



WRAPAROUND WSE200



SERIES 2FT, 3FT, 4FT, 8FT
® IMPACT RESISTANT WRAPAROUND LED LUMINAIRE WITH SECURITY OPTIONS

JOB	
TYPE	
DATE	

WWW.LALIGHTING.COM

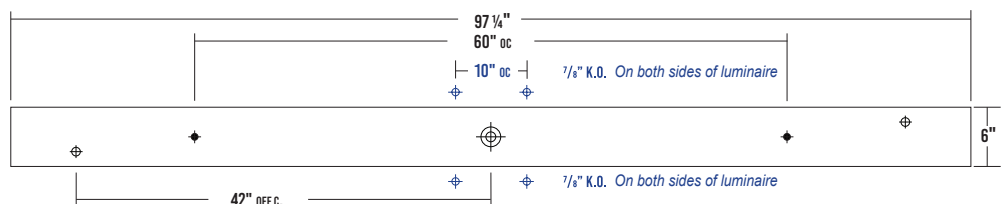
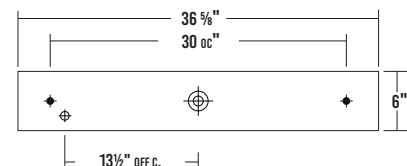
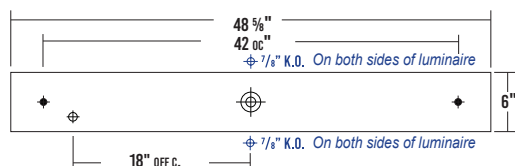
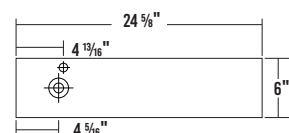
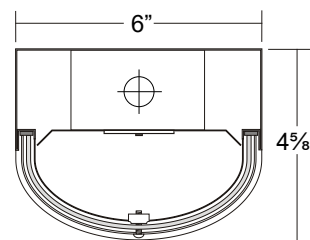
TEL: 626-454-8300

SURFACE/STEM/SUSPENSION MOUNTED LED LUMINAIRE

DIMENSIONS



- 2" K.O.
- 7/8" K.O.
- 11/16" STEM MOUNTING K.O.



SPECIFICATIONS

CONSTRUCTION

- 22 gauge die formed cold-rolled steel housing with 18 gauge end plates
- Spot welded seams and corners
- Full neoprene gasket

FINISH

- Baked white powder coated finish
- Minimum reflectance 90%
- Welded and painted after fabrication

OPTICAL

- 25% "DR" high impact linear pattern frosted acrylic lens
- Lens secured by steel lens-retainers and two stainless steel knurled head thumb screws

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) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

LISTING

- UL USA and Canada listed
- Suitable for damp locations

WARRANTY

- 5-year limited warranty
- 10-year limited warranty available

APPLICATIONS

- Stairwells, Parking Structure, Passageways, Workrooms, Restrooms

FEATURES

- 0-10V Dimming driver standard
- Supports California Title 24 compliance

OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

- Wet location
- Controls
- Custom housing colors
- Phillips head screws / tamper proof screws
- Cord & plug
- Emergency battery pack
- 10 kV surge protector
- Tunable white (2700K-6500K)
- Customization available upon request
- 0.10" Frosted smooth polycarbonate lens for security applications

CUSTOM COLORS

BLK - Matte Black

CS - Camaro Silver

BZ - Statuary Bronze



Variety of RAL colors available upon request.



Los Angeles Lighting Mfg. Co.

Contact Us

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www.lalighting.com

10141 Olney Street
El Monte, CA 91731
Made in the USA



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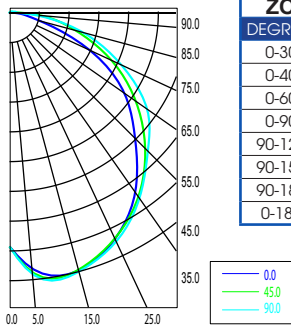
ORDERING INFORMATION

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

EXAMPLE: WSE200-4-4L-TP-BPL1.5-DRDM-UNV-1/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	OPTICAL	COLOR	MECHANICAL	CONTROLS	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
WSE200										1	
WSE200 • Wraparound Security High Impact	1 - 1000lm 2 - 2000lm 3 - 3000lm 4 - 4000lm 5 - 5000lm 6 - 6000lm High Efficac 1HE - 1000lm 2HE - 2000lm 3HE - 3000lm 4HE - 4000lm	2L • 2ft	DRRLFR ¹ • Frosted Ribbed Acrylic FPC • Frosted Smooth Polycarbonate	(Blank) • Standard White BLK • Matte Black BZ • Statuary Bronze CS • Camaro Silver	(Blank) • Knurled Head Thumb Screw TP • Tamper Proof Screws • Hex Socket w/Post PH • Phillips Head Screws WL • Wet Location • Electro-Galvanized Steel Housing *Leave blank if not specified	WLC(xx) • Wireless Control MSH • Microwave Motion Sensor (On/Off) MSHSD • Microwave Motion Sensor (High/Low) <i>Note: For integrated sensor, refer to WSE201. For end mounted sensor options, contact Customer Service.</i>	BPL1.5 • Emergency Battery Pack • 1500 lm SP10 • 10 kV Surge Protector C(xx) • Cord 18 ga. 3-wire • Plug Options • NEMA Plug Type • Length of Cord • Location on the fixture *Leave blank if not specified	DRDM • 0-10V Dimming Driver DRSD • Step Dimming Driver DR2W • 2-Wire Phase Dimming Driver • Requires Specific Voltage Callout	UNV • 120V-277V 120V • 120 Volt 277V • 277 Volt 347V • 347 Volt 480V • 480 Volt	1 • 1 LED Row	830 • 80+CRI / 3000K 835 • 80+CRI / 3500K 840 • 80+CRI / 4000K 850 • 80+CRI / 5000K 8TW • Tunable White 827 to 865
	1 - 1000lm 2 - 2000lm 3 - 3000lm 4 - 4000lm 5 - 5000lm 6 - 6000lm	3L • 3ft									
	2 - 2000lm 3 - 3000lm 4 - 4000lm 6 - 6000lm 8 - 8000lm 10 - 10000lm 12 - 12000lm High Efficac 2HE - 2000lm 3HE - 3000lm 4HE - 4000lm 6HE - 6000lm 8HE - 8000lm	4L • 4ft									
	4 - 4000lm 6 - 6000lm 8 - 8000lm 12 - 12000lm High Efficac 4HE - 4000lm 6HE - 6000lm 8HE - 8000lm 12HE - 12000lm	8L • 8ft									
	Standard options for WSE200 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.										
¹ Blank lens callout in existing specification indicates DRRLFR											

PHOTOMETRIC DATA



ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	923	22.5	25.1
0-40	1501	36.7	40.8
0-60	2631	64.4	71.5
0-90	3504	85.7	95.3
90-120	150	3.6	4.1
90-150	171	4.2	4.6
90-180	172	4.2	4.6
0-180	3676	89.9	100.0

WSE200-4-4L-DRDM-UNV-1/840

TEST NO. = LA-T3870b
LED TYPE = 48 LED MODULE
NO. OF MODULE = 1
SYSTEM WATT (W) = 26.69
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE = C

SPACING CRITERION

ALONG	ACROSS
1.23	1.33

Luminaire Output = 3676 lumens
 Luminaire Efficacy = 149.5 lm/W
 Luminaire Efficiency = 89.98%



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SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	WSE200-1-2L-DRDM-UNV-1/840	1128	7.3	154.8 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	WSE200-2-2L-DRDM-UNV-1/840	1852	12.4	149.7 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
3000 Lumens (Nominal)	WSE200-3-2L-DRDM-UNV-1/840	2908	20.3	143.3 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	WSE200-4-2L-DRDM-UNV-1/840	3591	25.8	139.3 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F17T8 2-F24T5HO	*
5000 Lumens (Nominal)	WSE200-5-2L-DRDM-UNV-1/840	4769	32.6	146.2 lm/W	-20°C / 35°C (-4°F / 95°F)	5-F17T8	*
6000 Lumens (Nominal)	WSE200-6-2L-DRDM-UNV-1/840	5469	37.9	144.4 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F17T8 3-F24F24T5HO	*

2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	WSE200-1HE-2L-DRDM-UNV-1/840	1146	7.2	159.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	WSE200-2HE-2L-DRDM-UNV-1/840	1887	12.1	156.2 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
3000 Lumens (Nominal)	WSE200-3HE-2L-DRDM-UNV-1/840	2983	19.6	152.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	WSE200-4HE-2L-DRDM-UNV-1/840	3704	24.7	149.7 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F17T8 2-F24T5HO	*

3' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	WSE200-1-3L-DRDM-UNV-1/840	1165	7.2	161.4 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*
2000 Lumens (Nominal)	WSE200-2-3L-DRDM-UNV-1/840	1918	12.2	157.6 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F30T8	*
3000 Lumens (Nominal)	WSE200-3-3L-DRDM-UNV-1/840	3026	19.8	152.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F25T8, 1-F39T5HO	*
4000 Lumens (Nominal)	WSE200-4-3L-DRDM-UNV-1/840	3750	25.1	149.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F30T8	*
5000 Lumens (Nominal)	WSE200-5-3L-DRDM-UNV-1/840	4816	33.1	145.4 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*
6000 Lumens (Nominal)	WSE200-6-3L-DRDM-UNV-1/840	5511	38.7	142.6 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F30T8	*

4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	WSE200-2-4L-DRDM-UNV-1/840	1918	12.1	158.7 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
3000 Lumens (Nominal)	WSE200-3-4L-DRDM-UNV-1/840	3033	19.6	154.7 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*
4000 Lumens (Nominal)	WSE200-4-4L-DRDM-UNV-1/840	3766	24.7	152.2 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	WSE200-6-4L-DRDM-UNV-1/840	5559	37.9	1146.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	WSE200-8-4L-DRDM-UNV-1/840	7299	51.5	141.6 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
10000 Lumens (Nominal)	WSE200-10-4L-DRDM-UNV-1/840	9337	62.6	149.2 lm/W	-20°C / 35°C (-4°F / 95°F)	5-F32T8	*
12000 Lumens (Nominal)	WSE200-12-4L-DRDM-UNV-1/840	11117	75.8	146.7 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*



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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)	WSE200-2HE-4L-DRDM-UNV-1/840	1950	11.9	163.3 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
3000 Lumens (Nominal)	WSE200-3HE-4L-DRDM-UNV-1/840	2707	16.8	161.2 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*
4000 Lumens (Nominal)	WSE200-4HE-4L-DRDM-UNV-1/840	3837	24.2	158.7 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	WSE200-6HE-4L-DRDM-UNV-1/840	5697	36.7	155.3 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	WSE200-8HE-4L-DRDM-UNV-1/840	7530	49.5	152.2 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*

8' - 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)	WSE200-4-8L-DRDM-UNV-1/840	3763	24.2	155.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
6000 Lumens (Nominal)	WSE200-6-8L-DRDM-UNV-1/840	5586	36.7	152.3 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	WSE200-8-8L-DRDM-UNV-1/840	7385	49.5	149.2 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	WSE200-12-8L-DRDM-UNV-1/840	10810	70.8	152.8 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F32T8 2x F96T8HO	*

8' - 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)	WSE200-4HE-8L-DRDM-UNV-1/840	3823	23.9	160.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
6000 Lumens (Nominal)	WSE200-6HE-8L-DRDM-UNV-1/840	5310	33.6	158.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	WSE200-8HE-8L-DRDM-UNV-1/840	7156	45.8	156.2 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	WSE200-12HE-8L-DRDM-UNV-1/840	10810	70.8	152.8 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*

NOTE:

System data as of 07/23/25 (K-Boards when applicable).

Luminaire efficiency: 2ft - 88.5%; 3ft - 90.6%; 4ft - 90% 8ft - 88.2%;

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.

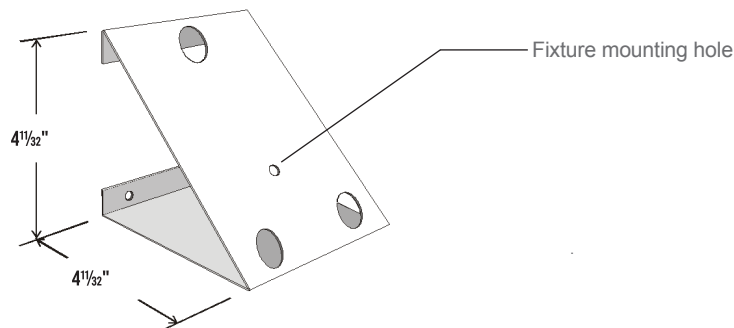
Additional lumen packages and color temperatures available.

MOUNTING ACCESSORIES

45° MOUNTING BRACKET

45MB

- 45° mounting bracket designed for mounting lighting fixtures at 45° angle
- Ideal for wall or ceiling mount applications
- 18 ga. electro-galvanized steel
- Baked white powder coated finish
- Two mounting brackets required for each 2' 4', pr 8' luminaire



Ceiling Mount



Wall Mount



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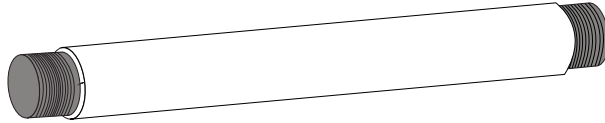


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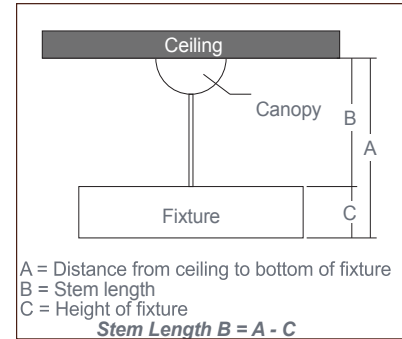
STEM (Length)

- 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"

Note: other lengths & finishes are available as specified

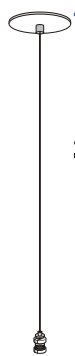


Stem Length Calculation



CANOPY / CABLE SUSPENSION SYSTEM

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



433B

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

443B-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-48SW-2C

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

COLOR
 W - White
 B - Black

CORD TYPE
 S - Straight cord

CABLE LENGTH
 48 - 48 inches
 96 - 96 inches
 (Other lengths as specified)

MECHANICAL OPTIONS

KNURLED HEAD THUMB SCREWS

Standard

- Stainless steel knurled head thumb screws



TAMPER PROOF SCREWS

TP

- Hex Pin Stainless Steel Tamper Proof Screws



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