WRAPAROUND LED

WSE201 SERIES 2FT, 3FT, 4FT, 8FT

LED WRAPAROUND SECURITY HIGH IMPACT RADIAL SENSOR CONTROLLED

JOB	
TYPE	
DATE	

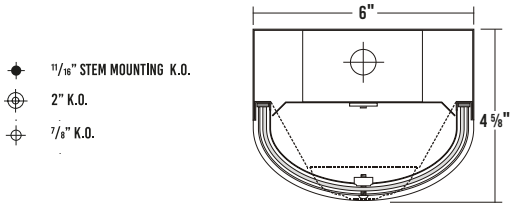
WWW.LALIGHTING.COM TEL: 626-454-8300

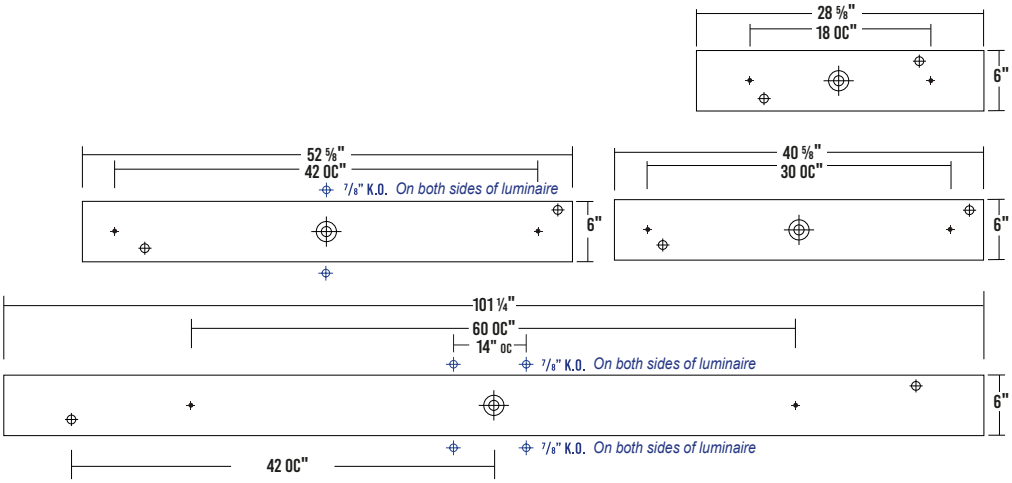
SURFACE/STEM/SUSPENSION MOUNTED LED LUMINAIRE





*Sensor mounted in center for 8' fixtures





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
- Emergency battery pack
- 10 kV surge protector
- Color 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.
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ORDERING INFORMATION

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

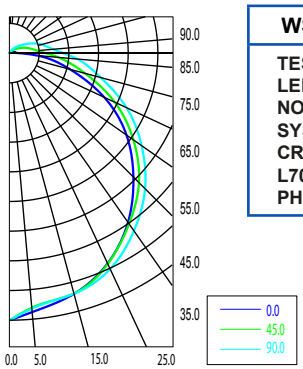
EXAMPLE: WSE201-4-4L-TP-MS(LW)-BPL1.5-DRDM-UNV-1/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	OPTICAL	COLOR	MECHANICAL	CONTROLS	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
WSE201										**1**	
WSE201 • Wraparound Security High Impact Sensor Controlled	**1** - 1000lm **2** - 2000lm **3** - 3000lm **4** - 4000lm **5** - 5000lm **6** - 6000lm **High Efficac** **1HE** - 1000lm **2HE** - 2000lm **3HE** - 3000lm	**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	**MSPCD(W)(xx)** • Motion Sensor & Photocell Dimming • Wet Location • Lens Option **MSPC(W)(xx)** • Motion Sensor & Photocell • Wet Location • Lens Option **MSSD(W)(xx)** • Motion Sensor Step Dimming (Bi-Level) • Wet Location • Lens Option **MS(W)(xx)** • Motion Sensor • Wet Location • Lens Option **WLC(xx)** • Wireless Control *Note: For no sensor, refer to WSE200.*	**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 **16** - 16000lm **High Efficac** **2HE** - 2000lm **3HE** - 3000lm **4HE** - 4000lm **6HE** - 6000lm	**4L** • 4ft									
	4 - 4000lm **6** - 6000lm **8** - 8000lm **12** - 12000lm **16** - 16000lm **20** - 20000lm **24** - 24000lm **High Efficac** **4HE** - 4000lm **6HE** - 6000lm **8HE** - 8000lm **12HE** - 12000lm	**8L** • 8ft									

Standard options for WSE201 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



WSE201-4-4L-MS-DRDM-UNV-1/840

TEST NO. = LA-T3621
LED TYPE = 56 LED MODULE
NO. OF MODULE = 2
SYSTEM WATT (W) = 26.7
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE = C

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	905	22.2	24.4
0-40	1477	36.2	39.8
0-60	2717	64.1	70.6
0-90	3534	86.5	95.3
90-120	154	3.8	4.2
90-150	174	4.3	4.7
90-180	174	4.3	4.7
0-180	3708	90.8	100.0

SPACING CRITERION

ALONG	ACROSS
1.23	1.26

Luminaire Output = 3708.52 lumens
Luminaire Efficacy = 138.90 lm/W
Luminaire Efficiency = 90.76%

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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	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	WSE201-1-2L-MS(xx)-DRDM-UNV-1/840	949	7.6	124.19 lm/W	91.13%	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	WSE201-2-2L-MS(xx)-DRDM-UNV-1/840	1862	14.1	131.81 lm/W	91.13%	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	LA-T3618
3000 Lumens (Nominal)	WSE201-3-2L-MS(xx)-DRDM-UNV-1/840	2851	22.1	128.88 lm/W	91.13%	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	WSE201-4-2L-MS(xx)-DRDM-UNV-1/840	3774	27.3	138.37 lm/W	91.13%	-20°C / 35°C (-4°F / 95°F)	4-F17T8 2-F24T5HO	*
5000 Lumens (Nominal)	WSE201-5-2L-MS(xx)-DRDM-UNV-1/840	4617	32.7	141.40 lm/W	91.13%	-20°C / 35°C (-4°F / 95°F)	5-F17T8	*
6000 Lumens (Nominal)	WSE201-6-2L-MS(xx)-DRDM-UNV-1/840	5282	34.4	139.13 lm/W	91.13%	-20°C / 35°C (-4°F / 95°F)	6-F17T8 3-F24F24T5HO	*
8000 Lumens (Nominal)	WSE201-8-2L-MS(xx)-DRDM-UNV-1/840	7402	52.4	141.38 lm/W	90.76%	-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	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	WSE201-1HE-2L-MS(xx)-DRDM-UNV-1/840	1025	7.5	136.70 lm/W	91.13%	-20°C / 35°C (-4°F / 95°F)	1-F17T8	*
2000 Lumens (Nominal)	WSE201-2HE-2L-MS(xx)-DRDM-UNV-1/840	1823	12.4	147.28 lm/W	91.13%	-20°C / 35°C (-4°F / 95°F)	2-F17T8 1-F24T5HO	*
3000 Lumens (Nominal)	WSE201-3HE-2L-MS(xx)-DRDM-UNV-1/840	2753	18.7	147.36 lm/W	91.13%	-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	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	WSE201-1-3L-MS(xx)-DRDM-UNV-1/840	912	5.8	157.11 lm/W	90.92%	-20°C / 35°C (-4°F / 95°F)	-	*
2000 Lumens (Nominal)	WSE201-2-3L-MS(xx)-DRDM-UNV-1/840	1839	11.8	155.44 lm/W	90.92%	-20°C / 35°C (-4°F / 95°F)	1-F25T8	*
3000 Lumens (Nominal)	WSE201-3-3L-MS(xx)-DRDM-UNV-1/840	2727	17.8	152.92 lm/W	90.92%	-20°C / 35°C (-4°F / 95°F)	-	LA-T3619
4000 Lumens (Nominal)	WSE201-4-3L-MS(xx)-DRDM-UNV-1/840	3850	25.6	150.12 lm/W	90.92%	-20°C / 35°C (-4°F / 95°F)	2-F25T8	LA-T3624
5000 Lumens (Nominal)	WSE201-5-3L-MS(xx)-DRDM-UNV-1/840	4645	31.4	147.96 lm/W	90.92%	-20°C / 35°C (-4°F / 95°F)	-	*
6000 Lumens (Nominal)	WSE201-6-3L-MS(xx)-DRDM-UNV-1/840	5646	39.1	144.49 lmW	90.92%	-20°C / 35°C (-4°F / 95°F)	3-F25T8	*

4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	WSE201-2-4L-MS(xx)-DRDM-UNV-1/840	1889	13.4	140.78 lm/W	90.76%	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
3000 Lumens (Nominal)	WSE201-3-4L-MS(xx)-DRDM-UNV-1/840	2991	22.1	135.35 lm/W	90.76%	-20°C / 35°C (-4°F / 95°F)	-	*
4000 Lumens (Nominal)	WSE201-4-4L-MS(xx)-DRDM-UNV-1/840	3708	26.7	138.85 lm/W	90.76%	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	LA-T3621
6000 Lumens (Nominal)	WSE201-6-4L-MS(xx)-DRDM-UNV-1/840	5774	43.7	132.22 lm/W	90.76%	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	WSE201-8-4L-MS(xx)-DRDM-UNV-1/840	7516	51.1	146.98 lm/W	90.76%	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
10000 Lumens (Nominal)	WSE201-10-4L-MS(xx)-DRDM-UNV-1/840	9195	61.4	149.8 lm/W	90.76%	-20°C / 35°C (-4°F / 95°F)	5-F32T8	*
12000 Lumens (Nominal)	WSE201-12-4L-MS(xx)-DRDM-UNV-1/840	10919	74.9	145.75 lm/W	90.76%	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*
16000 Lumens (Nominal)	WSE201-16-4L-MS(xx)-DRDM-UNV-1/840	14741	97.9	150.55 lm/W	90.76%	-20°C / 35°C (-4°F / 95°F)	8-F32T8 4-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.

Los Angeles Lighting Mfg. Co.
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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	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	WSE201-2HE-4L-MS(xx)-DRDM-UNV-1/840	2042	13.5	150.76 lm/W	90.76%	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
3000 Lumens (Nominal)	WSE201-3HE-4L-MS(xx)-DRDM-UNV-1/840	2848	18.3	155.50 lm/W	90.76%	-20°C / 35°C (-4°F / 95°F)	-	*
4000 Lumens (Nominal)	WSE201-4HE-4L-MS(xx)-DRDM-UNV-1/840	3630	23.5	154.78 lm/W	90.76%	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	WSE201-6HE-4L-MS(xx)-DRDM-UNV-1/840	5484	36.4	150.68 lm/W	90.76%	-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	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	WSE201-4-8L-MS(xx)-DRDM-UNV-1/840	3673	25.8	142.54 lm/W	88.25%	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
6000 Lumens (Nominal)	WSE201-6-8L-MS(xx)-DRDM-UNV-1/840	5464	39.0	140.27 lm/W	88.25%	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	WSE201-8-8L-MS(xx)-DRDM-UNV-1/840	7212	52.7	136.91 lm/W	88.25%	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	LA-T3622
12000 Lumens (Nominal)	WSE201-12-8L-MS(xx)-DRDM-UNV-1/840	10905	81.9	133.11 lm/W	88.25%	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*
16000 Lumens (Nominal)	WSE201-16-8L-MS(xx)-DRDM-UNV-1/840	14303	99.2	144.21 lm/W	88.25%	-20°C / 35°C (-4°F / 95°F)	8-F32T8 4-F54T5HO	*
20000 Lumens (Nominal)	WSE201-20-8L-MS(xx)-DRDM-UNV-1/840	17881	123.0	145.4 lm/W	88.25%	-20°C / 35°C (-4°F / 95°F)	-	*
24000 Lumens (Nominal)	WSE201-24-8L-MS(xx)-DRDM-UNV-1/840	21234	142.2	142.3 lm/W	88.25%	-20°C / 35°C (-4°F / 95°F)	6-F54T5HO 400W MH	*

8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	LUMINAIRE EFFICIENCY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	WSE201-4HE-8L-MS(xx)-DRDM-UNV-1/840	3753	22.7	157.13 lm/W	88.25%	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
6000 Lumens (Nominal)	WSE201-6HE-8L-MS(xx)-DRDM-UNV-1/840	5538	35.4	156.27 lm/W	88.25%	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	WSE201-8HE-8L-MS(xx)-DRDM-UNV-1/840	7059	45.3	155.88 lm/W	88.25%	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	WSE201-12HE-8L-MS(xx)-DRDM-UNV-1/840	10664	71.1	149.91 lm/W	88.25%	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*

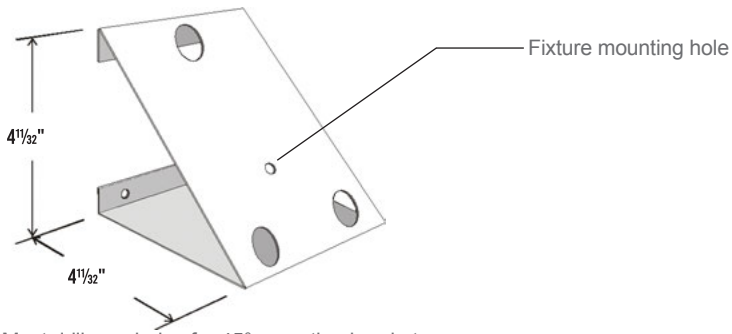
NOTE:
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Additional lumen packages and color temperatures available.

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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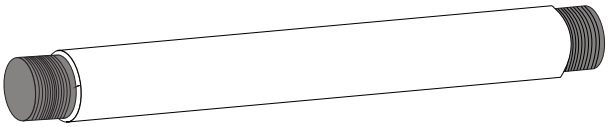
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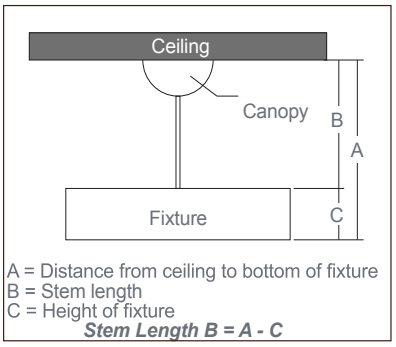
MOUNTING ACCESSORIES

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

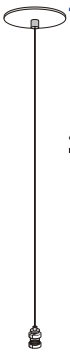


A = Distance from ceiling to bottom of fixture
B = Stem length
C = Height of fixture
Stem Length B = A - C

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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El Monte, CA 91731
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.
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MADE IN THE USA
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