



SECURITY WSE 100 (4FT)

SERIES (2' AND 8' AVAILABLE)
HIGH IMPACT WRAPAROUND SECURITY LUMINAIRE

LED

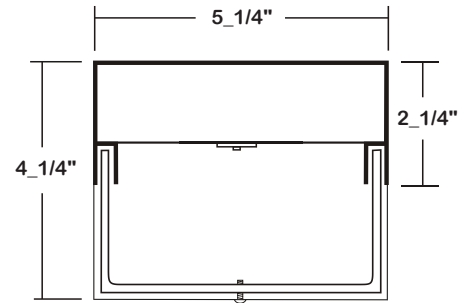
DATE

JOB

WWW.LALIGHTING.COM
626-454-8300

SURFACE / CEILING / WALL MOUNTED SECURITY LED LUMINAIRE

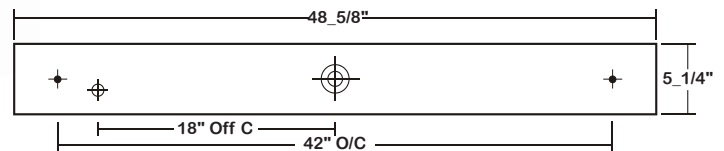
DIMENSIONS



◆ 11/16" STEM MTG. K.O.

⊕ 7/8" OFFSET K.O.

⊕ 2" K.O.



APPLICATIONS

- Security, Vandal Resistant Areas, Commercial

FEATURES

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

OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available
- Custom colors available
- Variety of lenses available
- Emergency battery pack available
- 10 kV surge protector
- Tunable white available (2700K-6500K)

SPECIFICATIONS

CONSTRUCTION

- 20 ga. cold rolled steel welded housing
- Spot welded seams and corners
- Lens secured by 2 tamper resistant screws

FINISH

- Baked white powder coated finish / welded and painted after fabrication / minimum reflectance 90%

OPTICAL

- High impact clear prismatic acrylic lens (nominal 0.125) standard

ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) $\leq 20\%$

LISTING

- UL USA and Canada listed / suitable for damp locations

WARRANTY

- 5-Year limited warranty standard. 10-Year limited warranty also available



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



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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Revised: 10/2/2025



ORDERING INFORMATION

EXAMPLE: WSE100-4-4L-DRP2-BPL1.5-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	COLOR	OPTICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
WSE100			4L						1	
WSE100 High Impact Wraparound Security LED Luminaire	2 Nom. 2000 Lumens 4 Nom. 4000 Lumens 6 Nom. 6000 Lumens 8 Nom. 8000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy (Only 2000 / 4000 / 6000 lumens Systems)	4L 4'	(Blank) Standard White BLK Matte Black CS Camaro Silver BZ Statuary Bronze	DRP2 High Impact Clear Prismatic Acrylic Nominal 0.125 PPC2 Clear Prismatic Polycarbonate Nominal 0.125	BPL1.5 1500lm Emergency Battery Pack SP10 10 kV Surge Protector WLC(LED RU) EnOcean Wireless Control *Leave Blank if Not Specified	DRDM 0-10V One Dimming Driver	UNV 120V-277V	1 One LED Row	830 80+CRI / 3000K Color Temp. 835 80+CRI / 3500K Color Temp. 840 80+CRI / 4000K Color Temp. 850 80+CRI / 5000K Color Temp. *Additional Color Temp. Available

Standard options for WSE100 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

THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	WSE100-2-4L-DRP2-DRDM-UNV-1/840	1969 lm	15.7 W	125.2 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	WSE100-4-4L-DRP2-DRDM-UNV-1/840	3762 lm	33.1 W	113.6 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	LA-T3182
6000 Lumens (Nominal)	WSE100-6-4L-DRP2-DRDM-UNV-1/840	5377 lm	52.3 W	102.8 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	WSE100-8-4L-DRP2-DRDM-UNV-1/840	7262 lm	53.8 W	135.0 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*

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)	WSE100-2HE-4L-DRP2-DRDM-UNV-1/840	1868 lm	12.7 W	147.1 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	WSE100-4HE-4L-DRP2-DRDM-UNV-1/840	3719 lm	25.9 W	143.5 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	WSE100-6HE-4L-DRP2-DRDM-UNV-1/840	5517 lm	39.6 W	139.2 lm/W	-20°C / 35°C	3-F32T8	*

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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OPTICAL OPTIONS

STANDARD LENSES FOR WSE100

DRP2	High Impact Clear Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base
PPC2	Clear Prismatic Polycarbonate, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base

CUSTOM COLORS

BLK - Matte Black

CS - Camaro Silver

BZ - Statuary Bronze

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



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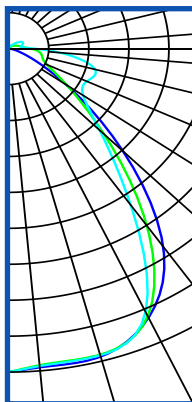
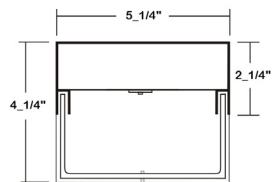
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PHOTOMETRIC DATA - WSE100 SERIES

WSE100-4-4L-DRP2-DRDM-UNV-1/840

TEST NO.=LA-T3182
LED TYPE=48 LED MODULE
NO. OF MODULE=2
SYSTEM WATT (W)=33.1
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	1784	1748	1748
5	1729	1717	1722
15	1724	1712	1716
25	1604	1596	1571
35	1306	1168	1031
45	784	653	624
55	341	344	440
65	119	205	418
75	36	168	433
85	9	140	248
90	3	107	125
95	3	76	72
115	2	37	76
125	2	25	62
135	1	15	36
145	1	8	19
155	0	3	8
165	0	1	2
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1388	32.4	36.9
0-40	2122	49.4	56.4
0-60	2978	69.5	79.1
0-90	3560	83.1	94.6
90-120	154.7	3.6	4.1
90-150	199.7	4.6	5.3
90-180	201.8	4.7	5.3
0-180	3762	87.8	100.00

Luminaire Output= 3762 lumens

Luminaire Efficacy = 113.6 lm/W

SPACING CRITERION

ALONG	ACROSS
1.23	1.13



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