

LED PEAK EFFICIENCY RECESSED DIRECT/INDIRECT (PEC)

PRODUCT HIGHLIGHTS

- Available with up to 9400 lumens (VHO-CW)
- Direct/Indirect unit with balanced illumination and superior, low angle brightness control
- Long life, high brightness LEDs virtually eliminate maintenance.
- RoHS compliant, recyclable "green" design contains no mercury or other hazardous materials.
- Cooler running electronic components allow for improved lumen performance.

EXPECTED LIFE - Projected life of at least 60,000 hours. Contact factory for TM-21 detail.

LEDs - 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. CRI >= 80. LM-80 reports available.

HOUSING - Formed code-gauge steel housing, painted after fabrication. Integral NEC-compliant earthquake clips are standard.

LENS - 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).

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.

ELECTRICAL - Universal voltage (120-277 VAC, 50/60 Hz input), 347 VAC. Power factor > 0.9, THD < 20%, in-rush current < 15 Amps.

DRIVER - 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.

FINISH - 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.

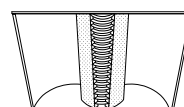
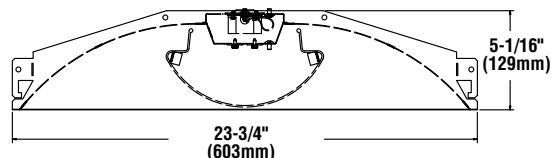
WARRANTY - Limited 5-year warranty.

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

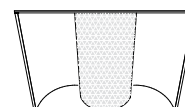
LISTING - Listed to UL1598 and UL 8750. Suitable for damp locations. IC rated.



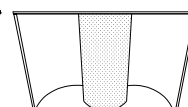
DIMENSIONS



LPW - Louvered Perforated White Shield



RAD - Round Acrylic Diffuser



RPW - Round Perforated White Shield

LIGHT OUTPUT - LED PEC

Lumens (RAD Lens)								
Description	SS - Super Saver			HO - High Output			Watts	
	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
2 x 4	VHO - Very High Output			Watts				
	WW	NW	CW	VHO				
	9745	9410	10925	86				
Consult factory for additional lumen information								

LED Chips are frequently updated therefore values may increase.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **PEC24 LED SS LPW WW UE**

Prefix	Light Source	Drive Current	Shield	Color Temperature	Input 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 - 1100 LM Emergency SD50 - Step Dimming to 50% LDE5 - Lutron® EcoSystem™ Series 5 (5% dimming) LDE1 - Lutron EcoSystem™ Series H (1% dimming) L3D - Lutron Hi-lume™ A Series (1% dimming)

ACCESSORY ORDERING INFORMATION

(Accessories are field installed)

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

¹ - 2x4 only

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Project Name _____ Fixture Type _____
Catalog # _____

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