



# WRAPAROUND DES220

® SOFT CONTOUR DECORATIVE LUMINAIRE



JOB

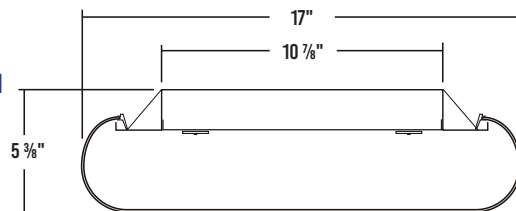
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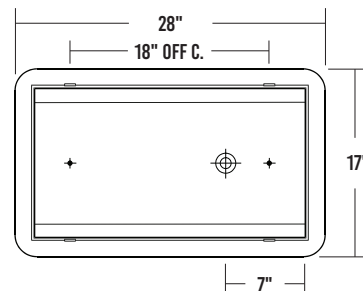
## SURFACE / STEM / PENDANT MOUNTED



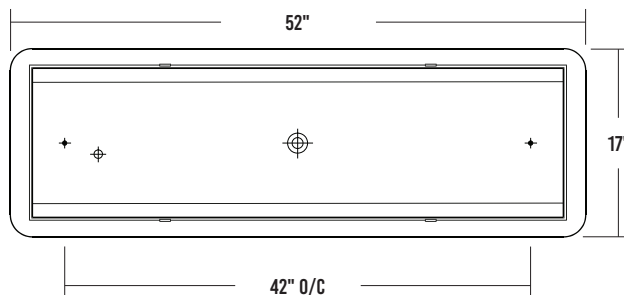
### CROSS SECTION



### 2' BACKPLATE



### 4' BACKPLATE



✦ 11/16" STEM MTG. K.O.

⊕ 7/8" OFFSET K.O.

⊕ 2" K.O.

## SPECIFICATIONS

### Construction

- 22 gauge cold-rolled steel housing (20 gauge also available)

### Finish

- Baked white polyester finish (powder coated finish available)
- Minimum reflectance 86%

### Optical

- Fully illuminated one-piece dropped white acrylic opal diffuser
- Diffuser clips to luminaire housing and can be removed from either side

### Electrical

- High-efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347 / 480V available)
- Emergency battery pack available

### Listing

- UL USA and Canada listed / suitable for damp locations

### Warranty

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

## APPLICATIONS

- Commercial, Retail, Office, Residential

## FEATURES

- Surface/stem/pendant mounted LED luminaire
- 0-10V dimming driver standard (other dimming types available)
- Controls and sensors available
- Supports California Title 24 compliance
- Suitable for damp locations
- Additional lumen packages and color temperatures available
- Full customization available upon request

## OPTIONS

- Tunable white (2700K – 6500K)
- Emergency battery pack
- 20 gauge housing
- Customization available upon request



Los Angeles Lighting Mfg. Co.

Contact Us

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Made in the USA



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.

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Revised: 05/07/24



MADE IN THE USA  
BAA Compliant

**ORDERING INFORMATION:** Additional Options Available. Visit [www.lalighting.com/resources](http://www.lalighting.com/resources) for more information

**EXAMPLE: DES220-2-4L-CLO-BPL1.5-DRDM-UNV-2/840**

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	OPTICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
<b>DES220</b>			<b>CLO</b>		<b>DRDM</b>	<b>UNV</b>	<b>2</b>	
<b>DES220</b> • Soft Contour Decorative Luminaire	2 - 2000lm 3 - 3000lm 4 - 4000lm	2L • 2'	<b>CLO</b> • Dropped white acrylic opal diffuser	<b>BPL1.5</b> • 1500 lm emergency battery pack  <b>MSH</b> • Microwave Motion Sensor - On/Off  <b>MSHSD</b> • Microwave Motion Sensor - High/Low  <b>WLC(LED RU)</b> • EnOcean® LED Relay Zone Controller  *Leave blank if not specified	<b>DRDM</b> • 0-10V Dimming Driver	<b>UNV</b> • 120V-277V  <b>120V</b> • 120 Volt  <b>277V</b> • 277 Volt	<b>2</b> • Two LED Rows	<b>827</b> • 80+CRI / 2700K  <b>830</b> • 80+CRI / 3500K  <b>835</b> • 80+CRI / 3500K  <b>840</b> • 80+CRI / 4000K  <b>850</b> • 80+CRI / 5000K  <b>865</b> • 80+CRI / 6500K  <b>8TW</b> • 80+CRI Tunable White 2700K-6500K
	4 - 4000lm 6 - 6000lm 8 - 8000lm	4L • 4'						90CRI Also available  Contact customer service for additional CRI/CCT packages, including 90 CRI

Standard options for DES220 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit [www.lalighting.com/resources](http://www.lalighting.com/resources) or contact customer service.

## SENSORS AND CONTROLS

### HIGH FREQUENCY (MICROWAVE) MOTION SENSORS

Detects movement through low density materials, including polycarbonate, acrylic and glass diffusers.

#### MSH - Microwave Motion Sensor – On/Off

- Turns luminaire on/off in response to motion

#### MSHSD - Microwave Motion Sensor – High/Low

- Increases/decreases illumination in response to motion

### WIRELESS CONTROLS

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

- Pre-installed inside luminaire
- Can support a single luminaire or multiple daisy-chained luminaires

For additional sensor and wireless controls options, visit [www.lalighting.com/resources](http://www.lalighting.com/resources)



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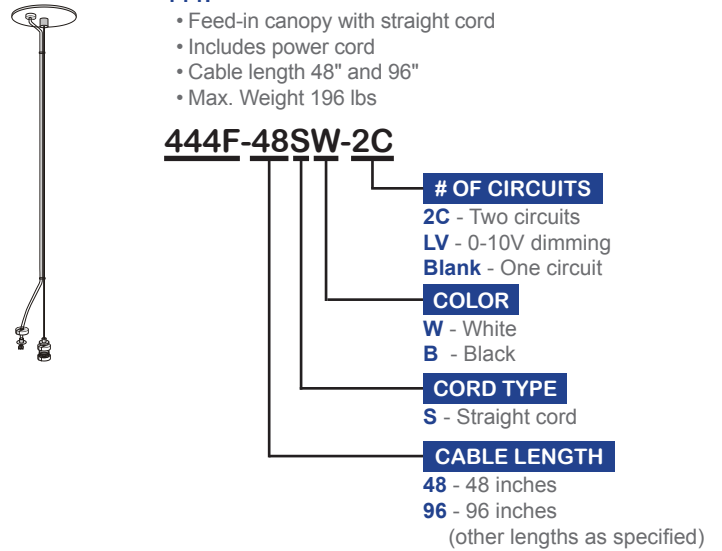
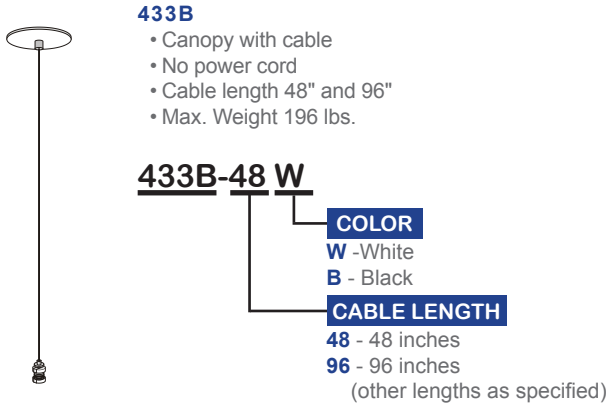
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## MOUNTING OPTIONS

## CANOPY / CABLE SUSPENSION SYSTEM

- Self-locking, one-step adjustable suspension device with canopies
- Provides full 360° rotation



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

2' Normal Ambient Temperature

2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	DES220-2-2L-DRDM-UNV-2/840	1929	15.8	122.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F24T5HO, 2-F17T8	*
3000 Lumens (Nominal)	DES220-3-2L-DRDM-UNV-2/840	2829	24.4	116.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	DES220-4-2L-DRDM-UNV-2/840	3684	33.3	110.7 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F24T5HO, 4-F17T8	*

4' Normal Ambient Temperature

4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	DES220-4-4L-DRDM-UNV-2/840	3948	31.4	125.7 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F54T5HO, 2-F32T8	*
6000 Lumens (Nominal)	DES220-6-4L-DRDM-UNV-2/840	5789	48.6	119.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	DES220-8-4L-DRDM-UNV-2/840	7541	66.7	113.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F32T8	*

**NOTE:**  
System data as of 10/19/23.  
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.



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