



# SURFACE MOUNT

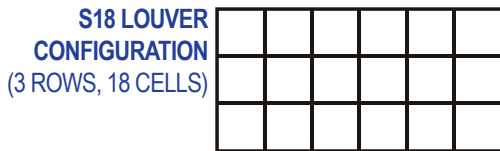
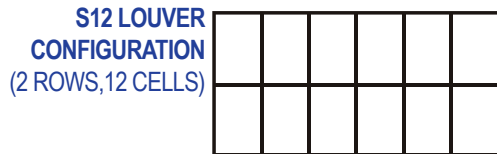
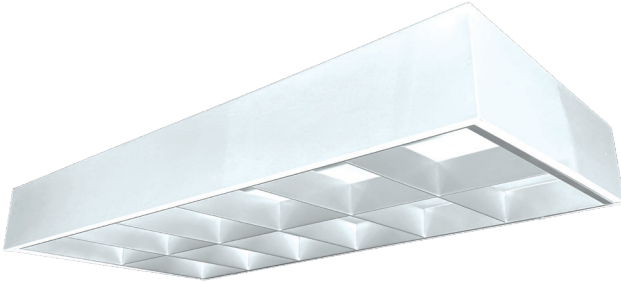
## MPA620 (2X4)

LED PARABOLIC LUMINAIRE

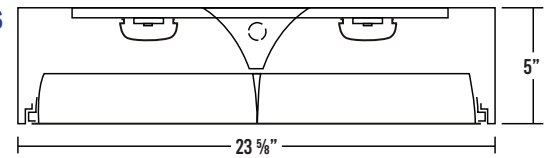


JOB	
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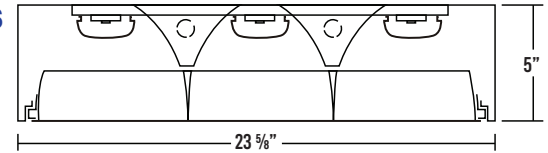
### Surface Mounted Parabolic LED Luminaire



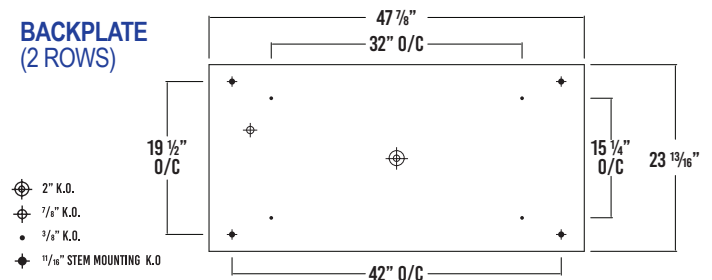
**S12 CROSS SECTION**  
(2 ROWS)



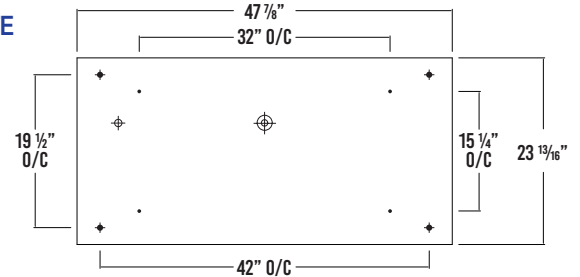
**S18 CROSS SECTION**  
(3 ROWS)



**BACKPLATE**  
(2 ROWS)



**BACKPLATE**  
(3 ROWS)



## 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 (347V / 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



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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: MPA620-4-4L-S12-DRDM-UNV-1/840								
SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	LOUVER CONFIGURATION	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
MPA620		4L			DRDM	UNV		
<b>MPA620</b> • Surface Mounted Parabolic LED Luminaire	4 - 4000lm 6 - 6000lm 8 - 8000lm 12 - 12000lm 16 - 16000lm  <b>High Efficacy</b> 4HE - 4000lm 6HE - 6000lm 8HE - 8000lm 12HE - 12000lm 16HE - 16000lm  Contact customer service for additional lumen packages	4L • 2' x 4'	<b>S12</b> • Semi-Specular Low Iridescent Aluminum; 2 Rows of 6 Cells  <b>S18</b> • Semi-Specular Low Iridescent Aluminum; 3 Rows of 6 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>2</b> • Two LED Rows (S12 Option Only)  <b>3</b> • Three LED Rows (S18 Option Only)	<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

12 Cell 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)	MPA620-4-4L-S12-DRDM-UNV-1/840	3175	25.8	123.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
6000 Lumens (Nominal)	MPA620-6-4L-S12-DRDM-UNV-1/840	4723	39.0	121.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8, 1-F54T5HO	*
8000 Lumens (Nominal)	MPA620-8-4L-S12-DRDM-UNV-1/840	6234	52.7	118.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8, 1-F54T5HO	*
12000 Lumens (Nominal)	MPA620-12-4L-S12-DRDM-UNV-1/840	9427	81.9	115.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
16000 Lumens (Nominal)	MPA620-16-4L-S12-DRDM-UNV-1/840	12364	99.2	124.6 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8, 2-F54T5HO	*

12 Cell 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
4000 Lumens (Nominal)	MPA620-4HE-4L-S12-DRDM-UNV-1/840	3089	22.7	135.8 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
6000 Lumens (Nominal)	MPA620-6HE-4L-S12-DRDM-UNV-1/840	4787	35.4	135.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8, 1-F54T5HO	*
8000 Lumens (Nominal)	MPA620-8HE-4L-S12-DRDM-UNV-1/840	6102	45.3	134.8 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8, 1-F54T5HO	*
12000 Lumens (Nominal)	MPA620-12HE-4L-S12-DRDM-UNV-1/840	9218	71.1	129.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
16000 Lumens (Nominal)	MPA620-16HE-4L-S12-DRDM-UNV-1/840	0	0	0 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*

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

18 Cell 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)	MPA620-4-4L-S18-DRDM-UNV-1/840	3087	25.5	121.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F54T5HO, 2-F32T8	*
6000 Lumens (Nominal)	MPA620-6-4L-S18-DRDM-UNV-1/840	4620	38.2	121.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	MPA620-8-4L-S18-DRDM-UNV-1/840	6128	50.1	122.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F32T8	*
12000 Lumens (Nominal)	MPA620-12-4L-S18-DRDM-UNV-1/840	9072	76.8	118.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F54T5HO, 6-F32T8	*
16000 Lumens (Nominal)	MPA620-16-4L-S18-DRDM-UNV-1/840	11918	104.4	114.2 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F54T5HO	*

18 Cell 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
4000 Lumens (Nominal)	MPA620-4HE-4L-S18-DRDM-UNV-1/840	0	0	0	-20°C / 35°C (-4°F / 95°F)	1-F54T5HO, 2-F32T8	*
6000 Lumens (Nominal)	MPA620-6HE-4L-S18-DRDM-UNV-1/840	4662	34.3	136.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	MPA620-8HE-4L-S18-DRDM-UNV-1/840	5988	44.5	134.6 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO, 4-F32T8	*
12000 Lumens (Nominal)	MPA620-12HE-4L-S18-DRDM-UNV-1/840	8880	67.6	131.4 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F54T5HO, 6-F32T8	*
16000 Lumens (Nominal)	MPA620-16HE-4L-S18-DRDM-UNV-1/840	11943	92.8	128.7 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F54T5HO	*

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