



SECURITY LED

WSE 100 (8FT) SERIES (2' AND 4' AVAILABLE)

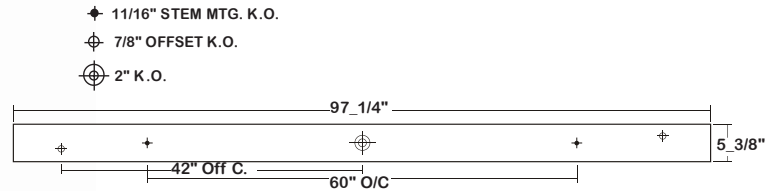
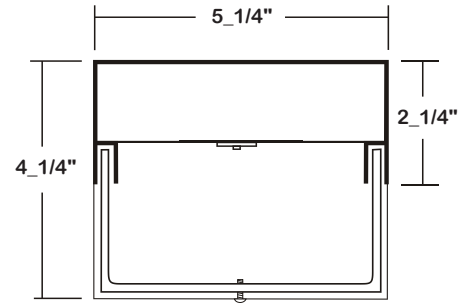
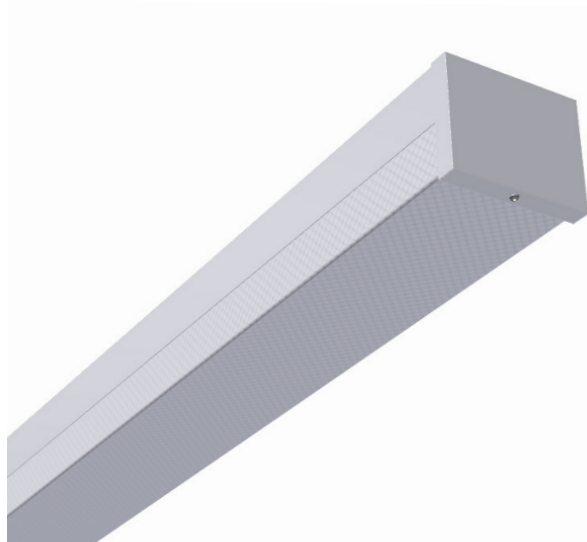
HIGH IMPACT WRAPAROUND SECURITY LUMINAIRE

| | |
|------|--|
| DATE | |
| JOB | |

WWW.LALIGHTING.COM
626-454-8300

SURFACE / CEILING / WALL MOUNTED SECURITY LED LUMINAIRE

DIMENSIONS



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
- 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 10141 Olney Street
F: 626-454-8399 El Monte, CA 91731
www.lalighting.com 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: 07/14/23



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 | | | | DRDM | UNV | 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 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 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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MADE IN THE USA
BAA Compliant

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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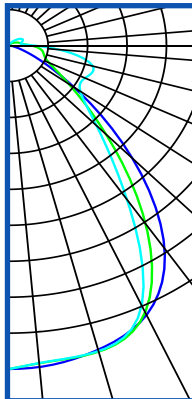
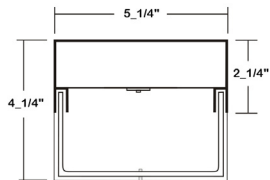


MADE IN THE USA
BAA Compliant

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 |

