



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
- 120-277V Universal Voltage (Non-Dimmable)
- High Efficacy - Up to 152 lm/W
- 4000K & 5000K CCT
- 5 Year Warranty
- ETL Damp & Dry Location Listed
- DesignLights Consortium® Premium Qualified Luminaire



SUITABLE APPLICATIONS

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

ORDERING GUIDE:

SERIES	WATTS	DRIVER	CCT
FXS4 Low Profile Slim Strip 4ft	12W	U 120-277V	50 40
FX4 Low Profile Strip 4ft	12W 24W 36W		
FXS8 Low Profile Slim Strip 8ft	24W		
FX8 Low Profile Strip 8ft	24W 48W 72W		

OPTIONS		CONTROLS OPTIONS	
Factory Installed		Basic	
EM5	Factory Installed 5W Battery Backup	FIOS ²	On/Off Occupancy Sensor
EM10	Factory Installed 10W Battery Backup	FIOSPC ²	User Select Bi-Level Dim Occ. Sensor
CORDx	Cord (x = ft)	BD50 ^{2,3}	Preset Bi-Level Dim Sensor (xx=% eg. 20,30)
CORD/6FT/L7-15P	Cord 6ft with 277V Twist Lock Plug	BD30 ^{2,4}	Preset Bi-Level Dim Sensor w/ Photocell (xx=% eg. 20,30)
RACEWAY/3WIRE	3 Wire Raceway Wiring Harness for Continuous Wiring Through Fixture		
SD347 ¹	347V Step Down Transformer		
SD480 ¹	480V Step Down Transformer		
SP	Surge Protector - 10KVA 120 - 277VAC		
Ship With Accessories			
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		

¹ Does not qualify for DLC
² End Fixture Mounted

³ Available with FX4-24W, FXS8-48W, FX8-24W & FX8-48W only
⁴ Available with FX4-36W & FX8-72W only

QUICK SHIP ITEMS:

SERIES	WATTS	DRIVER	CCT
FX4 Low Profile Strip 4ft	24W	U 120-277V	50 40



Warehouse-Lighting.com
 2750 South 163rd St New
 Berlin, WI 53151

Warehouse-Lighting.com
 Phone: 888-454-4480
info@warehouse-lighting.com

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LED SYSTEMS INFO

LED SYSTEMS INFORMATION ¹	4000K		5000K		Watts ²	Watts ²	DLC Listing	Replaces
	Part Numbers	Lumens	Efficacy	Lumens				
FXS4-12W	1,809 lm	146 lm/W	1,837 lm	150 lm/W	12 W	12 W	Standard	1T8
FX4-12W	1,821 lm	147 lm/W	1,836 lm	148 lm/W	12 W	12 W	Standard	1T8
FX4-24W	3,508 lm	142 lm/W	3,746 lm	152 lm/W	25 W	25 W	Standard	2T8
FX4-36W	5,121 lm	136 lm/W	5,163 lm	137 lm/W	37 W	37 W	Standard	3T8
FXS8-24W	3,634 lm	148 lm/W	3,723 lm	151 lm/W	25 W	25 W	Standard	1T5HO
FX8-24W	3,657 lm	149 lm/W	3,687 lm	150 lm/W	25 W	25 W	Standard	2T8
FX8-48W	7,110 lm	144 lm/W	7,168 lm	145 lm/W	49 W	49 W	Standard	2T5HO
FX8-72W	10,290 lm	139 lm/W	10,375 lm	140 lm/W	74 W	74 W	Standard	4T8

¹LED Chips are frequently updated therefore values are nominal

²Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

SPECIFICATIONS

CONSTRUCTION

White steel body for maximum rigidity and durability. Knockouts positioned on top and side of housing for convenient wiring accessibility. 4ft & 8ft lengths are available with Slim (2.9") and Wide (4.4") widths.

ELECTRICAL

Patent Pending light engine module design encompasses integrated LED module and driver in one piece construction. Calculated L70 > 100,000hrs. Power Factor > 0.90. Standard 120-277 Vac non-dimmable modules. 10kVA surge protector option available.

MOUNTING

Surface, Suspended and Conduit mounting options.

WARRANTY

5 Year Warranty (Terms and Conditions apply)

OPTICS

Standard impact resistant frosted polycarbonate lens for durability and LED glare reduction.

CONTROLS

Factory installed on/off, photocell and bi-level dimming options. Sensor mounts on the end of the fixture body.

CERTIFICATIONS

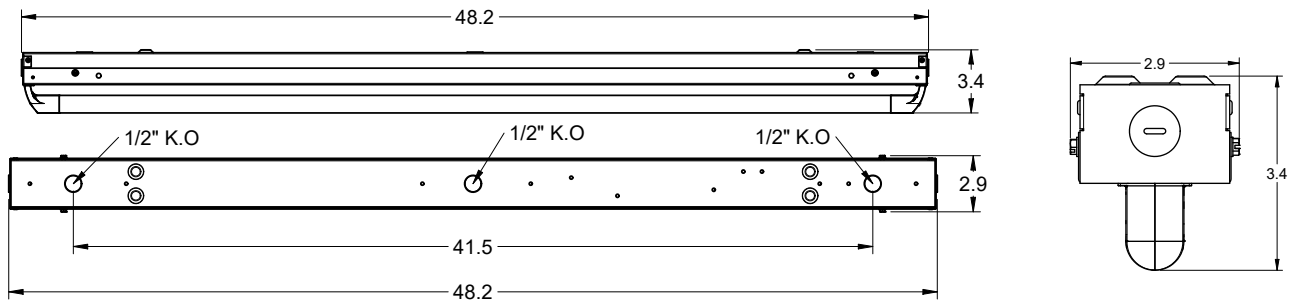
UL Listed to US and Canadian safety standards. Suitable for damp locations. DLC (DesignLights Consortium) Premium Qualified. Please refer to the DLC Qualified Products List at www.Designlights.org/QPL to confirm specific product qualifications.

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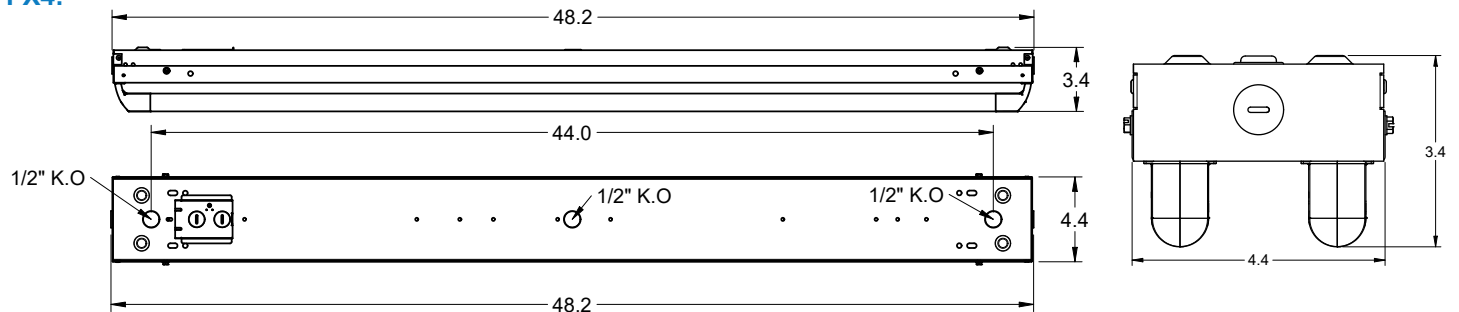
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LINE DRAWING

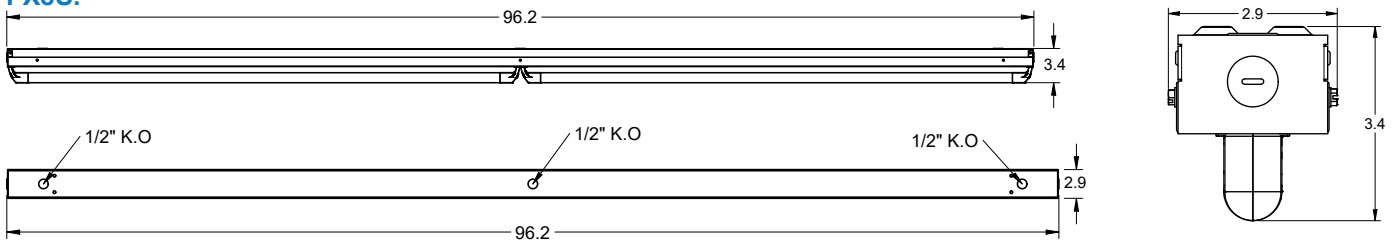
FX4S:



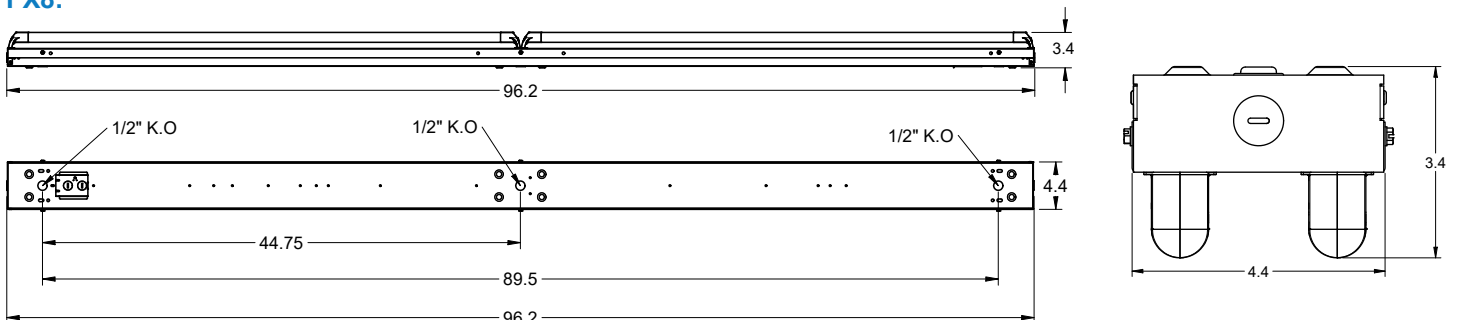
FX4:



FX8S:



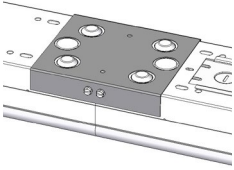
FX8:



FX LOW PROFILE STRIP

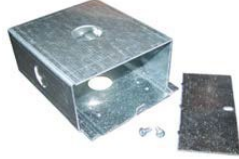
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MOUNTING OPTIONS



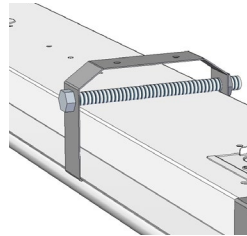
ALBR

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

Conduit Hub 3/4"
(1 per 4ft Section)
Use with FMB



VC

V-Clips for Chain Hanging

PHOTOMETRIC REPORTS

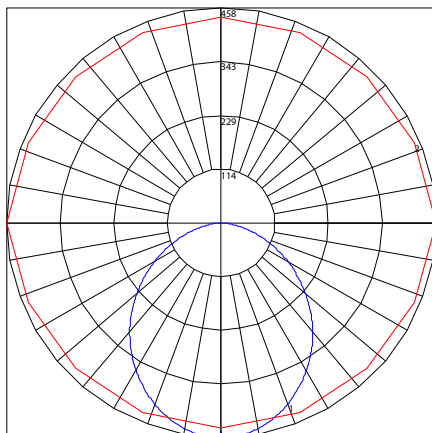
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

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.)

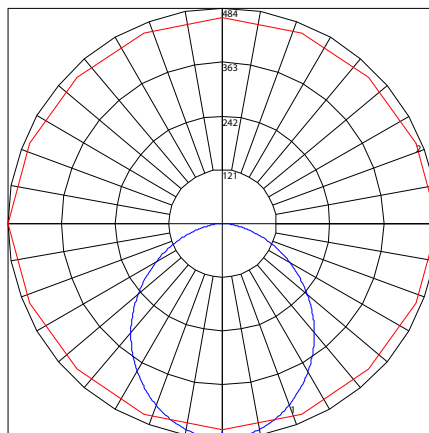
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

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.)

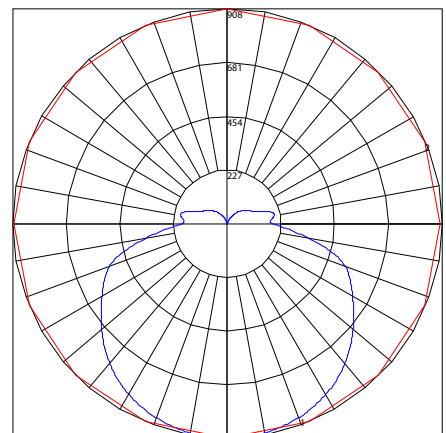
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

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

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PHOTOMETRIC REPORTS

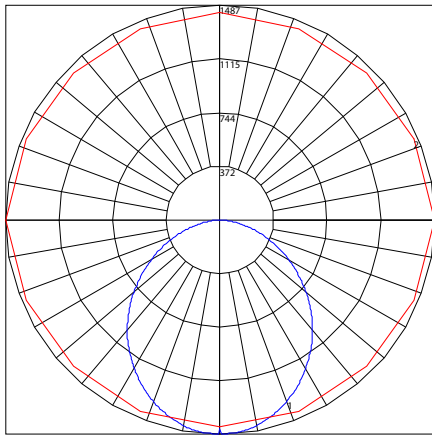
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

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



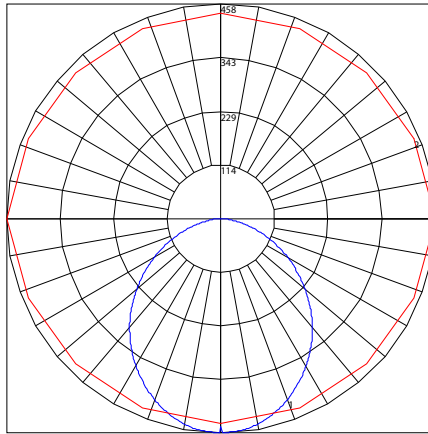
Maximum Candela = 1487 Located At Horizontal Angle = 0, Vertical Angle = 1
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

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



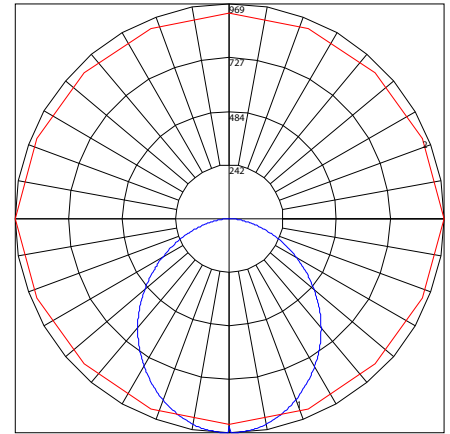
Maximum Candela = 457.9 Located At Horizontal Angle = 0, Vertical Angle = 5
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

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



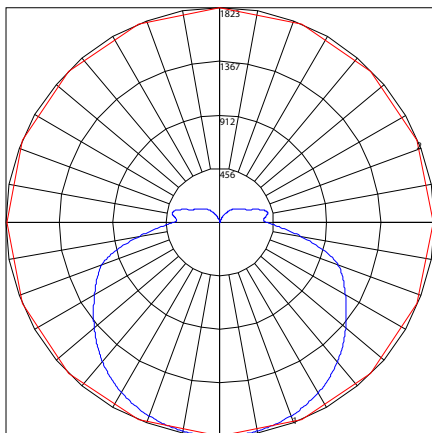
Maximum Candela = 968.8 Located At Horizontal Angle = 0, Vertical Angle = 1
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

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



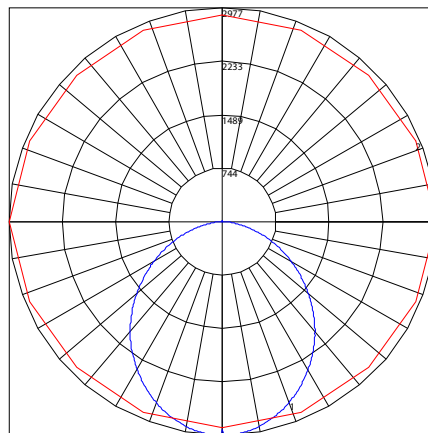
Maximum Candela = 1823 Located At Horizontal Angle = 90, Vertical Angle = 5
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

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.)