



SECURITY WSE 100 (8FT)

SERIES (2' AND 4' AVAILABLE)
HIGH IMPACT WRAPAROUND SECURITY LUMINAIRE

LED

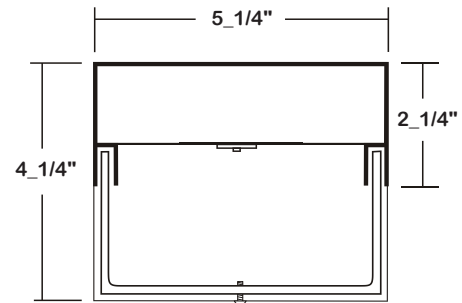
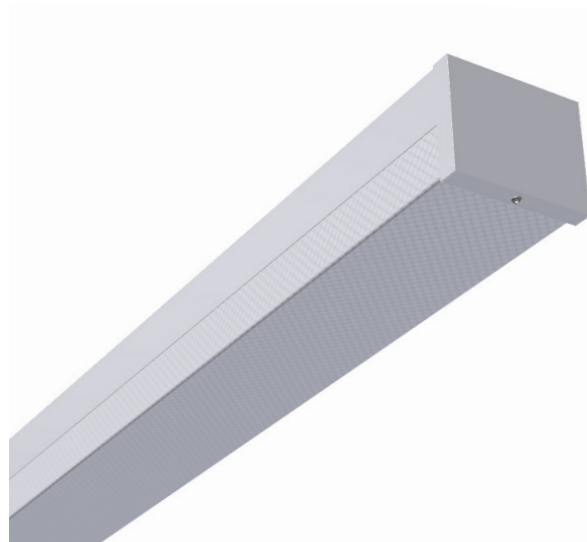
DATE

JOB

WWW.LALIGHTING.COM
626-454-8300

SURFACE / CEILING / WALL MOUNTED SECURITY LED LUMINAIRE

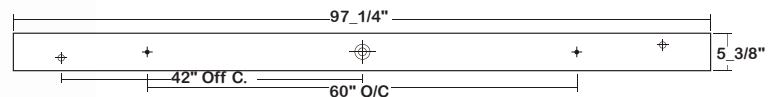
DIMENSIONS



◆ 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: 10/9/2025



ORDERING INFORMATION

EXAMPLE: WSE100-4-8L-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			8L						1	
WSE100 High Impact Wraparound Security LED Luminaire	4 Nom. 4000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens 16 Nom. 16000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy (Only 4000 / 8000 / 12000 lumens Systems)	8L 8'	(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 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
4000 Lumens (Nominal)	WSE100-4-8L-DRP2-DRDM-UNV-1/840	3951 lm	30.7 W	128.6 lm/W	-20°C / 35°C	2-F32T8	*
8000 Lumens (Nominal)	WSE100-8-8L-DRP2-DRDM-UNV-1/840	7547 lm	65.1 W	115.9 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	LA-T3183
12000 Lumens (Nominal)	WSE100-12-8L-DRP2-DRDM-UNV-1/840	10788 lm	102.2 W	105.5 lm/W	-20°C / 35°C	6-F32T8	*
16000 Lumens (Nominal)	WSE100-16+6-8L-DRP2-DRDM-UNV-1/840	14251 lm	107.4 W	132.7 lm/W	-20°C / 35°C	8-F32T8, 4-F54T5HO	*

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)	WSE100-4HE-8L-DRP2-DRDM-UNV-1/840	3666 lm	25.3 W	144.7 lm/W	-20°C / 35°C	2-F32T8	*
8000 Lumens (Nominal)	WSE100-8HE-8L-DRP2-DRDM-UNV-1/840	7297 lm	51.7 W	141.1 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	WSE100-12HE-8L-DRP2-DRDM-UNV-1/840	10826 lm	79.1 W	136.8 lm/W	-20°C / 35°C	3-F32T8	*



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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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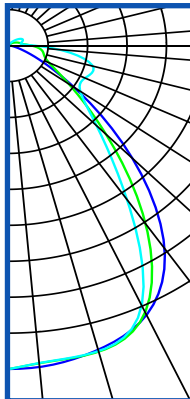
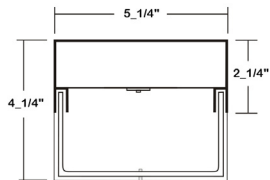
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PHOTOMETRIC DATA - WSE100 SERIES

WSE100-8-8L-DRP2-DRDM-UNV-1/840

TEST NO.=LA-T3183
LED TYPE=48 LED MODULE
NO. OF MODULE=4
SYSTEM WATT (W)=65.1
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	3448	3448	3448
5	3439	3399	3396
15	3356	3378	3371
25	3168	3137	3057
35	2639	2318	2004
45	1699	1336	1207
55	778	713	849
65	275	432	818
75	81	353	845
85	20	292	492
90	8	219	251
95	7	155	145
115	4	77	151
125	3	51	122
135	2	30	72
145	1	16	38
155	0	6	14
165	0	2	4
175	0	0	1
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	2727	31.8	36.1
0-40	4185	48.8	55.4
0-60	5950	69.4	78.8
0-90	7141	83.3	94.6
90-120	312.8	3.6	4.1
90-150	401.7	4.6	5.3
90-180	405.7	4.7	5.3
0-180	7547	88.0	100.00

Luminaire Output= 7547 lumens

Luminaire Efficacy = 115.9 lm/W

SPACING CRITERION

ALONG	ACROSS
1.24	1.12



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