



SECURITY WSE400 SERIES

HIGH IMPACT WRAPAROUND SECURITY LUMINAIRE

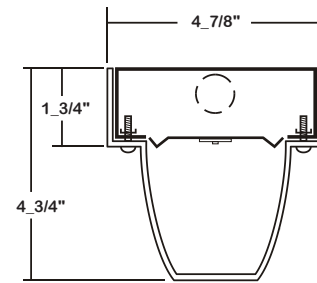
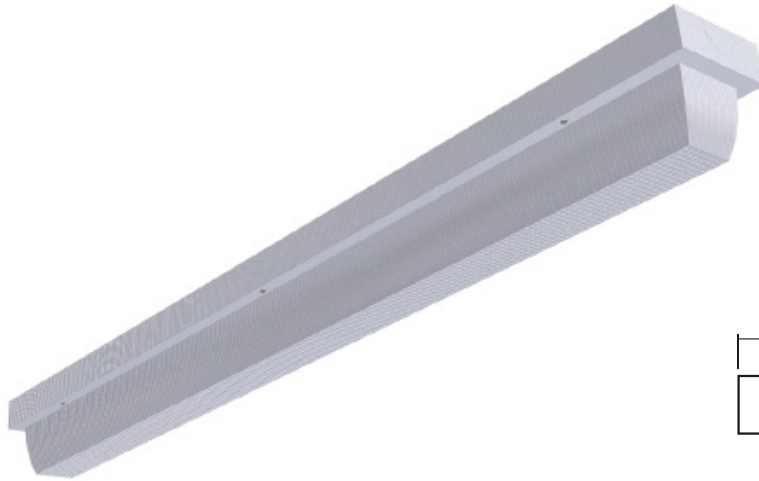
LED

DATE	
JOB	

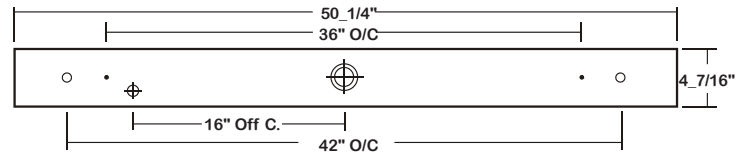
WWW.LALIGHTING.COM
626-454-8300

SURFACE / CEILING / WALL MOUNTED SECURITY LED LUMINAIRE

DIMENSIONS



• 3/8" MTG. K.O. ○ 11/16" STEM MTG. K.O. ⌀ 7/8" 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
- Emergency battery pack available
- 10 kV surge protector

SPECIFICATIONS

CONSTRUCTION

- 20 ga. cold rolled steel welded housing
- Spot welded seams and corners
- Lens secured by 6 stainless steel captive tamper resistant screws
- One-way cross-linked polyethylene gasket standard

FINISH

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

OPTICAL

- Clear prismatic polycarbonate lens (nominal 0.187) 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
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www.lalighting.com

10141 Olney Street
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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: 07/18/23



ORDERING INFORMATION

EXAMPLE: WSE400-4-4L-BPL1.5-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY		ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
WSE400			4L				1	
WSE400 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'	BPL1.5 1500lm Emergency Battery Pack SP10 10 kV Surge Protector WLC(LED RU) EnOcean Wireless Control *Leave Blank if Not Specified <u>Additional Electrical Options</u>	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 WSE400 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)	WSE400-2-4L-DRDM-UNV-1/840	2184 lm	15.7 W	138.9 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	WSE400-4-4L-DRDM-UNV-1/840	4172 lm	33.1 W	126.04 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	LA-T3188
6000 Lumens (Nominal)	WSE400-6-4L-DRDM-UNV-1/840	5964 lm	52.3 W	114.0 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	WSE400-8-4L-DRDM-UNV-1/840	8055 lm	53.8 W	149.8 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)	WSE400-2HE-4L-DRDM-UNV-1/840	2072 lm	12.7 W	163.2 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	WSE400-4HE-4L-DRDM-UNV-1/840	4125 lm	25.9 W	159.1 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	WSE400-6HE-4L-DRDM-UNV-1/840	6119 lm	39.6 W	154.4 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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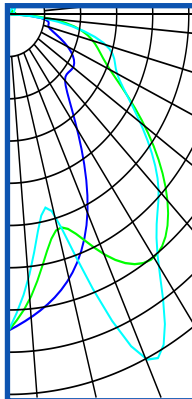
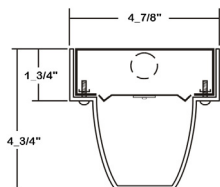
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PHOTOMETRIC DATA - WSE400 SERIES

WSE400-4-4L-DRDM-UNV-1/840

TEST NO.=LA-T3188
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	1340	1340	1340
5	1288	1211	1126
15	1160	941	880
25	927	1121	1611
35	592	1258	1300
45	396	1115	1053
55	391	825	797
65	324	556	594
75	206	434	499
85	153	202	161
90	25	13	11
95	21	15	8
115	10	23	30
125	7	24	38
135	3	21	44
145	1	8	25
155	0	1	4
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	947	22.1	22.7
0-40	1640	38.2	39.3
0-60	2990	69.8	71.6
0-90	4062	94.8	97.3
90-120	63.8	1.4	1.5
90-150	109.2	2.5	2.6
90-180	109.9	2.5	2.6
0-180	4172	97.3	100.00

Luminaire Output= 4172 lumens
Luminaire Efficacy = 126.04 lm/W

SPACING CRITERION

ALONG	ACROSS
0.94	1.45



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