



Field Selectable Troffer (OPT FS)

Recessed Center Basket Lens



OVERVIEW

Lumen Range (lm)	2,950 - 6,750
Wattage Range(W)	25 - 48
Efficacy Range (LPW)	120 - 144
Weight lbs (kg)	OPT22 - 9 (4.1) OPT24 - 15 (6.8)

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- High-transmission polycarbonate radius lens eliminates bright spots from individual LED's and provides high vertical illumination and visual comfort. Polycarbonate material also provides impact resistance.
- Available in 3500K, 4000K or 5000K CCT as well as three different lumen output levels, all in one unit using two externally accessible slider switches. The switches can be easily accessed to change the CCT or lumen output before, during or after install depending on the desired light level and color temperature for the application.
- Minimum CRI of 80

Optical System

- High-transmission diffuse acrylic radial lens eliminates bright spots from individual LEDs and provides high vertical illuminance and visual comfort.
- State of the art LED chips for reliability and extended lumen maintenance

Electrical

- 0-10V volt dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz.
- L70 Calculated Life: >50k Hours
- Total harmonic distortion (THD): <20%
- Power factor (PF): >.90

- Optional 120V-277V integral battery pack is available. Battery backup provides 90 min. of standby lighting in the event of power loss. A remote test switch/indicator button is installed in the housing for ease of maintenance.
- This unit is Non-IC Rated

Controls

- Available with AirLink™ Blue. AirLink Blue (ALB) is a low-power wireless Bluetooth mesh control system. ALB provides significant energy savings while ensuring code compliance and security.
- The optional integrated AirLink Blue fixture controller (ALBC) is used to dim the fixture based on motion or daylight levels continually monitored by external ALB sensors. Available with 3rd party controls. Check out the ordering guide for compatibility.

Installation

- Rigid reflector and end sections are die-formed cold rolled steel for consistency and strength.
- Fixture backplate includes integral T-bar clips for installation onto standard 15/16" and narrow 9/16" T-grid ceilings.
- Default settings for fixture are 4000K and High lumen output.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.
- 1 Year warranty on optional Battery Backup. Test regularly in accordance with local codes.

Listings

- Listed to UL® 1598 and UL® 8750.
- RoHS Compliant.
- Title 24 Compliant; see local ordinance for qualification information.
- IC Rated for direct contact with building insulation.
- Suitable For Damp Locations.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

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Type : _____

 Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: LPEC14 LED 75L UNV DIM1 TW ALBC U						
Prefix	Light Source	Lumen Package	Voltage	Driver	Color Temperature	Options
OPT22 - 2x2	LED	FS1 - Field Selectable ^{1,2}	UNV - 120 - 277VAC	DIM - Dims to 10% (0-10 volt dimming)	Blank - Field Selectable ³	Blank - None ALBC - Integrated AirLink™ Blue Fixture Controller AVCM - Avi-on IFA integrated wireless controller 5 Amp 120-277VAC EM - 10W Emergency Backup EMCP - 10W Emergency Backup (Plenum Rated) FC15D - 6' 3/8 (5) #18 Leads (for use in dimming applications) FC16D - 6' 3/8 (6) #18 Leads (for use in dimming applications with EM) ⁵ CPL - Chicago Plenum
OPT24 - 2x4		FS2 - Field Selectable ^{1,2,4}				



Need more information?
[Click here for our glossary.](#)

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ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Part Number	Description
M20028	Flange Kit 2x4
M20027	Flange Kit 2x2
772276	SMK22 - 2x2 Surface Mount Kit
772278	SMK24 - 2x4 Surface Mount Kit

PERFORMANCE

Delivered Lumens - OPT 2X2 FS1							*Default Setting
Lumen Package	3500K		4000K		5000K		
	Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW	
25W	2,970	124	3,248	135	3,053	127	
30W	3,616	120	3,954	136	3,717	124	
34W	4,026	123	4403*	135	4,139	127	

Electrical Data - Current Draw AMPS				
Lumen Package	120V	208V	240V	277V
25W	0.3A	0.2A	0.1A	0.1A
30W	0.3A	0.1A	0.1A	0.1A
34W	0.2A	0.1A	0.1A	0.1A

Delivered Lumens - OPT 2X4 FS2							*Default Setting
Lumen Package	3500K		4000K		5000K		
	Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW	
38W	5,005	132	5,441	144	5,130	136	
43W	5,639	126	6,130	142	5,780	130	
48W	6,203	129	6743*	140	6,358	132	

Electrical Data - Current Draw AMPS				
Lumen Package	120V	208V	240V	277V
38W	0.3A	0.2A	0.2A	0.1A
43W	0.4A	0.2A	0.2A	0.2A
48W	0.4A	0.2A	0.2A	0.2A

Delivered Lumens - OPT 2X4 FS1							*Default Setting
Lumen Package	3500K		4000K		5000K		
	Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW	
25W	3243	131	3452	142	3356	136	
30W	3824	127	4066	140	3964	132	
34W	4230	124	4509*	137	4383	129	

Electrical Data - Current Draw AMPS				
Lumen Package	120V	208V	240V	277V
25W	0.2A	0.1A	0.1A	0.1A
30W	0.3A	0.1A	0.1A	0.1A
34W	0.3A	0.2A	0.1A	0.1A

1 Refer to performance table for delivered lumens based on Wattage/CCT Combination

2 Default setting is highest wattage

3 Default setting is 4000K

4 Only available with OPT24

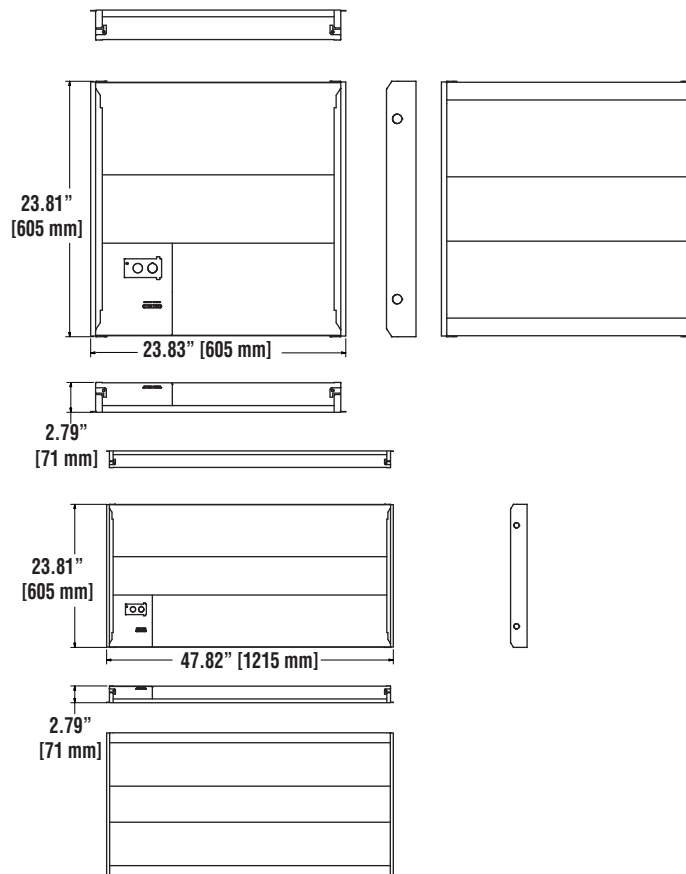
5 Available with EM/EMCP only

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DIMENSIONS



Shipping Weights	
OPT22 FS	10 lbs (4.5 kg)
OPT24 FS	16 lbs (7.3 kg)