



RECESSED LED

FPA520 (2X4) SERIES (2X2 AVAILABLE)

TRIM FLANGED PARABOLIC LUMINAIRE

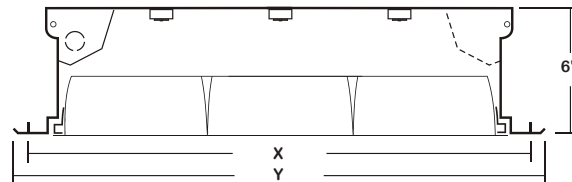
DATE	
JOB	

WWW.LALIGHTING.COM
626-454-8300

RECESSED MOUNTED LED LUMINAIRE

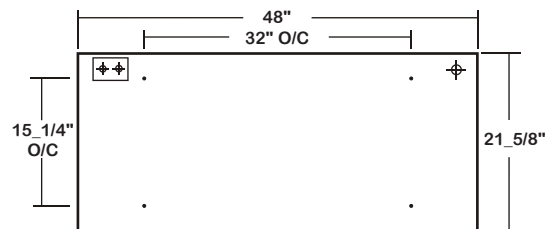


DIMENSIONS



Ceiling opening X-24 1/2" x 48 1/2"
Overall width by length Y-26" x 50"

ACCESS PLATE 7/8" K.O. • 3/8" K.O.



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
- Hanger yokes available (See *ACCESSORIES* for details)
- Swing-out jacks available (See *ACCESSORIES* for details)

SPECIFICATIONS

CONSTRUCTION

- 22 ga. cold rolled steel housing
- Door frame secured by T-hinges and positive spring loaded latches
- 18 ga. one piece welded trim flange
- One way polyurethane gasket

FINISH

- Baked white polyester finish (powder coated finish available) / 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

- Full 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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WARNING

ORDERING INFORMATION

EXAMPLE: FPA520-6-4L-S32-BPL1.5-DRDM-UNV-4/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
FPA520			4L	S32			DRDM	UNV	4	
FPA520 Trim Flanged Parabolic LED Luminaire	4 Nom. 4000 Lumens 6 Nom. 6000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens <i>*Additional Lumen Packages Available</i>	(Blank) Standard HE High Efficacy	4L 2' x 4'	S32 32 Cell Louver, Semi-Specular Low Iridescent Silver Finish (4 LED Rows) <i>See LOUVER CELL for Options</i>	20G 20 ga. Cold Rolled Steel Housing <i>*Leave Blank if Not Specified</i> <i>Additional Mechanical Options</i>	BPL1.5 Emergency Battery Pack, Nom. 1500 lm <i>See BATTERY PACK OPTIONS for Options</i> WLC(LED RU) EnOcean Wireless Control <i>See SENSOR OPTIONS for Options</i> <i>*Leave Blank if Not Specified</i> <i>Additional Electrical Options</i>	DRDM 0-10V Dimming Driver <i>See DRIVER OPTIONS for Options</i>	UNV 120V-277V <i>See DRIVER OPTIONS for Options</i>	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. <i>*Additional Color Temp. Available</i>

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)	FPA520-4-4L-S32-DRDM-UNV-4/840	*	*	*	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	FPA520-6-4L-S32-DRDM-UNV-4/840	*	*	*	-20°C / 35°C	3-F323T8	*
8000 Lumens (Nominal)	FPA520-8-4L-S32-DRDM-UNV-4/840	*	*	*	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	FPA520-12-4L-S32-DRDM-UNV-4/840	*	*	*	-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)	FPA520-4HE-4L-S32-DRDM-UNV-4/840	*	*	*	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	FPA520-6HE-4L-S32-DRDM-UNV-4/840	*	*	*	-20°C / 35°C	3-F323T8	*
8000 Lumens (Nominal)	FPA520-8HE-4L-S32-DRDM-UNV-4/840	*	*	*	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	FPA520-12HE-4L-S32-DRDM-UNV-4/840	*	*	*	-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

E DRPU-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

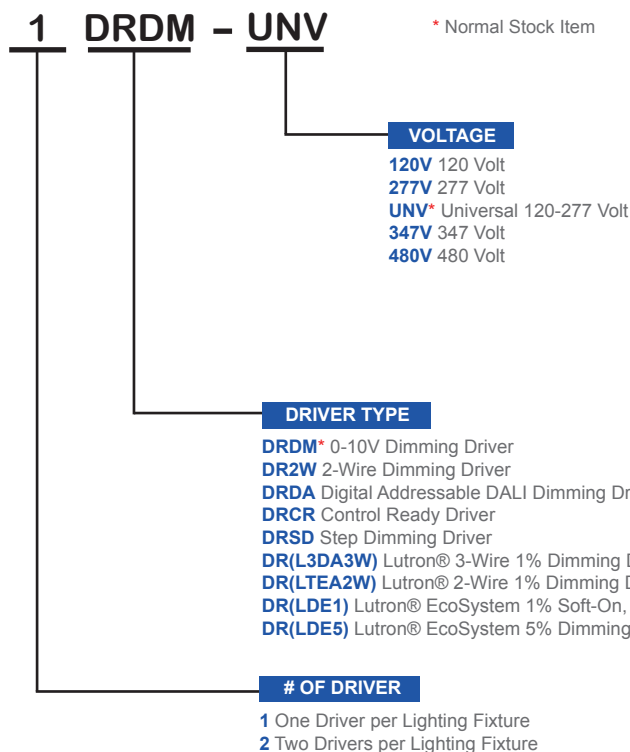
- Wireless ceiling mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with 360 degree viewing angle lens (34' diameter)
- Mounting height: 7-10 feet

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

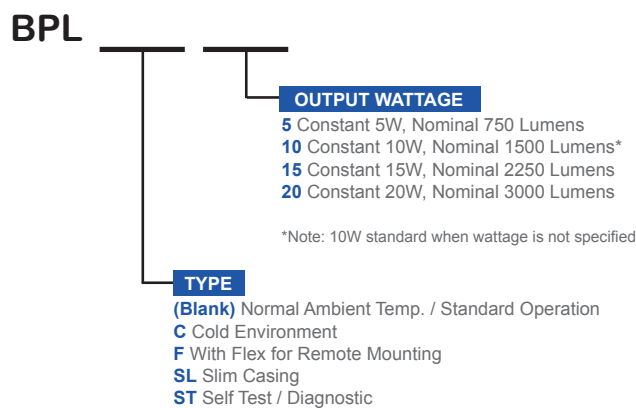
DRIVER OPTIONS

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



BATTERY PACK OPTIONS

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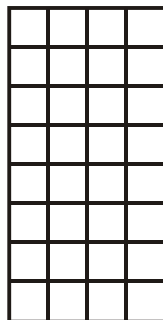
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LOUVER CELL

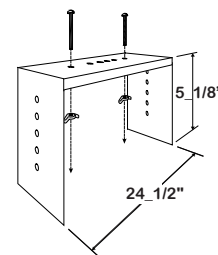
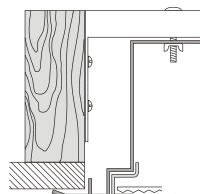


S32
32 Cell Louver
(4 LED Rows)

ACCESSORIES

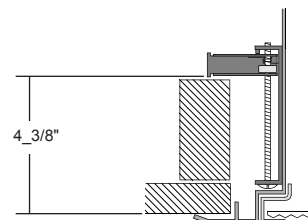
HS-24_1/2

- 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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