



SURFACE MOUNT MDC320

LED

® CENTER LENSED LUMINAIRE

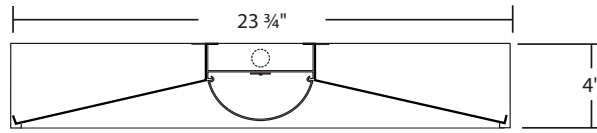
JOB	
TYPE	
DATE	

WWW.LALIGHTING.COM TEL: 626-454-8300



2x4 ft

Cross Section

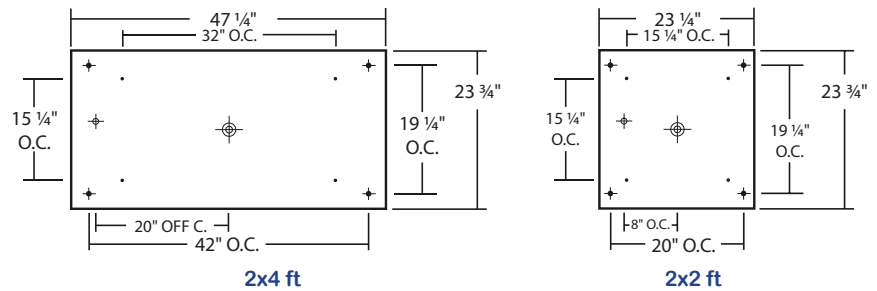


- 3/8" K.O.
- 1/16" STEM MTG. K.O.
- 7/8" OFFSET K.O.
- 2" K.O.



2x2 ft

Backplate



SPECIFICATIONS

CONSTRUCTION

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

FINISH

- Baked white powder coated finish / painted after fabrication / 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
- Supports California Title 24 compliance

OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

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



Los Angeles Lighting Mfg. Co.
 Contact Us
 T: 626-454-8300
 F: 626-454-8399
 www.lalighting.com
 10141 Olney Street
 El Monte, CA 91731
 Made in the USA



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Revised: 05/02/23



ORDERING INFORMATION ADDITIONAL OPTIONS AVAILABLE. VISIT WWW.LALIGHTING.COM/ RESOURCES FOR MORE INFORMATION

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	COLOR	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
MDC320					DRDM	UNV		
MDC320 • Center Lensed LED Luminaire	2 - 2000lm 3 - 3000lm 4 - 4000lm 6 - 6000lm High Efficacy 2HE - 2000lm 3HE - 3000lm	2L • 2'x2'	BLK • Black BZ • Bronze	BPL1.5 • 1500lm Emergency Battery Pack WLC(xxxxx) • Wireless Control <i>*Leave blank if not specified</i>	DRDM • 0-10V Dimming Driver	UNV • 120V -277V	1 • 1 LED Row	830 • 80+CRI / 3000K 835 • 80+CRI / 3500K 840 • 80+CRI / 4000K 850 • 80+CRI / 5000K <i>*Contact customer service for additional CRI / CCT packages, including 90CRI</i>
	4 - 4000lm 6 - 6000lm 8 - 8000lm 10 - 10000lm High Efficacy 4HE - 4000lm 6HE - 6000lm	4L • 2'x4'	<i>*Leave Blank for Standard White</i>					
Standard options for MDC320 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.								

SYSTEM DATA ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

2'x2' 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	1834	14.1	129.9 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F24T5HO 2x F17T8	LA-T3722-2
3000 Lumens (Nominal)	MDC320-3-2L-DRDM-UNV-1/840	2809	22.1	127.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F17T8	*
4000 Lumens (Nominal)	MDC320-4-2L-DRDM-UNV-1/840	3717	27.3	136.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F24T5HO 4x F17T8	LA-T3721-2
6000 Lumens (Nominal)	MDC320-6-2L-DRDM-UNV-1/840	5402	39.4	137.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F24T5HO 6x F17T8	

2'x2' 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)	MDC320-2HE-2L-DRDM-UNV-1/840	1796	12.4	145.1 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F24T5HO 2x F17T8	*
3000 Lumens (Nominal)	MDC320-3HE-2L-DRDM-UNV-1/840	2713	18.7	145.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F17T8	*

NOTE:
 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

2'x4' 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	3695	26.7	138.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F54T5HO 2-F32T8	LA-T3686-2
6000 Lumens (Nominal)	MDC320-6-4L-DRDM-UNV-1/840	5754	43.7	131.8 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	LA-T3685-2
8000 Lumens (Nominal)	MDC320-8-4L-DRDM-UNV-1/840	7428	51.1	145.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F54T5HO 4-F32T8	LA-T3734-2
10000 Lumens (Nominal)	MDC320-10-4L-DRDM-UNV-1/840	9162	61.5	149.0 lm/W	-20°C / 35°C (-4°F / 95°F)	5-F32T8	*

2'x4' 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)	MDC320-4HE-4L-DRDM-UNV-1/840	3617	23.5	154.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F54T5HO 2-F32T8	*
6000 Lumens (Nominal)	MDC320-6HE-4L-DRDM-UNV-1/840	5465	36.4	150.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*

NOTE:
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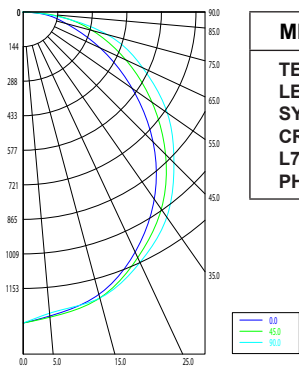
CUSTOM COLORS

- BLK - Matte Black
- CS - Camaro Silver
- BZ - Statuary Bronze

Variety of RAL colors & Axalta/DuPont colors available upon request.



PHOTOMETRIC DATA



MDC320-4-4L-DRDM-UNV-1/840
TEST NO. = LA-T3686-2
LED ROWS = 1
SYSTEM WATTS (W) = 26.7
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE = C

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	994	24.3	26.9
0-40	1623	39.7	43.9
0-60	2853	69.8	77.2
0-90	3695	90.4	100.0
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	3695	90.4	100.0

SPACING CRITERION	
ALONG	ACROSS
1.18	1.26

Luminaire Output = 3695 lumens
 Luminaire Efficacy = 138.4 lm/W
 Luminaire Efficiency = 90.44%



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