



Peak Efficiency (PEC)

Recessed Direct/Indirect Troffer



OVERVIEW

Lumen Package (lm)	2,950 - 10,950
Wattage Range (W)	34 - 86
Efficacy Range (LPW)	87 - 127
Weight lbs (kg)	21 (9.5) - 25 (11.4)
Controls	ALB

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Formed code-gauge steel housing, painted after fabrication. Integral NECcompliant earthquake clips are standard.
- All metal parts painted after fabrication following treatment with phosphate rust inhibitor. Finish coating of housing reflecting surfaces is with high-reflectance (minimum 92%) polyester powder.
- Matte white reflectors for soft indirect light distribution.

Optical System

- Choice of Perforated metal shield (RPW), perforated metal shield with flat blade louver (LPW) or high transmittance acrylic with built-in litter and debris protection (RAD).
- Use of closely-spaced medium-power, high-brightness chips minimizes pixelation and provides uniform lens luminance.
- Available in Cool White (5000K), Neutral White (4000K) and Warm White (3500K) color temperatures. Contact factory for non-standard color temperatures.

- Available with up to 11,000 lumens (VHO-CW)
- Direct/Indirect unit with balanced illumination and superior, low angle brightness control
- Long life, high brightness LEDs virtually eliminate maintenance.
- CRI \geq 80. LM-80 reports available.

Electrical

- Universal voltage (120-277 VAC, 50/60 Hz input), 347 VAC. Power factor $>$ 0.9, THD $<$ 20%, in-rush current $<$ 15 Amps.
- Cooler running electronic components allow for improved lumen performance.
- High-performance isolated driver features over-voltage, over-current and short circuit (with auto-recovery) protection.
- Driver module is sealed to IP66 protection levels, with a Class A sound rating. 0-10V dimming standard.

Installation

- Unit simply lifts through grid ceiling and rests on T-bars. Wiring access/strain relief plate attaches with one screw, allowing connections to be made from below the ceiling.
- Flange Kits available for recessed mounting into drywall ceilings.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Suitable For Damp Locations.
- RoHS compliant, recyclable "green" design contains no mercury or other hazardous materials

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Type: _____

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

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: PEC24 LED SS LPW WW UE

Prefix	Light Source	Lumen Package	Shield	Color Temperature	Voltage	Options
PEC14 - (1x4) PEC22 - (2x2) PEC24 - (2x4)	LED	SS - Super Saver HO - High Output VHO - Very High Output ¹	LPW - Louvered Perforated White RAD - Round Acrylic Diffuser RPW - Round Perforated White Shield	CW - Cool White (5000K) NW - Neutral White (4000K) WW - Warm White (3500K)	UE - Universal Input Voltage (120-277V) 347-347V	FC1 - 6' 3/8" (3) #18 leads (Other Types Available) EM - 10W Emergency SD50 - Step Dimming to 50% LDE5 - Lutron 5-Series LDE1 - Lutron Hi-lume 1% with Soft-On, Fade-to-Black FC15D - 6' 3/8" (5) #18 Leads (For use in Dimming Applications) FC16DEM - 6' 3/8" (6) #18 Leads (For use in Dimming & EM Applications)



Need more information?
Click here for our glossary

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ACCESSORY ORDERING INFORMATION

(Accessories Are Field Installed)

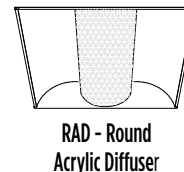
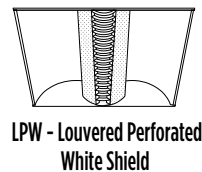
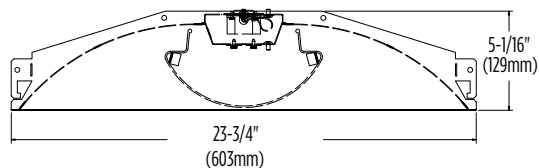
Part Number	Description
FK14	Flange Kit - 1x4
FK22	Flange Kit - 2x2
FK24	Flange Kit - 2x4

PERFORMANCE

Delivered Lumens (RAD Lens)								
Description	SS - Super Saver			HO - High Output			Wattage	
	WW	NW	CW	WW	NW	CW	SS	HO
1 x 4	2950	3145	3480	3470	3760	4175	27	34
2 x 2	3490	3540	4120	4570	4650	5370	35	45
2 x 4	4860	5070	5850	5940	6195	7120	44	55

Description	VHO ¹ - Very High Output			Wattage
	WW	NW	CW	VHO
2 x 4	9745	9410	10925	86

PRODUCT DIMENSIONS



Consult factory for additional lumen information

LED Chips are frequently updated therefore values may increase.

¹ 2x4 only