



# WET LOCATION LED

## FWL320 (2X2) SERIES (2X4 AVAILABLE)

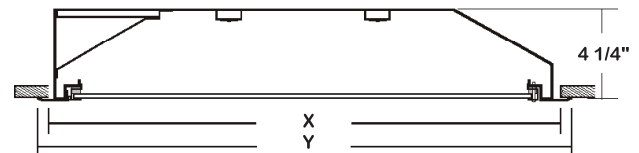
TRIM FLANGE WET LOCATION LUMINAIRE

DATE	
JOB	

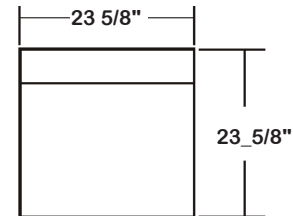
WWW.LALIGHTING.COM  
626-454-8300

### RECESSED MOUNTED WET LOCATION LED LUMINAIRE

### DIMENSIONS



Ceiling Opening X = 24\_1/2" X 24\_1/8"  
Overall Width by Length Y = 25\_5/8" X 25\_5/8"



### APPLICATIONS

- Wet Location, Covered Ceiling, Commercial

### FEATURES

- Wet location (UL listed with sprinkler test)
- 0-10V dimming driver standard (See DRIVER OPTIONS for other dimming types)
- Supports California Title 24 compliance

### OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available (See SENSOR OPTIONS for wireless controls)
- Variety of lenses available (See OPTICAL OPTIONS for lenses)
- Emergency battery pack available (See BATTERY PACK OPTIONS for battery pack options)
- Antimicrobial finished housing and door frame available
- Tamper proof screws available
- Hanger yokes available (See ACCESSORIES for details)
- Tunable white available (2700K-6500K)

### SPECIFICATIONS

#### CONSTRUCTION

- 22 ga. electro-galvanized steel welded housing
- All parts fitted and sealed, no unused holes or knockouts
- 20 ga. electro-galvanized steel door frame secured by full length piano hinge and 2 captive screws
- Door frame and lens sealed with closed cell neoprene gasket
- 18 ga. trim flange

#### FINISH

- Baked white powder coated finish / welded and painted after fabrication / minimum reflectance 90%

#### OPTICAL

- Inverted clear prismatic acrylic lens (nominal 0.125) standard

#### 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)  $\geq 0.9$
- Total Harmonic Distortion (THD)  $\leq 20\%$

#### LISTING

- UL USA and Canada listed / suitable for wet locations / UL listed with sprinkler test

#### WARRANTY

- 5-year limited warranty



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**ORDERING INFORMATION**

**EXAMPLE:** FWL320-8-2L-FSW-PA2-BPL1.5-DRDM-UNV-2/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	FINISH	DOOR FRAME	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
<b>FWL320</b>			<b>2L</b>		<b>FSW</b>				<b>DRDM</b>	<b>UNV</b>	<b>2</b>	
<b>FWL320</b> Trim Flange Wet Location LED Luminaire	<b>2</b> Nom. 2000 Lumens <b>3</b> Nom. 3000 Lumens <b>4</b> Nom. 4000 Lumens <b>6</b> Nom. 6000 Lumens <b>8</b> Nom. 8000 Lumens  <b>*Additional Lumen Packages Available</b>	<b>(Blank)</b> Standard  <b>HE</b> High Efficacy (Only 2000 / 3000 / 4000 / 6000 lumens Systems)	<b>2L</b> 2' x 2'	<b>AMF</b> Antimicrobial Finished Housing and Door Frame  <b>*Leave Blank if Not Specified</b>	<b>FSW</b> Flat Steel White Enamel Door Frame  See <b>DOOR FRAME</b> for Options	<b>PA2</b> Clear Prismatic Acrylic 0.125 Nominal  <b>DRP8</b> High Impact Clear Prismatic Acrylic 0.187 Nominal  <b>FPA2</b> Frosted Prismatic Acrylic 0.125 Nominal  See <b>OPTICAL OPTIONS</b> for Options	<b>TP</b> Tamper Proof Screws (Hex Socket with Post)  <b>*Leave Blank if Not Specified</b>  <i>Additional Mechanical Options</i>	<b>BPL1.5</b> Emergency Battery Pack, Nom. 1500 lm  See <b>BATTERY PACK OPTIONS</b> for Options  <b>WLC(LED RU)</b> EnOcean Wireless Control  See <b>SENSOR OPTIONS</b> for Options  <b>*Leave Blank if Not Specified</b>  <i>Additional Electrical Options</i>	<b>DRDM</b> 0-10V Dimming Driver  See <b>DRIVER OPTIONS</b> for Options	<b>UNV</b> 120V-277V  See <b>DRIVER OPTIONS</b> for Options	<b>2</b> Two LED Rows	<b>830</b> 80+CRI / 3000K Color Temp.  <b>835</b> 80+CRI / 3500K Color Temp.  <b>840</b> 80+CRI / 4000K Color Temp.  <b>850</b> 80+CRI / 5000K Color Temp.  <b>*Additional Color Temp. Available</b>

**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 / HID / CFL EQUIVALENT	IES FILES
2000 Lumens (Nominal)	FWL320-2-2L-FSW-PA2-DRDM-UNV-2/840	1632	12.5	130.9 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F24T5HO 2x F17T8	*
3000 Lumens (Nominal)	FWL320-3-2L-FSW-PA2-DRDM-UNV-2/840	2581	20.2	127.5 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F17T8	*
4000 Lumens (Nominal)	FWL320-4-2L-FSW-PA2-DRDM-UNV-2/840	3204	25.5	125.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F24T5HO 4x F17T8	*
6000 Lumens (Nominal)	FWL320-6-2L-FSW-PA2-DRDM-UNV-2/840	4730	39.1	121.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F24T5HO 6x F17T8	*
8000 Lumens (Nominal)	FWL320-8-2L-FSW-PA2-DRDM-UNV-2/840	6211	53.1	117.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F24T5HO	*

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT / HID / CFL EQUIVALENT	IES FILES
2000 Lumens (Nominal)	FWL320-2HE-2L-FSW-PA2-DRDM-UNV-2/840	1659	12.4	134.3 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F24T5HO 2x F17T8	*
3000 Lumens (Nominal)	FWL320-3HE-2L-FSW-PA2-DRDM-UNV-2/840	2304	17.3	133.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F17T8	*
4000 Lumens (Nominal)	FWL320-4HE-2L-FSW-PA2-DRDM-UNV-2/840	3265	24.9	130.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F24T5HO 4x F17T8	*
6000 Lumens (Nominal)	FWL320-6HE-2L-FSW-PA2-DRDM-UNV-2/840	4847	37.8	128.4 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F24T5HO 6x F17T8	*

**NOTE:**  
System data as of 4/24/25 (K-Boards).  
Luminaire efficiency: 76.6%  
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.



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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**

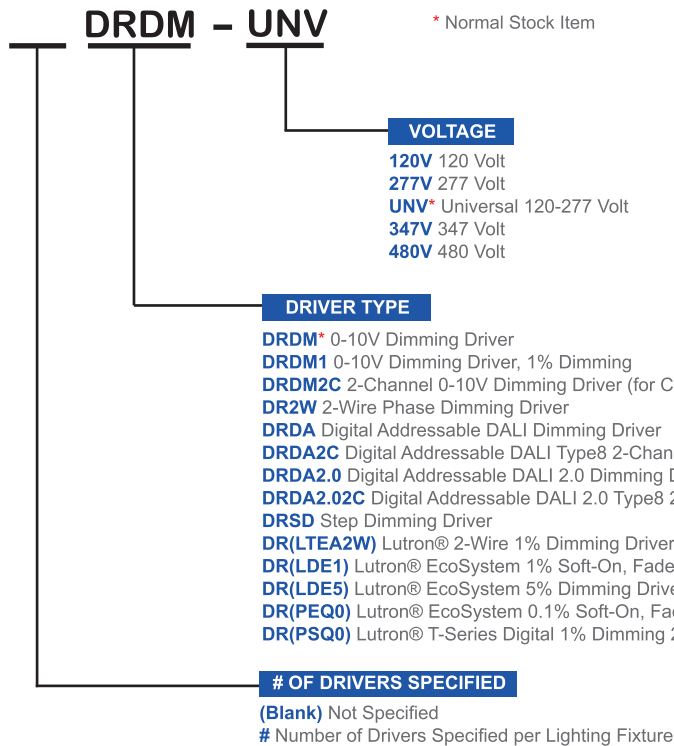
- Wireless ceiling mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with 360 degree viewing angle lens (34' diameter)
- Mounting height: 7-10 feet

**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

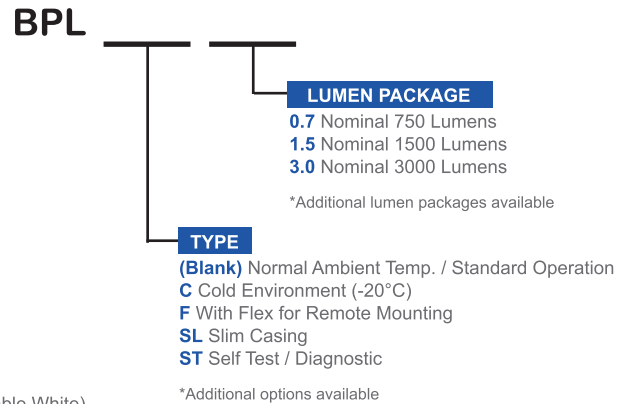
**DRIVER OPTIONS**

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



**BATTERY PACK OPTIONS**

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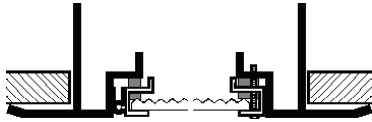
**OPTICAL OPTIONS**

**STANDARD LENSES FOR FWL320**

<b>PA2</b>	Clear Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base
<b>DRP8</b>	High Impact Clear Prismatic Acrylic, Nom. 0.187 OA Thickness, Female Prisms 3/16 Square Base
<b>FPA2</b>	Frosted Prismatic Acrylic, Nom. 0.125 OA Thickness

**DOOR FRAME**

CROSS SECTION



**FEATURES**

- Full Length Piano Hinge
- Inverted Lens
- Two 10-24 Captive Machine Screws
- Sealed with Closed Cell Neoprene Gasket

**FS W**

**FINISHES**

- W** White Enamel
- B** Black Enamel

**STYLES**

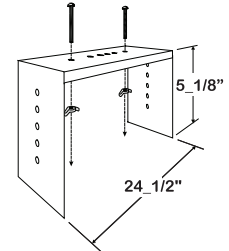
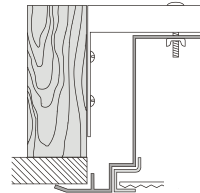
- FS** Flat Steel

**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

Note: Must drill own holes. Caulking compound should be used to seal the holes.



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