATTS:	81.5

PLANE AND CONE DIAGRAM



FZ8-110WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	94.7 %
EFFICIENCY (Uplight):	5.3 %
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	14694.39
INPUT WATTS:	107.8

PLANE AND CONE DIAGRAM

