

Project Name:	Part Number:	Type:
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FX LOW PROFILE STRIP

INDUSTRIAL



FEATURES

- Available in 4ft & 8ft Lengths:
 - Slim Version - 2.9" Wide (FXS)
 - Wide Version - 4.4" Wide (FX)
- Durable Steel Construction
- Patent Pending Integrated Light Engine Design
- 120-277 Universal Voltage (Non-Dimmable)
- High Efficacy - Up to 152 lm/W
- 4000K & 5000K Color Temperatures
- 5 Year Warranty
- ETL Damp & Dry Location Listed
- DesignLights Consortium® Premium Qualified Luminaire



FXS



FX



SUITABLE APPLICATIONS

- Schools
- Manufacturing Plants
- Warehouses or Distribution Centers
- Retail Applications
- Grocery Stores

LED INFO	12W	12W	24W	36W	24W	24W	48W	72W
Calculated L ₇₀ (TM-21) Hours	>100K	>100K	>100K	>100K	>100K	>100K	>100K	>100K
Delivered Lumens	1,809 lm	1,821 lm	3,508 lm	5,121 lm	3,634 lm	3,657 lm	7,110 lm	10,290 lm
Total Input Watts	12 W	12 W	25 W	38 W	25 W	25 W	50 W	74 W
Luminaire Efficacy Rating (LER)	146 lm/W	147 lm/W	142 lm/W	136 lm/W	148 lm/W	149 lm/W	144 lm/W	139 lm/W
Correlated Color Temp (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 - 118°F	-4°F - 117°F	-4°F - 117°F	-4°F - 112°F	-4°F - 118°F	-4°F - 115°F	-4°F - 113°F	-4°F - 111°F

LED System data above based on FXS4-12W-U-40, FX4-12W-U-40, FX4-24W-U-40, FX4-36W-U-40, FXS8-24W-U-40, FX8-24W-U-40, FX8-48W-U-40, FX8-72W-U-40
LED Lumen maintenance estimates on TM-21 projections for the light source at 25°C ambient.

ORDERING GUIDE:

Series	Watts	Driver	Color	Options
FXS4 Low Profile Slim Strip 4ft	12W	U 120-277 V Driver	50 40	FIOS* On/Off Occupancy Sensor FIOSPC* On/Off Occupancy Sensor w/ Photocell BD50* 50% Bi-Level Dimming Sensor (Available on 24W & 48W Models Only) BD30* 30% Bi-Level Dimming Sensor (Available on 36W & 72W Models Only) EM5 Factory Installed 5W Battery Backup EM10 Factory Installed 10W Battery Backup CORDx Cord (x = ft) CORD/6FT/L7-15P Cord 6ft with 277V Twist Lock Plug RACEWAY/3WIRE† 3 Wire Raceway Wiring Harness for Continuous Wiring Through Fixtures ALBR† Alignment Bracket (Used to align fixtures mounted in continuous rows) QMBR Quick Mount Bracket for Surface Mounting (Set of 2) HB-XX-18Y-PAD Y-Toggle Hanging Cable System (xx = in) FMB Fixture Mounting Box (1 per 4ft Section) HUB 3/4 Conduit Hub 3/4" (1 per 4ft Section) Use with FMB WC♦ 11ga. Wire Cage VC V-Clips for Chain Hanging SD347♦ 347V Step Down Transformer SD480♦ 480V Step Down Transformer SP Surge Protector - 10KVA 120 - 277VAC
FX4 Low Profile Strip 4ft	12W 24W 36W			
FXS8 Low Profile Slim Strip 8ft	24W			
FX8 Low Profile Strip 8ft	24W 48W 72W			

*End Mounted Sensor

♦Not DLC Listed

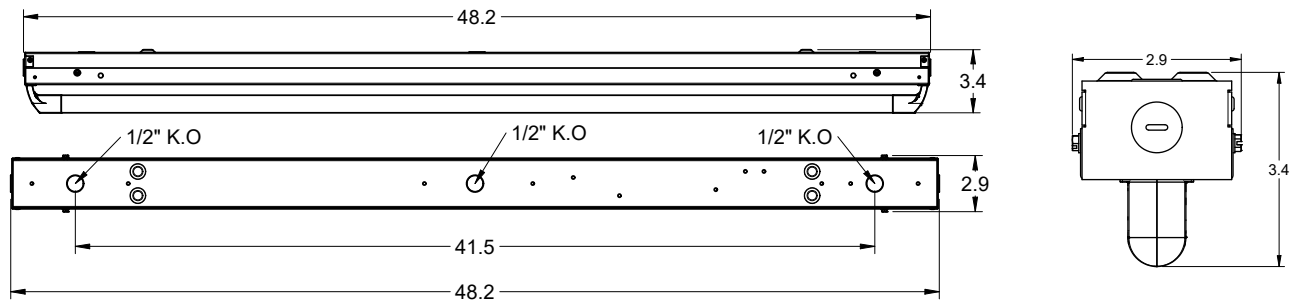
†Used only when mounting fixtures in continuous rows

FX LOW PROFILE STRIP

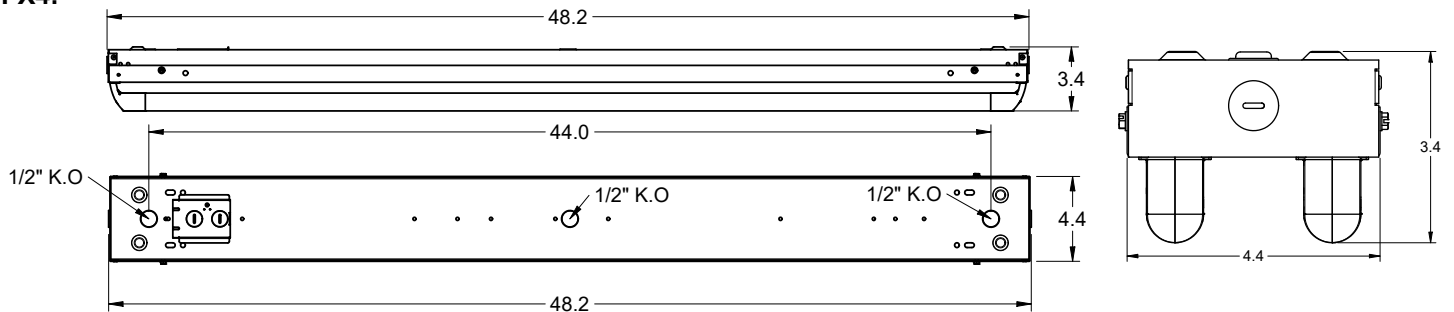
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LINE DRAWING

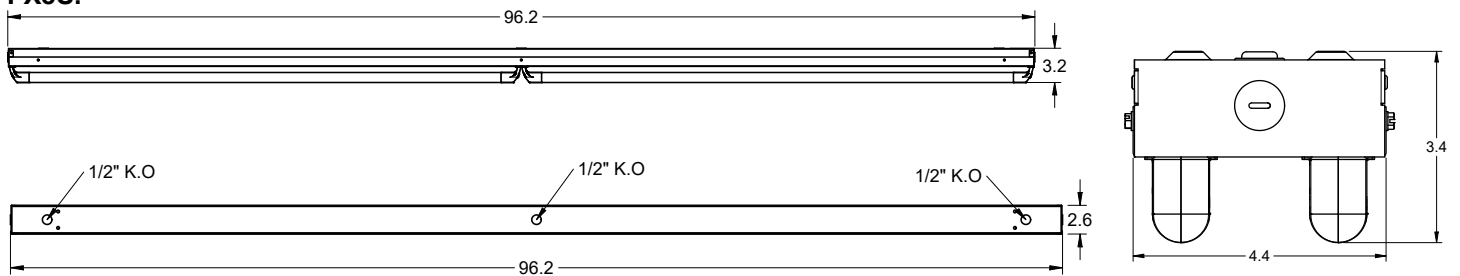
FX4S:



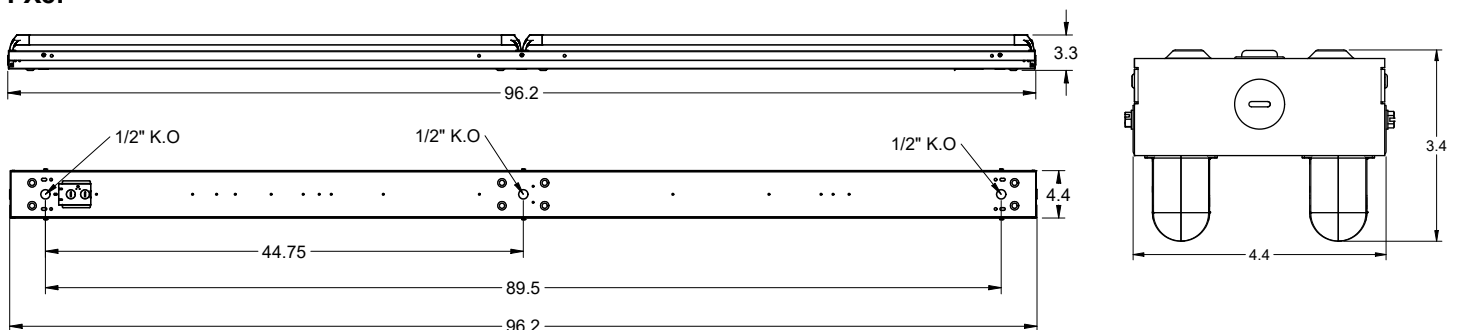
FX4:



FX8S:



FX8:

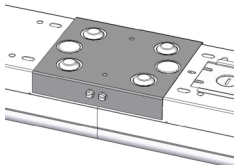


FX LOW PROFILE STRIP

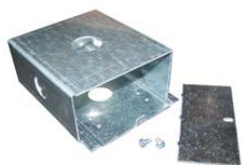
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MOUNTING OPTIONS

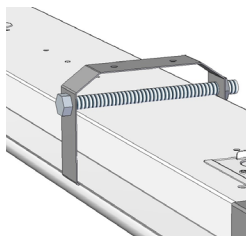
- **ALBR** - Alignment Bracket (Used to align fixtures mounted in continuous rows)
- **FMB** - Fixture Mounting Box (1 per 4ft Section)
- **QMBR** - Quick Mount Bracket for Surface Mounting (Set of 2)
- **HUB 3/4** - Conduit Hub 3/4" (1 per 4ft Section) Use with FMB
- **VC** - V-Clips for Chain Hanging



ALBR



FMB



QMBR



HUB 3/4 CONDUIT



VC

PHOTOMETRIC REPORTS

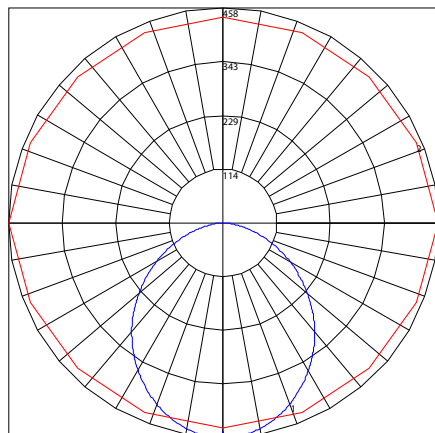
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FXS4-12W-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.4%
EFFICIENCY (Uplight):	4.6%
CIE CLASSIFICATION:	SEMI-DIRECT
LUMENS/LAMP:	1809
INPUT WATTS:	12.3575

PLANE AND CONE DIAGRAM



Maximum Candela = 457.9 Located At Horizontal Angle = 0, Vertical Angle = .5
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)

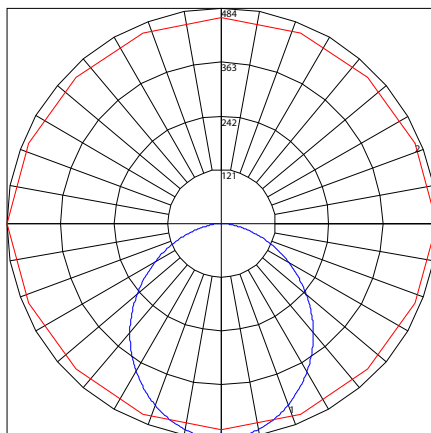
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FX4-12W-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.8%
EFFICIENCY (Uplight):	4.2%
CIE CLASSIFICATION:	SEMI-DIRECT
LUMENS/LAMP:	1821
INPUT WATTS:	12.4207

PLANE AND CONE DIAGRAM



Maximum Candela = 483.6 Located At Horizontal Angle = 0, Vertical Angle = 1
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

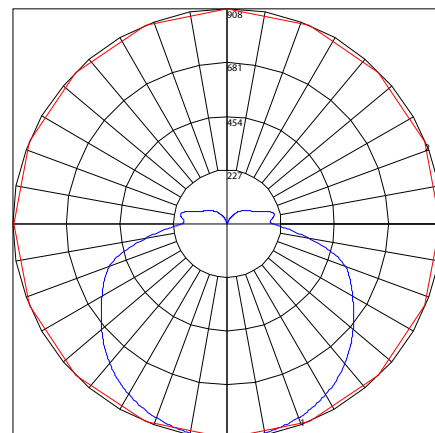
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FX4-24W-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.9 %
EFFICIENCY (Uplight):	4.1 %
CIE CLASSIFICATION:	SEMI-DIRECT
LUMENS/LAMP:	3508
INPUT WATTS:	24.63

PLANE AND CONE DIAGRAM



Maximum Candela = 907.5 Located At Horizontal Angle = 90, Vertical Angle = .5
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)

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

FX LOW PROFILE STRIP

INDUSTRIAL

PHOTOMETRIC REPORTS

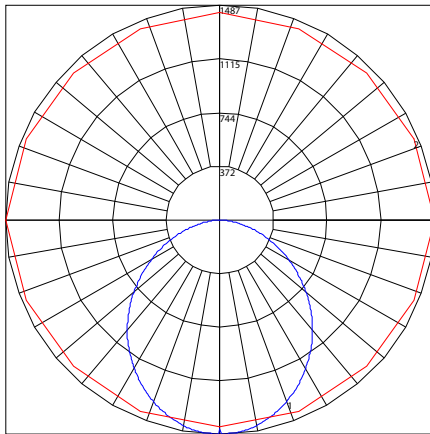
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FX4-36W-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	94.9 %
EFFICIENCY (Uplight):	5.1 %
CIE CLASSIFICATION:	SEMI-DIRECT
LUMENS/LAMP:	5121
INPUT WATTS:	37.0193

PLANE AND CONE DIAGRAM



Maximum Candela = 1487. Located At Horizontal Angle = 0, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

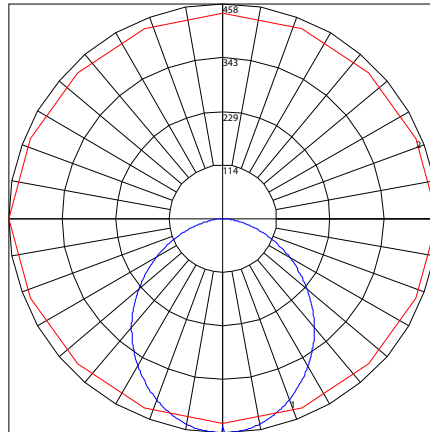
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FX8-24W-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.3%
EFFICIENCY (Uplight):	4.7%
CIE CLASSIFICATION:	SEMI-DIRECT
LUMENS/LAMP:	1809
INPUT WATTS:	12.3575

PLANE AND CONE DIAGRAM



Maximum Candela = 457.9. Located At Horizontal Angle = 0, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

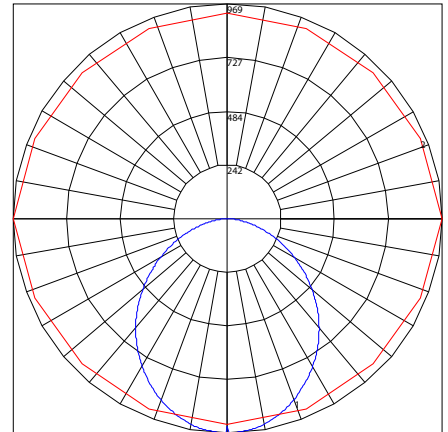
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FX8-24W-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.6%
EFFICIENCY (Uplight):	4.4%
CIE CLASSIFICATION:	SEMI-DIRECT
LUMENS/LAMP:	3657
INPUT WATTS:	24.5415

PLANE AND CONE DIAGRAM



Maximum Candela = 968.8. Located At Horizontal Angle = 0, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

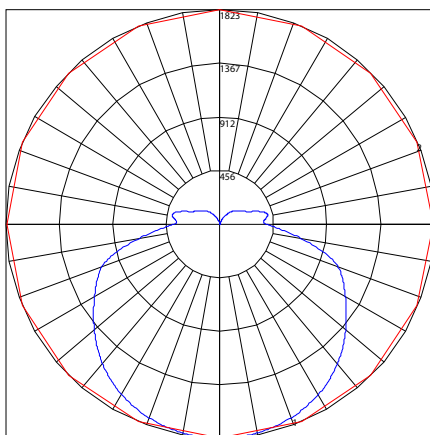
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FX8-48W-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.9 %
EFFICIENCY (Uplight):	4.1 %
CIE CLASSIFICATION:	SEMI-DIRECT
LUMENS/LAMP:	7110
INPUT WATTS:	49.46

PLANE AND CONE DIAGRAM



Maximum Candela = 1823. Located At Horizontal Angle = 90, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

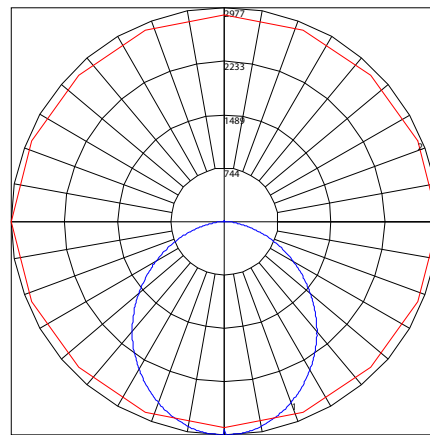
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FX8-72W-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	94.7 %
EFFICIENCY (Uplight):	5.3 %
CIE CLASSIFICATION:	SEMI-DIRECT
LUMENS/LAMP:	10286
INPUT WATTS:	74.14

PLANE AND CONE DIAGRAM



Maximum Candela = 2977. Located At Horizontal Angle = 0, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

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