



# WRAPAROUND LED

## WSE200 SERIES 2FT, 3FT, 4FT, 8FT

® IMPACT RESISTANT WRAPAROUND LED LUMINAIRE WITH SECURITY OPTIONS

JOB	
TYPE	
DATE	

WWW.LALIGHTING.COM

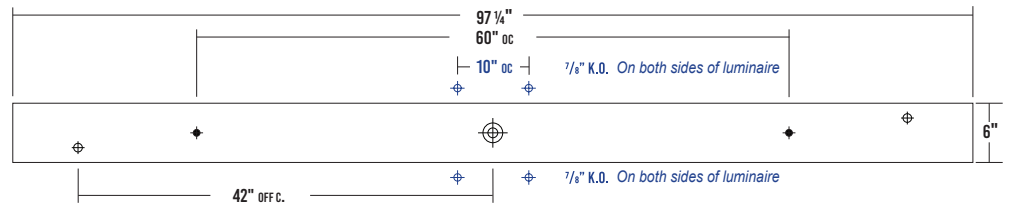
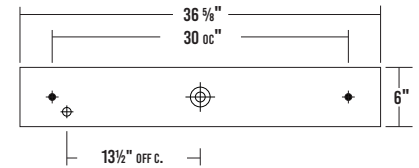
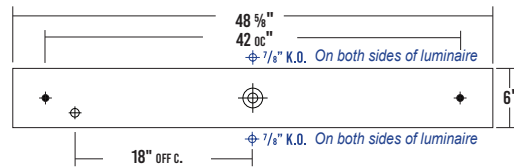
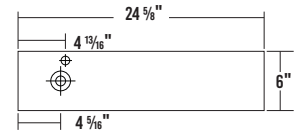
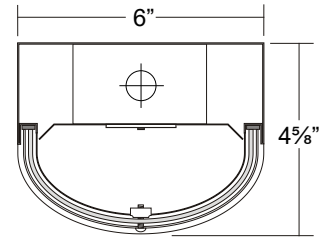
TEL: 626-454-8300

### 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
- 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.



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 El Monte, CA 91731  
 Made in the USA



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BAA Compliant

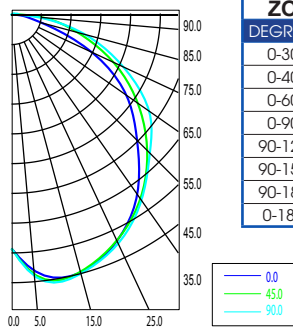
ORDERING INFORMATION

ADDITIONAL OPTIONS AVAILABLE. VISIT [WWW.LALIGHTING.COM/RESOURCES](http://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	
<b>WSE200</b>												
<b>WSE200</b> • Wraparound Security High Impact	1 - 1000lm 2 - 2000lm 3 - 3000lm 4 - 4000lm 5 - 5000lm 6 - 6000lm 8 - 8000lm  <b>High Efficacy</b> 1HE - 1000lm 2HE - 2000lm 3HE - 3000lm	2L • 2ft	<b>DRRLFR</b> <sup>1</sup> • Frosted Ribbed Acrylic  <b>FPC</b> • Frosted Smooth Polycarbonate	<b>(Blank)</b> • Standard White  <b>BLK</b> • Matte Black  <b>BZ</b> • Statuary Bronze  <b>CS</b> • Camaro Silver	<b>(Blank)</b> • Knurled Head Thumb Screw  <b>TP</b> • Tamper Proof Screws • Hex Socket w/Post  <b>PH</b> • Phillips Head Screws  <b>WL</b> • Wet Location • Electro-Galvanized Steel Housing  *Leave blank if not specified	<b>WLC(xx)</b> • Wireless Control  <i>Note: For integrated sensor, refer to WSE201. For end mounted sensor options, contact Customer Service.</i>	<b>BPL1.5</b> • 1500 lm Emergency Battery Pack  <b>C(xx)</b> • Cord 18 ga. 3-wire • Plug Options • NEMA Plug Type • Length of Cord • Location on the fixture  *Leave blank if not specified	<b>DRDM</b> • 0-10V Dimming Driver  <b>DRSD</b> • Step Dimming Driver  <b>DR2W</b> • 2-Wire Phase Dimming Driver • Requires Specific Voltage Callout	<b>UNV</b> • 120V-277V  <b>120V</b> • 120 Volt  <b>277V</b> • 277 Volt  <b>347V</b> • 347 Volt  <b>480V</b> • 480 Volt	1 • 1 LED Row	<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>8TW</b> • 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  <b>High Efficacy</b> 2HE - 2000lm 3HE - 3000lm 4HE - 4000lm 6HE - 6000lm	4L • 4ft										
	4 - 4000lm 6 - 6000lm 8 - 8000lm 12 - 12000lm  <b>High Efficacy</b> 4HE - 4000lm 6HE - 6000lm 8HE - 8000lm 12HE - 12000lm	8L • 8ft										
	<p>Standard options for WSE200 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.</p> <p><sup>1</sup> Blank lens callout in existing specification indicates DRRLFR</p>											

PHOTOMETRIC DATA



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

ALONG	ACROSS
1.23	1.33

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



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**WSE200 6" WIDE CURVED IMPACT RESISTANT WRAPAROUND LED LUMINAIRE WITH SECURITY OPTIONS**

**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	921	7.6	120.6 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	WSE200-2-2L-DRDM-UNV-1/840	1808	14.1	128.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	<a href="#">LA-T3868b</a>
3000 Lumens (Nominal)	WSE200-3-2L-DRDM-UNV-1/840	2769	22.1	125.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	WSE200-4-2L-DRDM-UNV-1/840	3666	27.2	134.4 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F17T8 2-F24T5HO	*
5000 Lumens (Nominal)	WSE200-5-2L-DRDM-UNV-1/840	4484	32.6	137.3 lm/W	-20°C / 35°C (-4°F / 95°F)	5-F17T8	*
6000 Lumens (Nominal)	WSE200-6-2L-DRDM-UNV-1/840	5325	39.4	135.1 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F17T8 3-F24F24T5HO	*
8000 Lumens (Nominal)	WSE200-8-2L-DRDM-UNV-1/840	7190	52.3	137.3 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
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	995	7.5	132.8 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	WSE200-2HE-2L-DRDM-UNV-1/840	1770	12.3	143.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
3000 Lumens (Nominal)	WSE200-3HE-2L-DRDM-UNV-1/840	2674	18.6	143.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
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	908	5.5	164.3 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*
2000 Lumens (Nominal)	WSE200-2-3L-DRDM-UNV-1/840	1832	11.4	160.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F30T8	*
3000 Lumens (Nominal)	WSE200-3-3L-DRDM-UNV-1/840	2717	17.4	156.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F25T8, 1-F39T5HO	<a href="#">LA-T3869b</a>
4000 Lumens (Nominal)	WSE200-4-3L-DRDM-UNV-1/840	3836	25.6	149.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F30T8	*
5000 Lumens (Nominal)	WSE200-5-3L-DRDM-UNV-1/840	4630	31.4	147.4 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*
6000 Lumens (Nominal)	WSE200-6-3L-DRDM-UNV-1/840	5627	39.0	144.0 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	1872	13.4	139.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
3000 Lumens (Nominal)	WSE200-3-4L-DRDM-UNV-1/840	2965	22.1	134.2 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*
4000 Lumens (Nominal)	WSE200-4-4L-DRDM-UNV-1/840	3676	26.7	137.6 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	<a href="#">LA-T3870b</a>
6000 Lumens (Nominal)	WSE200-6-4L-DRDM-UNV-1/840	5725	43.6	131.0 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	WSE200-8-4L-DRDM-UNV-1/840	7452	51.1	145.7 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
10000 Lumens (Nominal)	WSE200-10-4L-DRDM-UNV-1/840	9116	61.3	148.5lm/W	-20°C / 35°C (-4°F / 95°F)	5-F32T8	*
12000 Lumens (Nominal)	WSE200-12-4L-DRDM-UNV-1/840	10826	74.9	144.5 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*

**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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**MADE IN THE USA**  
BAA Compliant

**SYSTEM DATA**

**ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION**

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	2024	13.5	149.4 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
3000 Lumens (Nominal)	WSE200-3HE-4L-DRDM-UNV-1/840	2823	18.3	154.1 lm/W	-20°C / 35°C (-4°F / 95°F)	-	*
4000 Lumens (Nominal)	WSE200-4HE-4L-DRDM-UNV-1/840	3595	23.4	153.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	WSE200-6HE-4L-DRDM-UNV-1/840	5437	36.4	149.4 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	WSE200-4-8L-DRDM-UNV-1/840	3672	25.7	142.54 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
6000 Lumens (Nominal)	WSE200-6-8L-DRDM-UNV-1/840	5463	38.9	140.27 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	WSE200-8-8L-DRDM-UNV-1/840	7211	52.6	136.91 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	<a href="#">LA-T3871b</a>
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	3572	22.7	157.13 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
6000 Lumens (Nominal)	WSE200-6HE-8L-DRDM-UNV-1/840	5537	35.4	156.27 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	WSE200-8HE-8L-DRDM-UNV-1/840	7059	45.3	155.88 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	WSE200-12HE-8L-DRDM-UNV-1/840	10663	71.1	149.91 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*

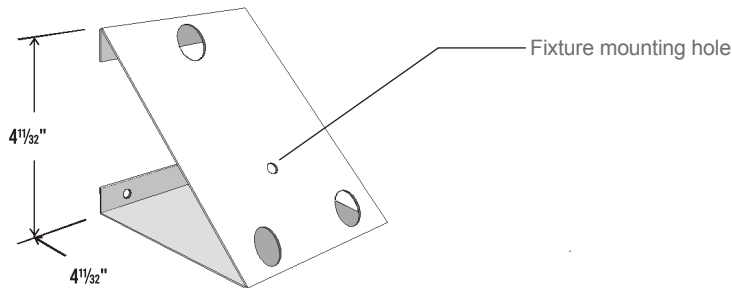
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Additional lumen packages and color temperatures available.

**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



Note: Must drill own holes for 45° mounting bracket

Ceiling Mount



Wall Mount



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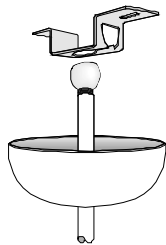
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**MOUNTING ACCESSORIES**

**CANOPY SUSPENSION**

- Ball action joint provides a full circumferential 45° swivel action
- Canopy bowls turn-lock onto bracket
- Baked white enamel (other finishes available as specified)
- Minimum one (1) of each per fixture

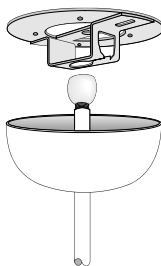


**565 (Non-Feed Version)**

- Includes
  - Mounting bracket
  - Turn-lock canopy bowl
  - Ball action joint

**565 (Non-Feed Version)**

- Minimum stem length is 12"
- Maximum weight is 50lbs per stem



**575 (Feed Version)**

- Includes
  - Flash plate
  - Mounting bracket
  - Turn-lock canopy bowl
  - Ball action joint

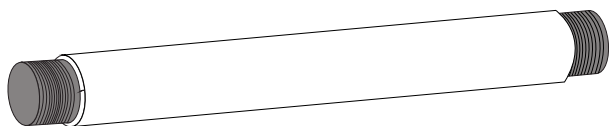
**575 (Feed Version)**

- Minimum stem length is 6"
- Maximum weight is 20lbs per stem
- Maximum weight is 50lbs per stem for lengths 12" and longer

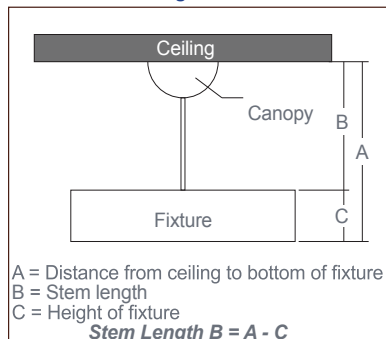
**STEM (Length)**

- 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"
- Baked white enamel finish

Note: other lengths & finishes are available as specified

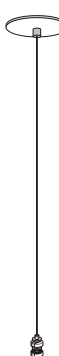


**Stem Length Calculation**



**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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