



RECESSED FPA620 (2X2)

® LED RECESSED TRIM FLANGED LUMINAIRE



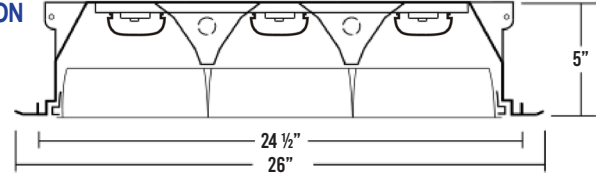
JOB	
TYPE	
DATE	

Recessed Trim Flanged Luminaire

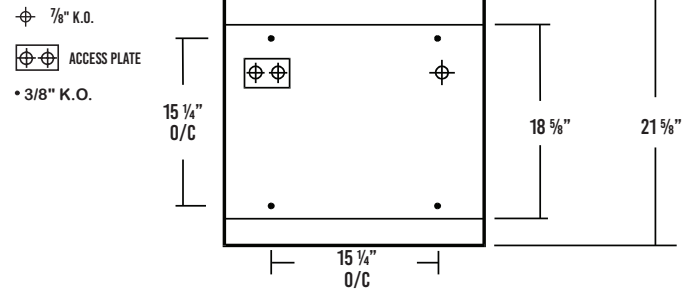


Overall dimensions including flange: 26" x 26"
Required ceiling opening: 24 1/2" x 24 1/2"

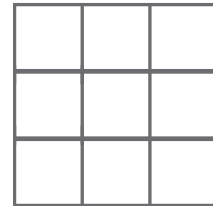
CROSS SECTION



BACKPLATE



S9 LOUVER CONFIGURATION (3 ROWS, 9 CELLS)



SPECIFICATIONS

Construction

- 22 gauge cold-rolled steel housing
- 18 gauge one-piece welded trim flange
- Louvers secured to housing by T-hinges and latches
- One-way polyurethane gasket between housing and louver

Finish

- Baked white polyester finish
- Minimum reflectance 86%
- Trim flange: baked white powder coated finish
- Parabolic louvers: Semi-Specular low iridescent aluminum finish

Optical

- Frosted white acrylic lens covering the LED Row
- Nominal 3" deep aluminum parabolic louvers

Electrical

- High-efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) $\leq 20\%$

Listing

- UL USA and Canada listed / suitable for damp locations

Warranty

- 5-Year limited warranty standard. 10-Year limited warranty also available

APPLICATIONS

- Commercial, Office

FEATURES

- 0-10V Dimming Driver Standard
- Supports California Title 24 Compliance

OPTIONS

- Customization available upon request
- Wireless Control Options
- White louvers (other colors also available)
- Emergency Battery Pack
- Tunable white
- 20 gauge cold rolled steel housing
- Custom colors
- Hanger yokes



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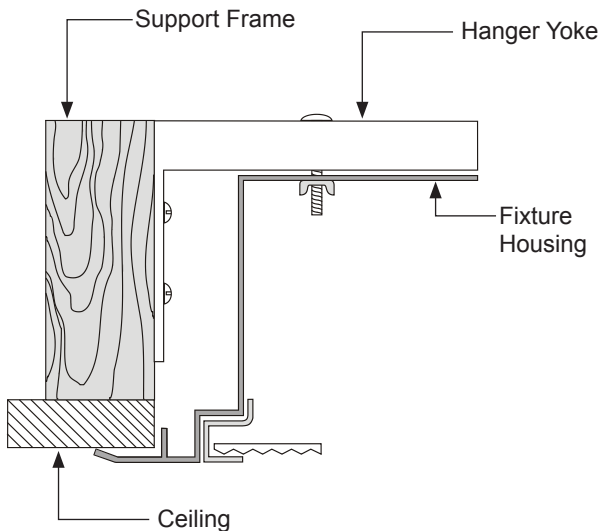


ORDERING INFORMATION: Additional Options Available. Visit www.lalighting.com/resources for more information**EXAMPLE: FPA620-2-2L-S9-DRDM-UNV-3/840**

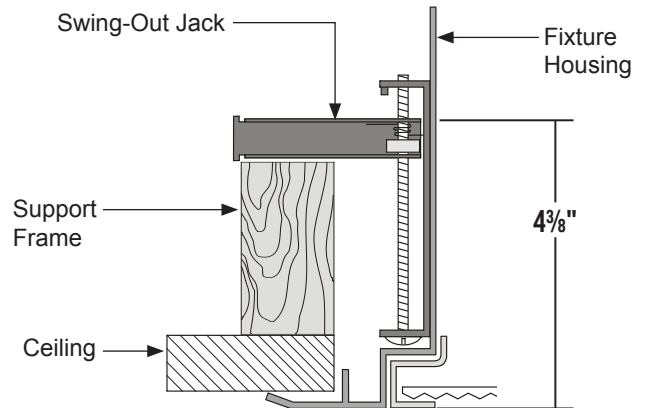
SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	MATERIAL / FINISH	LOUVER CONFIGURATION	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
FPA620		2L		S9		DRDM	UNV	3	
FPA620 • Recessed Parabolic Troffer for Hard Ceilings	2 - 2000lm 3 - 3000lm 4 - 4000lm 6 - 6000lm 8 - 8000lm High Efficacy 2HE - 2000lm 3HE - 3000lm 4HE - 4000lm 6HE - 6000lm 8HE - 8000lm <i>Contact customer service for additional lumen packages</i>	2L • 2' x 2'	20G • 20 Gauge Cold-Rolled Steel Housing <i>Leave blank for standard 22 gauge cold-rolled steel housing</i>	S9 • Semi-Specular Low Iridescent Aluminum; 3 Rows of 3 Cells <i>White and other louver colors also available. Contact Customer Service</i>	BPL1.5 • 1500 lm Emergency Battery Pack WLC(LED RU) • EnOcean Wireless Control *Leave blank if not specified	DRDM • 0-10V Dimming Driver	UNV • 120V-277V 120V • 120 Volt 277V • 277 Volt 347V • 347 Volt 480V • 480 Volt	3 • Three LED Rows	827 • 80+CRI / 2700K 830 • 80+CRI / 3000K 835 • 80+CRI / 3500K 840 • 80+CRI / 4000K 850 • 80+CRI / 5000K 865 • 80+CRI / 6500K 8TW • 80+CRI Tunable White 2700K-6500K <i>90CRI Also available</i> <i>Contact customer service for additional CRI/CCT packages, including 90 CRI</i>
<i>Standard options for FPA620 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.</i>									

MOUNTING HARDWARE**HANGER YOKES: HS-24 1/2**

- Used to secure recessed flanged fixtures to support frame in hard ceilings
- Provided screws secure hanger yoke to fixture through knockouts in top of housing
- Two hanger yokes required for each 2' fixture.

**SWING-OUT JACKS: SOJ**

- Spring-loaded adjustable mounting brackets used to secure recessed flanged fixtures to support frame in hard ceilings
- Four swing-out jacks per set; 1 set required per fixture



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SYSTEM DATA: Additional Lumen Packages Available. Contact Customer Service for More Information

Normal Ambient Temperature	4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
	2000 Lumens (Nominal)	FPA620-2-2L-S9-DRDM-UNV-3/840	1483	13.1	113.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F24T5HO, 2-F17T8	*
	3000 Lumens (Nominal)	FPA620-3-2L-S9-DRDM-UNV-3/840	2219	19.6	113.5 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
	4000 Lumens (Nominal)	FPA620-4-2L-S9-DRDM-UNV-3/840	2943	25.8	114.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F24T5HO, 4-F17T8	LA-T3842b-1
	6000 Lumens (Nominal)	FPA620-6-2L-S9-DRDM-UNV-3/840	4357	40.4	108.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F24T5HO, 6-F17T8	*
	8000 Lumens (Nominal)	FPA620-8-2L-S9-DRDM-UNV-3/840	5723	54.4	105.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F24T5HO	*

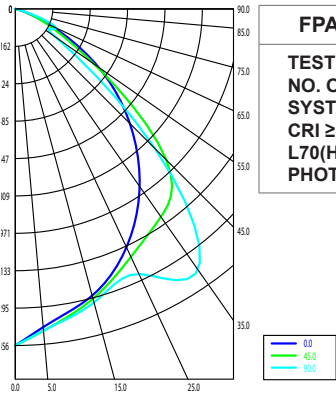
Normal Ambient Temp High Efficacy	4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
	2000 Lumens (Nominal)	FPA620-2HE-2L-S9-DRDM-UNV-3/840	1589	12.3	129.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F24T5HO, 2-F17T8	*
	3000 Lumens (Nominal)	FPA620-3HE-2L-S9-DRDM-UNV-3/840	2400	19.3	124.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
	4000 Lumens (Nominal)	FPA620-4HE-2L-S9-DRDM-UNV-3/840	2876	22.8	126.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F24T5HO, 4-F17T8	*
	6000 Lumens (Nominal)	FPA620-6HE-2L-S9-DRDM-UNV-3/840	4265	36.1	118.3 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F24T5HO, 6-F17T8	*
	8000 Lumens (Nominal)	FPA620-8HE-2L-S9-DRDM-UNV-3/840	5736	48.4	118.6 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F24T5HO	*

NOTE:
System data as of 11/02/23.
Subject to change without notice.

System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application. This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.

Additional lumen packages and color temperatures available.

PHOTOMETRIC DATA



FPA620-4-2L-S9-DRDM-UNV-3/840

TEST NO. = LA-3842b-1
NO. OF LED ROWS = 3
SYSTEM WATT (W) = 25.8
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE = C

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1054	26	36
0-40	1762	43	60
0-60	2754	67	94
0-90	2943	71	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	2943	71	100.0

SPACING CRITERION	
ALONG	ACROSS
1.07	1.43

Luminaire Output = 2943 lumens
Luminaire Efficacy = 114.0 lm/W
Luminaire Efficiency = 71.08%



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