



# SURFACE MOUNT

## MPA620 (2X2)

LED PARABOLIC LUMINAIRE

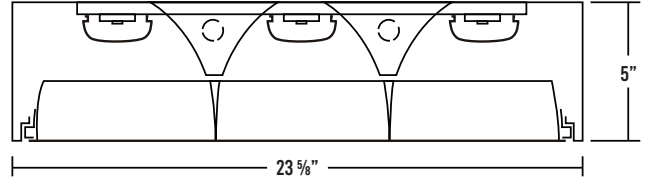


JOB	
TYPE	
DATE	

## Surface Mounted Parabolic LED Luminaire

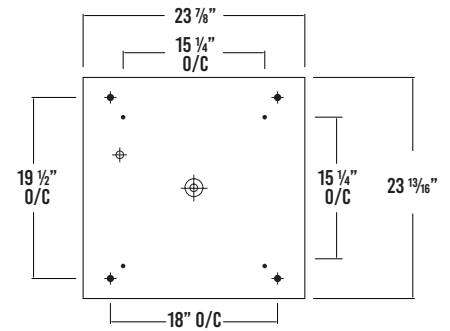


### CROSS SECTION

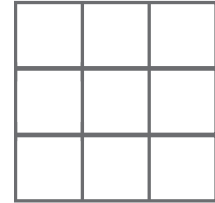


### BACKPLATE

- 2" K.O.
- 7/8" K.O.
- 1/8" K.O.
- 7/16" STEM MOUNTING K.O.



### S9 LOUVER CONFIGURATION (3 ROWS, 9 CELLS)



## SPECIFICATIONS

### Construction

- 20 gauge cold-rolled steel housing
- Louvers secured to housing by T-hinges and latches
- One-way polyurethane gasket between housing and louver

### Finish

- Baked white powder coated finish
- Painted after fabrication
- Minimum reflectance 90%
- Parabolic louvers: semi-specular low iridescent aluminum finish

### Optical

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

### Electrical

- High-efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000 hours (L70)
- Universal voltage 120V through 277V / 480V available
- Power Factor (PF)  $\geq 0.9$
- 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
- Suitable for damp locations
- Supports California Title 24 compliance

## OPTIONS

- Range of lumen packages and color temperatures
- Tunable white (2700K-6500K)
- White louvers (other colors also available)
- Wireless controls
- Emergency battery packs
- Customization available upon request



**Los Angeles Lighting Mfg. Co.**  
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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: 12/19/23



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

EXAMPLE: MPA620-2-2L-S9-DRDM-UNV-1/840								
SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	LOUVER CONFIGURATION	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
MPA620		2L	S9		DRDM	UNV	3	
<b>MPA20</b> • Surface Mounted Parabolic LED Luminaire  <b>High Efficacy</b> <b>2HE</b> - 2000lm <b>3HE</b> - 3000lm <b>4HE</b> - 4000lm <b>6HE</b> - 6000lm <b>8HE</b> - 8000lm  Contact customer service for additional lumen packages	<b>2</b> - 2000lm <b>3</b> - 3000lm <b>4</b> - 4000lm <b>6</b> - 6000lm <b>8</b> - 8000lm	<b>2L</b> • 2' x 2'	<b>S9</b> • Semi-Specular Low Iridescent Aluminum; 3 Rows of 3 Cells  <i>White and other louver colors also available. Contact Customer Service.</i>	<b>BPL1.5</b> • 1500 lm Emergency Battery Pack  <b>WLC(xx)</b> • Wireless Control  *Leave blank if not specified	<b>DRDM</b> • 0-10V Dimming Driver	<b>UNV</b> • 120V-277V	<b>3</b> • Three LED Rows	<b>827</b> • 80+CRI / 2700K  <b>830</b> • 80+CRI / 3000K  <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  90CRI Also available  Contact customer service for additional CRI/CCT packages, including 90 CRI
Standard options for MPA620 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit <a href="http://www.lalighting.com/resources">www.lalighting.com/resources</a> or contact customer service.								

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

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)	MPA620-2-2L-S9-DRDM-UNV-1/840	1483	13.1	113.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F24T5HO, 2-F17T8	*
	3000 Lumens (Nominal)	MPA620-3-2L-S9-DRDM-UNV-1/840	2219	19.6	113.5 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
	4000 Lumens (Nominal)	MPA620-4-2L-S9-DRDM-UNV-1/840	2943	25.8	114.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F24T5HO, 4-F17T8	*
	6000 Lumens (Nominal)	MPA620-6-2L-S9-DRDM-UNV-1/840	4357	40.4	108.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F24T5HO, 6-F17T8	*
	8000 Lumens (Nominal)	MPA620-8-2L-S9-DRDM-UNV-1/840	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)	MPA620-2HE-2L-S9-DRDM-UNV-1/840	1656	13.5	122.3 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F24T5HO, 2-F17T8	*
	3000 Lumens (Nominal)	MPA620-3HE-2L-S9-DRDM-UNV-1/840	2944	23.5	125.5 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
	4000 Lumens (Nominal)	MPA620-4HE-2L-S9-DRDM-UNV-1/840	2944	23.5	125.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F24T5HO, 4-F17T8	*
	6000 Lumens (Nominal)	MPA620-6HE-2L-S9-DRDM-UNV-1/840	4733	38.4	123.3 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F24T5HO, 6-F17T8	*
	8000 Lumens (Nominal)	MPA620-8HE-2L-S9-DRDM-UNV-1/840	4733	38.4	123.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F24T5HO	*

**NOTE:**  
System data as of 12/18/23.  
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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