



RECESSED LED FPA620 (2X4) SERIES

TRIM FLANGED PARABOLIC LUMINAIRE

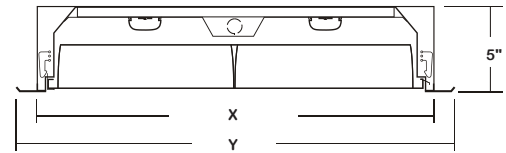
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JOB	

WWW.LALIGHTING.COM
626-454-8300

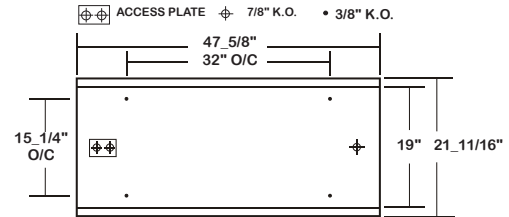
RECESSED MOUNTED LED LUMINAIRE



DIMENSIONS



Ceiling opening X-24_1/2" x 48_1/2"
Overall width by length Y-26" x 50"



APPLICATIONS

- Commercial, Office

FEATURES

- 0-10V dimming driver standard (See *DRIVER OPTIONS* for other dimming types)
- Supports California Title 24 compliance

OPTIONS

- Continuous row mounting available upon request
- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available (See *SENSOR OPTIONS* for wireless controls)
- Emergency battery pack available (See *BATTERY PACK OPTIONS* for battery pack options)
- 20 ga. cold rolled steel housing available
- Tunable white available (2700K-6500K)
- White louvers available (See *LOUVER CELL* for options)
- Painted after fabrication available
- Hanger yokes available (See *ACCESSORIES* for details)
- Swing-out jacks available (See *ACCESSORIES* for details)

SPECIFICATIONS

CONSTRUCTION

- 22 ga. cold rolled steel housing
- 18 ga. one piece welded trim flange

FINISH

- Baked white polyester finish / minimum reflectance 86%
- Trim flange: baked white powder coated finish
- Parabolic louvers: semi-specular low iridescent aluminum finish
- Door frame: black powder coated finish standard

OPTICAL

- Frosted acrylic lens covering each LED row
- Nominal 3" deep aluminum parabolic louvers

ELECTRICAL

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

LISTING

- UL USA and Canada listed / suitable for damp locations

WARRANTY

- 5-year limited warranty



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Revised 03-20-19

WARNING

ORDERING INFORMATION EXAMPLE: FPA620-6-4L-S18-DRDM-UNV-3/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
FPA620			4L				DRDM	UNV		
FPA620 Trim Flanged Parabolic LED Luminaire	4 Nom. 4000 Lumens 6 Nom. 6000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy	4L 2' x 4'	S12 12 Cell Louver, Semi-Specular Low Iridescent Silver Finish (2 LED Rows) S18 18 Cell Louver, Semi-Specular Low Iridescent Silver Finish (3 LED Rows) S24 24 Cell Louver, Semi-Specular Low Iridescent Silver Finish (3 LED Rows) S32 32 Cell Louver, Semi-Specular Low Iridescent Silver Finish (4 LED Rows) See LOUVER CELL for Options	PAF Painted After Fabrication 20G 20 ga. Cold Rolled Steel Housing *Leave Blank if Not Specified Additional Mechanical Options	BPL10 Emergency Battery Pack, Constant 10W Nom. 1500 lm See BATTERY PACK OPTIONS for Options WLC(LED RU) EnOcean Wireless Control See SENSOR OPTIONS for Options *Leave Blank if Not Specified Additional Electrical Options	DRDM 0-10V Dimming Driver See DRIVER OPTIONS for Options	UNV 120V-277V See DRIVER OPTIONS for Options	2 Two LED Rows (Only S12 Option) 3 Three LED Rows (Only S18 / S24 Options) 4 Four LED Rows (Only S32 Option)	830 80+CRI / 3000K Color Temp. 835 80+CRI / 3500K Color Temp. 840 80+CRI / 4000K Color Temp. 850 80+CRI / 5000K Color Temp. *Additional Color Temp. Available

SYSTEM DATA

THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	FPA620-4-4L-S12-DRDM-UNV-2/840	3219 lm	25.8 W	124.8 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	LA-T3428-1
6000 Lumens (Nominal)	FPA620-6-4L-S18-DRDM-UNV-3/840	4483 lm	38.3 W	117.2 lm/W	-20°C / 35°C	3-F32T8	LA-T3429-1
8000 Lumens (Nominal)	FPA620-8-4L-S12-DRDM-UNV-2/840	6430 lm	63.6 W	101.1 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	FPA620-12-4L-S18-DRDM-UNV-3/840	9518 lm	93.9 W	101.4 lm/W	-20°C / 35°C	6-F32T8, 3-F54T5HO	*

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	FPA620-4HE-4L-S12-DRDM-UNV-2/840	3158 lm	22.5 W	140.2 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	FPA620-6HE-4L-S18-DRDM-UNV-3/840	4914 lm	35.1 W	140.1 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	FPA620-8HE-4L-S12-DRDM-UNV-2/840	6240 lm	46.4 W	134.6 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	FPA620-12HE-4L-S18-DRDM-UNV-3/840	9360 lm	69.6 W	134.6 lm/W	-20°C / 35°C	6-F32T8, 3-F54T5HO	*

NOTE:
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.



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SENSOR OPTIONS



CONTROLS AND SENSORS

WLC(LED RU) - EnOcean® LED Relay Zone Controller

- Supports a single LED fixture or multiple daisy chained LED fixtures
- Module installed inside lighting fixture

ESRPU-W-EO - EnOcean® Rocker Switch – Single – Surface Mount

- Wireless single rocker switch with mounting plate
- No batteries needed

EDRPU-W-EO - EnOcean® Rocker Switch – Double – Surface Mount

- Wireless double rocker switch with mounting plate
- No batteries needed

S3054-N300 - EnOcean® Navigan NWC 300U – Commissioning Tool

- Navigan Wireless Commissioner is used to configure EnOcean controllers & sensors
- It can be used to define link tables, change parameters/settings, and to edit & store projects
- Configuration settings can be saved and cloned to enable quick configuration
- Connectivity is through the NWC 300U USB Stick

EOSWU-W-EO - EnOcean® Occupancy Sensor – Wall Mount

- Wireless wall mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with both wide angle (50') and long range (100') options
- Mounting height: 6-8 feet

EOSCU-W-EO - EnOcean® Occupancy Sensor – Ceiling Mount

- Wireless ceiling mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with 360 degree viewing angle lens (34' diameter)
- Mounting height: 7-10 feet

ELLSU-W-EO - EnOcean® Light Level Sensor – Ceiling Mount

- Light Level sensor that measures and reports the level of available natural light
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- Enables implementation of daylight harvesting control systems
- Mounting position: At the ceiling, close to ambient light source

DRIVER OPTIONS

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED DRIVER OPTION WORKS WITH THIS FIXTURE.

DRDM – UNV

* Normal Stock Item

VOLTAGE

- 120V** 120 Volt
- 277V** 277 Volt
- UNV*** Universal 120-277 Volt
- 347V** 347 Volt
- 480V** 480 Volt

DRIVER TYPE

- DRDM*** 0-10V Dimming Driver
- DRDM1** 0-10V Dimming Driver, 1% Dimming
- DRDM2C** 2-Channel 0-10V Dimming Driver (for Color Tunable White)
- DR2W** 2-Wire Phase Dimming Driver
- DRDA** Digital Addressable DALI Dimming Driver
- DRDA2C** Digital Addressable DALI Type8 2-Channel Driver (for Color Tunable White)
- DRDA2.0** Digital Addressable DALI 2.0 Dimming Driver
- DRDA2.02C** Digital Addressable DALI 2.0 Type8 2-Channel Driver (for Color Tunable White)
- DRSD** Step Dimming Driver
- DR(LTEA2W)** Lutron® 2-Wire 1% Dimming Driver (120V Forward Phase only)
- DR(LDE1)** Lutron® EcoSystem 1% Soft-On, Fade-to-Black™ Dimming Driver
- DR(LDE5)** Lutron® EcoSystem 5% Dimming Driver
- DR(PEQ0)** Lutron® EcoSystem 0.1% Soft-On, Fade-to-Black Dimming Driver
- DR(PSQ0)** Lutron® T-Series Digital 1% Dimming 2-Channel Driver (for Color Tunable White)

OF DRIVERS SPECIFIED

- (Blank)** Not Specified
- #** Number of Drivers Specified per Lighting Fixture

BATTERY PACK OPTIONS

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED BATTERY PACK OPTION WORKS WITH THIS FIXTURE.

BPL

OUTPUT WATTAGE

- 5** Constant 5W, Nominal 750 Lumens
- 10** Constant 10W, Nominal 1500 Lumens*
- 15** Constant 15W, Nominal 2250 Lumens
- 20** Constant 20W, Nominal 3000 Lumens

*Note: 10W standard when wattage is not specified

TYPE

- (Blank)** Normal Ambient Temp. / Standard Operation
- C** Cold Environment
- F** With Flex for Remote Mounting
- SL** Slim Casing
- ST** Self Test / Diagnostic



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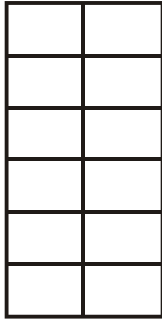
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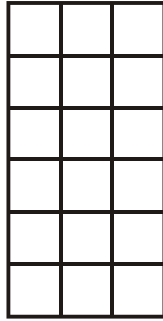
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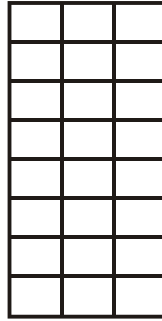
LOUVER CELL



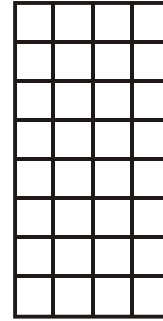
S12
12 Cell Louver
(2 LED Rows)



S18
18 Cell Louver
(3 LED Rows)



S24
24 Cell Louver
(3 LED Rows)



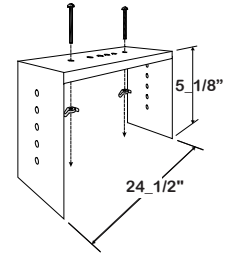
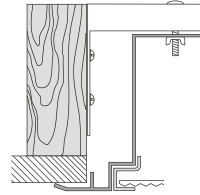
S32
32 Cell Louver
(4 LED Rows)

****WHITE LOUVERS available. Please contact the factory.****

ACCESSORIES

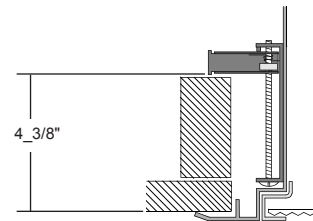
HS-24_1/2

- Hanger Yokes
- Compatible with all types of recessed flanged fixtures
- 1/4 - 20 x 3" machine screws locate into knockout on back of fixture housing
- Two (2) per fixture



SOJ

- Swing-Out Jacks
- Spring loaded adjustable mounting bracket for mounting in drywall or plaster type ceiling
- Four (4) per fixture



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