



SECURITY - LED

Job Name Type



3-WSE500 SERIES

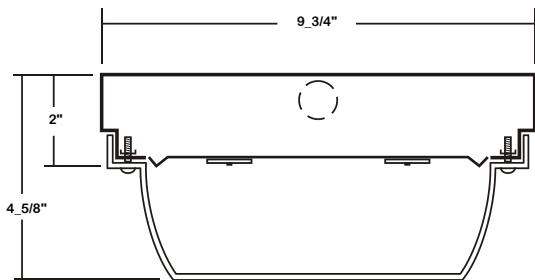
- Wraparound S**E**curity LED Luminaire
- 20 ga. Cold rolled steel housing
- Welded and painted after fabrication
- .187 Clear prismatic polycarbonate lens with gasket standard
- Stainless steel captive tamper proof screws
- Suitable for damp locations
- 0-10V dimming driver standard, other dimming types available
- LEDs for energy efficiency and service life up to 100,000 hours L70
- Controls and sensors available for your application
- Wireless control options (Lutron, EnOcean, ZigBee, etc.)
- Supports California Title 24 Compliance
- Available with:

Custom Colors
Emergency Battery Pack

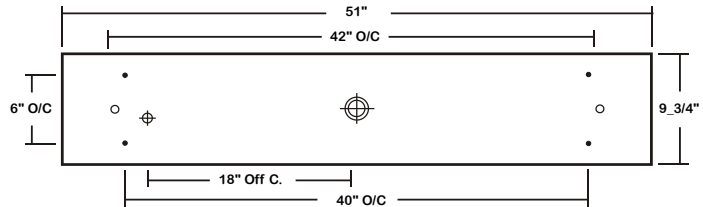
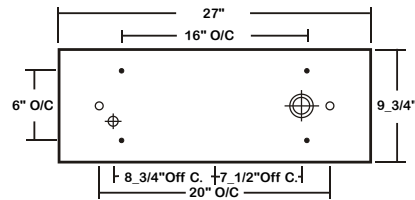


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DIMENSIONS



• 3/8" MTG. K.O. ○ 11/16" STEM MTG. K.O. ⊕ 7/8" K.O. ⊕ 2" K.O.



ORDERING GUIDE

Example: **3-WSE500** - **4K** - **4L** - **BPL** - **1DRDM** - **UNV** - **2** / **840**

3-WSE500 - - - - - **UNV** - **2** /

SERIES

LED SYSTEM LUMEN

2' | 2K-Nominal 2000 Lumens LED System
3K-Nominal 3000 Lumens LED System

4' | 2K-Nominal 2000 Lumens LED System
4K-Nominal 4000 Lumens LED System
6K-Nominal 6000 Lumens LED System

*Additional Luman Packages Available

LENGTH

2L- Nominal 2'
4L- Nominal 4'

ELECTRICAL OPTION

BPL- Emergency Battery Pack
[Additional Electrical Options](#)

CRI/CCT

835- 80+CRI / 3500K Color Temp.
840- 80+CRI / 4000K Color Temp.
850- 80+CRI / 5000K Color Temp.
*Additional Color Temp. Available

OF LED ROW

2- Two LED Rows

VOLTAGE

UNV- 120V-277V

DRIVER INFO.


1DRDM- 0-10V Dimming
[Additional Driver Options](#)



Los Angeles Lighting Mfg. Co. El Monte / California

TEL: 626-454-8300 FAX: 626-454-8399 www.lalighting.com

SYSTEM DATA

Nominal Size	LED Lumen Package	CRI/CCT	Delivered Lumens	System Watts	Luminaire Efficacy	Fluorescent Equivalent	IES Files	Photometric Report
2'	2K	840	2022 LM	18.1 W	111.7 LPW	2-F17T8	LA-T2587	 Click Here
	3K		2873 LM	27.8 W	103.3 LPW	3-F17T8	LA-T2588	
4'	2K		2111 LM	17 W	124.2 LPW	1-F32T8	LA-T2589	
	4K		4024 LM	33.1 W	121.6 LPW	2-F32T8	LA-T2590	
	6K		5664 LM	52.3W	108.3 LPW	3-F32T8	LA-T2591	

Note:

System data above are based on 120V input voltage.

Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice

SPECIFICATIONS

- **TYPE** Wraparound LED luminaire designed for use in public spaces where vandalism may be a problem.
- **CONSTRUCTION** Die formed 20 gauge. C.R.S. Spot welded seams and corners.
- **FINISH** Baked white powder coated finish, minimum reflectance 90%, painted after fabrication.
- **OPTICS** Clear prismatic polycarbonate gasketed lens standard, .187 thickness. Lens secured by 4 (or 6) stainless steel tamper resistant screws (Hex socket with post).
- **LED SYSTEM** High efficiency drivers coupled with long-life LEDs, service life greater than 100,000 hours (L70).
- **WIRING** Universal voltage 120V through 277V.
- **WARRANTY** 5-Year Limited Warranty.
- **LISTING** U.L. Listed. Suitable for damp locations.



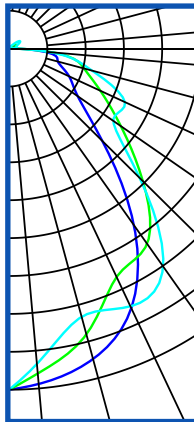
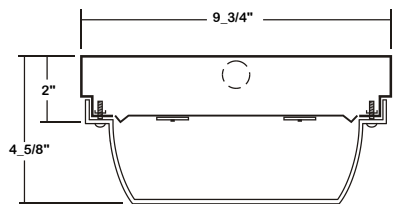
Los Angeles Lighting Mfg. Co. El Monte / California

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PHOTOMETRIC DATA - 3-WSE500 SERIES

3-WSE500-2K-2L-1DRDM(ULT)-UNV-2S/840(SAM)

TEST NO.=LA-T2587
 LED TYPE= 24 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=18.1
 CRI=>80
 L70(Hrs.)=50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER			
ANGLE	END	45	CROSS
0	792	792	792
5	785	759	755
15	745	685	649
25	662	587	656
35	502	552	617
45	305	436	424
55	194	313	294
65	152	233	295
75	115	179	197
85	82	102	98
90	18	14	13
95	9	11	11
105	14	16	17
115	13	19	23
125	9	14	30
135	5	5	15
145	1	1	4
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

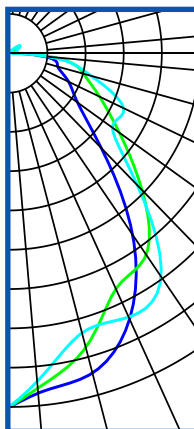
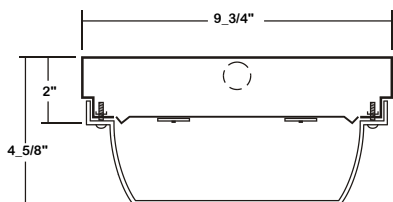
ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	557	25.9	27.6
0-40	906	42.1	44.8
0-60	1466	68.1	72.5
0-90	1952	90.6	96.5
90-120	48	2.2	2.4
90-150	70	3.3	3.5
90-180	70	3.3	3.5
0-180	2022	93.9	100.0

Luminaire Output= 2022 lumens
 Luminaire Efficiency = 93.9%

SPACING CRITERION	
ALONG	ACROSS
1.11	1.20

3-WSE500-3K-2L-1DRDM(ULT)-UNV-2S/840(SAM)

TEST NO.=LA-T2588
 LED TYPE= 24 LED MODULE
 NO. OF MODULE=2
 SYSTEM WATT (W)=27.8
 CRI=>80
 L70(Hrs.)=50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER			
ANGLE	END	45	CROSS
0	1135	1135	1135
5	1094	1079	1057
15	1062	977	929
25	941	834	934
35	711	789	875
45	430	621	599
55	275	444	416
65	217	329	417
75	166	254	280
85	116	144	139
90	25	20	18
95	13	17	15
105	20	23	25
115	18	28	33
125	12	20	43
135	7	8	21
145	2	1	6
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

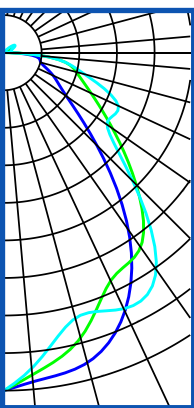
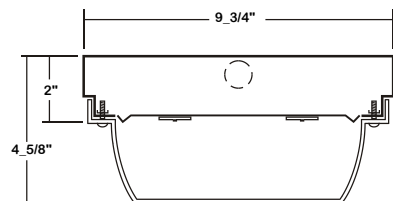
ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	793	25.9	27.6
0-40	1290	42.1	44.9
0-60	2083	68.1	72.5
0-90	2773	90.6	96.5
90-120	69	2.2	2.4
90-150	100	3.3	3.5
90-180	100	3.3	3.5
0-180	2873	93.9	100.0

Luminaire Output= 2873 lumens
 Luminaire Efficiency = 93.9%

SPACING CRITERION	
ALONG	ACROSS
1.11	1.19

3-WSE500-2K-4L-1DRDM(ULT)-UNV-2SP/840(SAM)

TEST NO.=LA-T2589
 LED TYPE= 24 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=17
 CRI=>80
 L70(Hrs.)=50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER			
ANGLE	END	45	CROSS
0	839	839	839
5	820	803	787
15	797	733	682
25	708	625	701
35	537	589	657
45	325	463	451
55	189	328	311
65	134	238	312
75	95	185	206
85	67	104	102
90	19	14	14
95	11	12	12
105	10	17	19
115	7	20	25
125	4	14	33
135	2	5	16
145	0	1	5
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

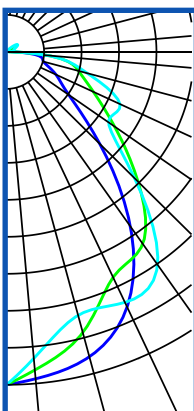
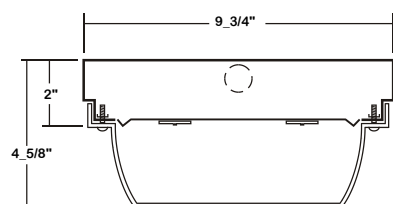
ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	593	26.2	28.1
0-40	966	42.7	45.7
0-60	1554	68.8	73.6
0-90	2042	90.4	96.7
90-120	48	2.1	2.3
90-150	69	3.1	3.3
90-180	69	3.1	3.3
0-180	2111	93.4	100.0

Luminaire Output= 2111 lumens
 Luminaire Efficiency = 93.4%

SPACING CRITERION	
ALONG	ACROSS
1.12	1.21

3-WSE500-4K-4L-1DRDM(ULT)-UNV-2SP/840(SAM)

TEST NO.=LA-T2590
 LED TYPE= 24 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=33.1
 CRI=>80
 L70(Hrs.)=50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER			
ANGLE	END	45	CROSS
0	1599	1599	1599
5	1576	1534	1478
15	1516	1396	1309
25	1352	1194	1327
35	1023	1126	1248
45	624	881	858
55	359	625	590
65	258	454	593
75	181	353	396
85	129	197	195
90	36	27	26
95	20	23	21
105	19	33	35
115	14	38	47
125	9	26	62
135	4	10	30
145	1	2	10
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1131	26.3	28.1
0-40	1841	42.7	45.7
0-60	2962	68.8	73.6
0-90	3893	90.4	96.7
90-120	92	2.1	2.3
90-150	132	3.1	3.3
90-180	132	3.1	3.3
0-180	4024	93.4	100.0

Luminaire Output= 4024 lumens
 Luminaire Efficiency = 93.4%

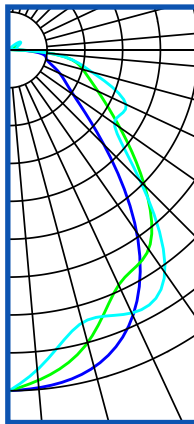
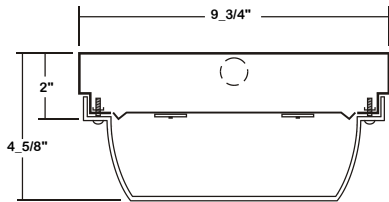
SPACING CRITERION	
ALONG	ACROSS
1.12	1.20



PHOTOMETRIC DATA - 3-WSE500 SERIES

3-WSE500-6K-4L-1DRDM(ULT)-UNV-2SP/840(SAM)

TEST NO.=LA-T2591
 LED TYPE= 24 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=52.3
 CRI=>80
 L70(Hrs.)=50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	2212	2212	2212
5	2201	2153	2085
15	2131	1968	1833
25	1903	1683	1884
35	1445	1580	1764
45	870	1243	1206
55	510	877	835
65	364	636	838
75	253	496	555
85	181	277	274
90	51	38	35
95	28	32	30
105	26	46	50
115	18	54	66
125	12	37	89
135	5	14	43
145	1	2	12
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1593	26.3	28.1
0-40	2593	42.8	45.8
0-60	4172	68.8	73.7
0-90	5479	90.4	96.7
90-120	128	2.1	2.3
90-150	185	3.1	3.3
90-180	185	3.1	3.3
0-180	5664	93.4	100.0

Luminaire Output= 5664 lumens
 Luminaire Efficiency = 93.4%

SPACING CRITERION

ALONG	ACROSS
1.13	1.24

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