



# SURFACE MOUNT MDC320

CENTER LENSED LUMINAIRE



JOB	
TYPE	
DATE	

Commercial / Office / Classroom

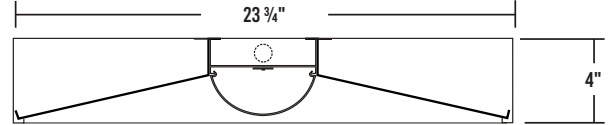


2' x 4'

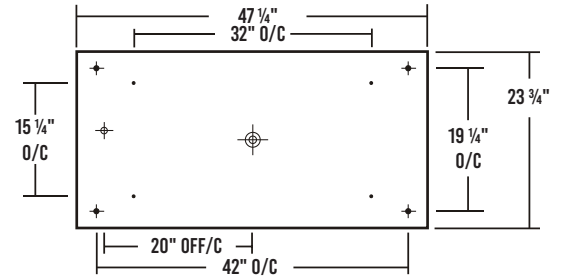


2' x 2'

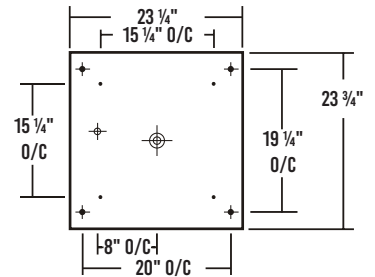
### CROSS SECTION



### 2' x 4' BACKPLATE



### 2' x 2' BACKPLATE



- 3/8" KO
- ◆ 11/16" Stem Mounting KO
- ⊕ 7/8" Offset KO
- ⊕ 2" KO

## SPECIFICATIONS

### Construction

- 20 gauge cold-rolled steel housing
- Cold-rolled steel reflectors

### Finish

- Painted after fabrication
- Baked white powder-coated finish
- Minimum reflectance 90%
- Reflectors: high reflectance, low gloss, matte white finish

### Optical

- Frosted radial lens to maximize lumen output while cutting glare

### Electrical

- High-efficiency drivers coupled with long-life LEDs
- Service life tested at 148,000 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 standard. 10-Year limited warranty also available

## APPLICATIONS

- Commercial, Office, Classroom

## FEATURES

- 0 -10V Dimming driver standard
- Surface or suspension/stem mountable
- Supports California Title 24 compliance

## OPTIONS

- Additional lumen packages and color temperatures
- Sensors and controls, including wireless options
- Custom colors
- Emergency battery pack
- Tunable white (2700K-6500K)
- Full customization available upon request



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

EXAMPLE: MDC320-4-4L-BPL1.5-DRDM-UNV-1/840								
SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	COLOR	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
<b>MDC320</b>							<b>1</b>	
<b>MDC320</b> • Center Lensed LED Luminaire	2 - 2000 lm 3 - 3000 lm 4 - 4000 lm 6 - 6000 lm  High Efficacy 2HE - 2000 lm 3HE - 3000 lm	<b>2L</b> • 2' x 2'	<b>(Blank)</b> • Standard White Housing  <b>BLK</b> • Black Housing  <b>BZ</b> • Bronze Housing  Custom colors available. Contact Customer Service.	<b>BPL1.5</b> • 1500 lm emergency battery pack  <b>WLC(XXXXX)</b> • Wireless Control  *Leave blank if not specified	<b>DRDM</b> • 0-10V Dimming Driver	<b>UNV</b> • 120V-277V	<b>1</b> • One LED Row	<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  <b>90CRI Also available</b>
	4 - 4000 lm 6 - 6000 lm 8 - 8000 lm 10 - 10000 lm  High Efficacy 4HE - 4000 lm 6HE - 6000 lm	<b>4L</b> • 2' x 4'	Standard options for MDC320 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.					


**MOUNTING ACCESSORIES**

**CANOPY / CABLE SUSPENSION SYSTEM**

- Self-locking, one-step adjustable suspension device with canopy

**433B**

- Canopy with cable
- No power cord
- Cable length 48" and 96"
- Max. Weight 196 lbs.




**433B-48 W**

**COLOR**  
**W** - White  
**B** - Black

**CABLE LENGTH**  
**48** - 48 inches  
**96** - 96 inches  
 (other lengths as specified)

**444F**

- Feed-in canopy with straight cord
- Includes power cord
- Cable length 48" and 96"
- Max. Weight 196 lbs



**444F-48W-2C**

**# OF CIRCUITS**  
**2C** - Two circuits  
**LV** - 0-10V dimming  
**Blank** - One circuit

**COLOR**  
**W** - White  
**B** - Black

**CABLE LENGTH**  
**48** - 48 inches  
**96** - 96 inches  
 (other lengths as specified)

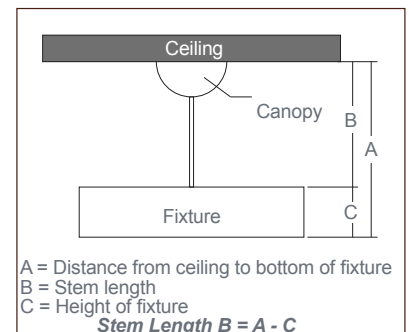
**STEM (Specify Length)**

- 3/8" IPS, nominal OD 5/8"
- Threaded 1" each end
- 2 lock nuts provided per stem
- Standard lengths: 6", 12", 18", 24", 30", 36", 48"
- Baked white enamel finish

Other lengths & finishes are available as specified



**Stem Length Calculation**



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

**Normal Ambient Temperature**

2' x 2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	MDC320-2-2L-DRDM-UNV-1/840	1878	12.7	147.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F24T5HO 2x F17T8	*
3000 Lumens (Nominal)	MDC320-3-2L-DRDM-UNV-1/840	2950	20.9	141.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F17T8	*
4000 Lumens (Nominal)	MDC320-4-2L-DRDM-UNV-1/840	3640	26.5	137.2 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F24T5HO 4x F17T8	*
6000 Lumens (Nominal)	MDC320-6-2L-DRDM-UNV-1/840	5547	39.0	142.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F24T5HO 6x F17T8	*

**Normal Ambient Temp High Efficacy**

2' x 2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	MDC320-2HE-2L-DRDM-UNV-1/840	1914	12.4	153.9 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F24T5HO 2x F17T8	*
3000 Lumens (Nominal)	MDC320-3HE-2L-DRDM-UNV-1/840	3026	20.2	149.9 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F17T8	*

**Normal Ambient Temperature**

2' x 4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	MDC320-4-4L-DRDM-UNV-1/840	3785	25.5	148.6 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	MDC320-6-4L-DRDM-UNV-1/840	5587	39.0	143.3 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
8000 Lumens (Nominal)	MDC320-8-4L-DRDM-UNV-1/840	7276	53.1	137.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
10000 Lumens (Nominal)	MDC320-10-4L-DRDM-UNV-1/840	9384	64.4	145.7 lm/W	-20°C / 35°C (-4°F / 95°F)	5x F32T8	*

**Normal Ambient Temp High Efficacy**

2' x 4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	MDC320-4HE-4L-DRDM-UNV-1/840	1960	12.3	159.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	MDC320-6HE-4L-DRDM-UNV-1/840	5725	37.8	151.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*

**NOTE:**  
 System data as of 5/29/25 (K-Boards).  
 Luminaire efficiency: 2ft - 89.8%, 4ft - 90.4%  
 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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