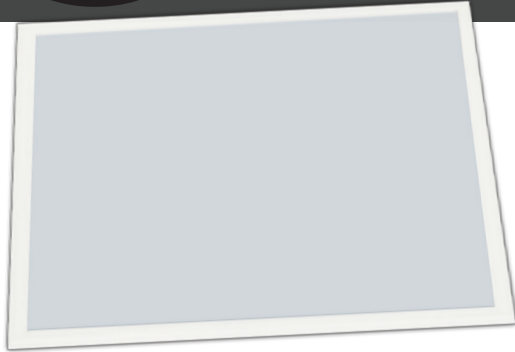# LED EDGE LIT FLAT PANEL LIGHT (ELFP)

PRODUCT HIGHLIGHTS

- Direct unit with balanced illumination and superior, low angle brightness control
- Outstanding heat dissipation helps reduce the luminous degredation and extend lifespan
- Long life, high brightness LEDs virtually eliminate maintenance
- RoHS compliant, recyclable "green" design

EXPECTED LIFE: Projected life of at least 50,000 hours

LEDs: High quality top tier LED chips are super bright. Available in 5000K, 4000K, 3500K, and 3000K color temperatures. CRI ≥ 80

HOUSING: Elegant white painted aluminum frame with integral NEC-compliant earthquake clips and tie down points

LENS: Proprietary Laser etched PMMA Light Guide Plate for uniform lighting

INSTALLATION: Unit simply lifts through grid ceiling and rests on T-bars. Driver attaches with quick connect adaptors.

ELECTRICAL: Universal Voltage (120-277 Vac) Input 50/60 Hz. Power factor > 0.95

DRIVER: High-performance isolated driver features over-voltage, over-current and short-circuit (with auto-recovery) protection. Class A sound rating. 0-10 volt dimming standard (10% - 100%)
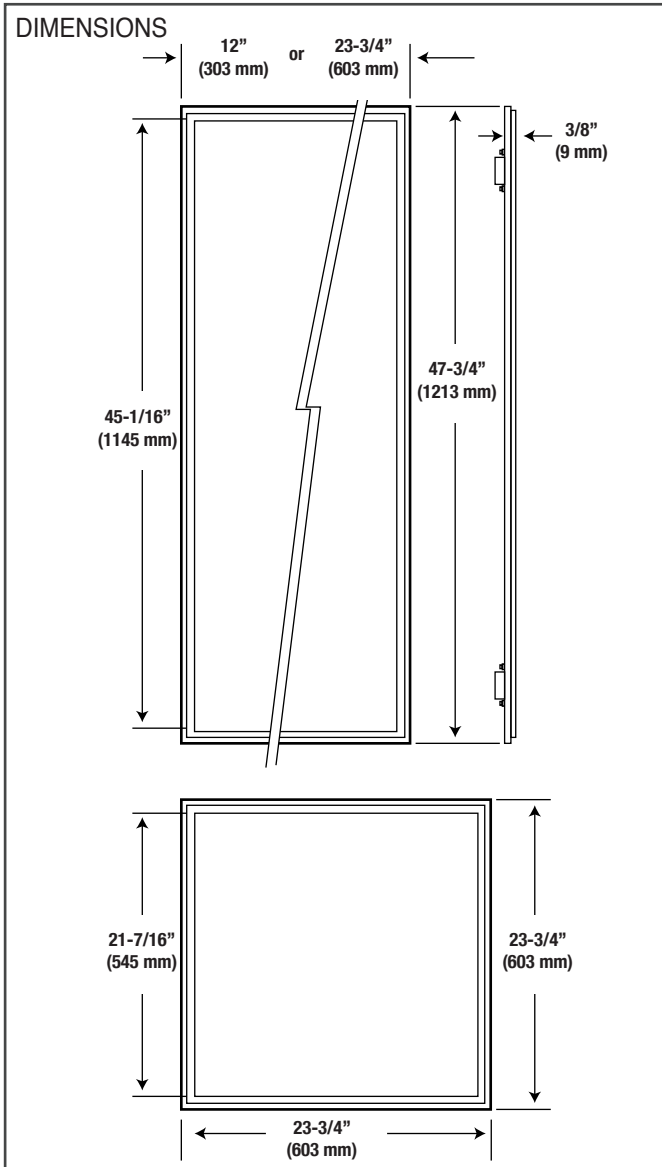
OPERATING TEMPERATURE: -20ºC through 45ºC (-14ºF through 113ºF)

WARRANTY: LSI LED fixtures carry a 5-year limited warranty.

PHOTOMETRICS: Please visit our web site at www.lsi-industries.com for detailed photometric data

SHIPPING WEIGHT: 1x4 = 12 lbs, 2x2 = 11 lbs. 2x4 = 22 lbs

LISTINGS: cULus, cETLus, CE, listed. IC-rated, Suitable for Damp Locations

DIMENSIONS

12" (303 mm) or 23-3/4" (603 mm)

3/8" (9 mm)

45-1/16" (1145 mm)

47-3/4" (1213 mm)

21-7/16" (545 mm)

23-3/4" (603 mm)

23-3/4" (603 mm)

LIGHT OUTPUT - ELFP

| | Lumens (nominal) | | | |
	3500K	4000K	5000K	Watts
ELFP14 -(1X4)	3749	4073	4110	36
ELFP22 -(2X2)	3604	3625	3986	36
ELFP24 -(2X4)	4789	4863	4924	45

LED Chips are frequently updated, so values may increase.

Project Name _____ Fixture Type _____ Cat# _____

11/09/16
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LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **ELFP24   LED   40   UE**

Prefix	Light Source	Color Temperature	Input Voltage
ELFP14 - (1x4) ELFP22 - (2x2) ELFP24 - (2x4)	LED	30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K	UE - Universal Voltage (120-277V)

ACCESSORY ORDERING INFORMATION   (Accessories are field installed)

Description	Order Number
Flange Kit - 2x4	FK24
Flange Kit - 2x2	FK22
Flange Kit - 1x4	CF (consult factory)
Surface Mount Kit - 2x4	ELFPSMK24
Surface Mount Kit - 2x2	ELFPSMK22
Surface Mount Kit - 1x4	ELFPSMK14
Aircraft Cable Kit - 1x4/2x4	ELFPACK6
Aircraft Cable Kit - 2X2	ELFPACK4
8.5 Watt Emergency Battery	625074

APPROVED DIMMING CONTROLS

Manufacturer	Product	Model
Leviton	Illuma Tech	IP710-LFZ
Leviton	Illuma Tech	IP710-DL
Lutron	Maestro	MS-Z101

FRAME KITS FOR SURFACE MOUNT PANELS

Item	Part No. & Specification
	Part: ELFPSMK14 For 12" x 47.76" panel surface mounted Dimension: 12.21" x 48.03" x 2.17" White color finished
	Part: ELFPSMK22 For 23.74" x 23.74" panel surface mounted Dimension: 24.02" x 24.02" x 2.17" White color finished
	Part: ELFPSMK24 For 23.74" X 47.76" panel surface mounted Dimension: 24.02" x 48.03" x 2.17" White color finished

HANGING STEEL WIRE FOR PANELS

Item	Part No. & Specification
	Part: ELFPACK4 1 set with 4pcs 1.5m stell wire, 4pcs wire lock, 4pcs plastic nails 4pcs screw Use for 2x2 square panel hanging installation
	Part: ELFPACK6 1 set with 6pcs 1.5m stell wire, 6pcs wire lock, 6pcs plastic nails 6pcs screw Use for 1x4 and 2x4 rectangle panel hanging installation