



# WATCH LIGHT Series

## WL1 LED Security Lighting

### PRODUCT OVERVIEW



#### Features:

- Wide variety of lumen packages in type 3 & 5 distributions
- All aluminum housing & door
- 2-bolt mounting with +/- 5° adjustment
- Durable prismatic glass optics
- Optional acrylic refactor provides additional vertical foot-candles
- 3000K & 4000K CCT, 70 CRI
- Optional stainless steel thumbscrew for tool-less entry
- ANSI standard wattage label on all units

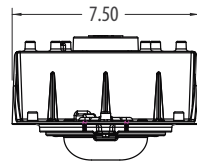
#### Standard Performance:

- 120 volt only
- 3 pin photocontrol receptacle
- optional photocontrol
- optional 10kV/5kA surge protection
- 25°C rated
- System life > 70K hrs.

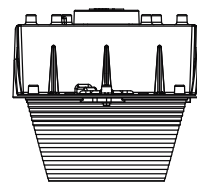
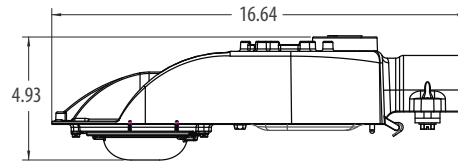
#### Premium Performance:

- 120 – 277 volt
- dimmable driver
- 3 pin or 7 pin photocontrol receptacle
- optional photocontrol, wireless adaptive control ready
- optional 20kV/10kA\* "extreme" surge protection
- Improved efficacy (lumens/watt)
- 40°C rated
- System life > 100K hrs.

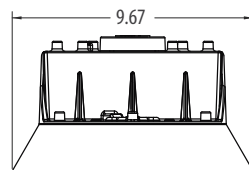
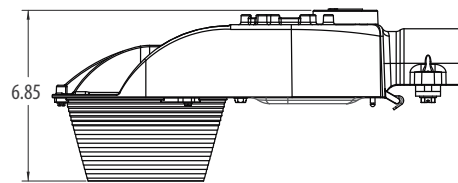
### DIMENSIONS



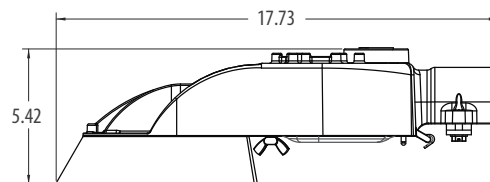
R3/R5 Optic



D3/D5 Optic



N3/N5 Optic



Effective Projected Area (EPA). The EPA for the WL1 is 0.35 sq. ft. Weight= 7.5 lbs. (3.4 kg)

\* Units without optional 20kV/10kA surge protection have a reduced capacity to protect installed driver and photocontrol

# WATCH LIGHT Series

## WL1 LED Security Lighting

### ORDERING INFORMATION

|        |
|--------|
| Series |
|--------|

**WL1** Watch Light

|               |
|---------------|
| Lumen Package |
|---------------|

- A** 4000 Lumens
- B** 5000 Lumens
- C** 6000 Lumens
- D** 8000 Lumens<sup>1</sup>

|             |
|-------------|
| Performance |
|-------------|

- (Blank)** Std. 120V only
- PRM** Premium, 120V - 277V

|        |
|--------|
| Optics |
|--------|

- R3** Roadway Type 3
- R5** Roadway Type 5
- N3** Type 3 - zero upright
- N5** Type 5 - zero upright
- D3** Type 3 with Drop Refractor
- D5** Type 5 with Drop Refractor

|                   |
|-------------------|
| Color Temperature |
|-------------------|

- (blank)** 4000K Color Temperature, 70CRI
- 3K** 3000K Color Temperature, 70 CRI

|       |
|-------|
| Paint |
|-------|

- (blank)** Unfinished Aluminum
- GY** Gray Super Durable paint

|                  |
|------------------|
| Surge protection |
|------------------|

- (blank)** 6kV/3kA
- MP** 10kV/5kA
- 20** 20kV/10kA<sup>1</sup>

|               |
|---------------|
| Miscellaneous |
|---------------|

- IG** Insect Guard
- LTS** Light trespass shield
- TL** Tool-less door entry
- JP** Job Pack
- SPK** Sample Pack
- CC** UL/CSA Certified
- PW#** Pre-wire, # indicates wire length in one foot increments from 1' thru 10' (e.g. PW4 = 4' of pre-wire)

|          |
|----------|
| Controls |
|----------|

- (blank)** 3 Pin NEMA Photocontrol Receptacle
- PCSS** DTL DSS Photocontrol
- PCLL** DTL DLL Photocontrol
- PCCC** DTL DCC Photocontrol
- P7<sup>1</sup>** 7 Pin Dimming Capable Photocontrol Receptacle
- SH** Shorting Cap

|                  |
|------------------|
| Install Packages |
|------------------|

- PKGS** DTL DSS Photocontrol
  - PKGL** DTL DLL Photocontrol
- Packages ship with selected photocontrol, 24", 1 1/4" diameter arm, 5' of prewire and mounting hardware

|                                  |
|----------------------------------|
| Accessories (Shipped Separately) |
|----------------------------------|

- WL1LTSU** Light Trespass Shield for R3 & R5 Optics
- WL1LTSRN** Light Trespass Shield for N3 & N5 Optics
- WL1LTS D** Light Trespass Shield for D3 & D5 Optics
- WL1SS** Street side Shield for R3, R5, N3, & N5 Optics
- WL1NU** Zero-uplight Shield
- WL1REF** Drop Refractor

**Notes:**

1. Not available with Std. Performance.

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.



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**Warranty** Five-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomResources/Terms_and_conditions.aspx)  
 Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

**Please contact your sales representative for the latest product information.**

# WATCH LIGHT Series

## WL1 LED Security Lighting

### PERFORMANCE PACKAGES

#### Standard Performance

| Performance Package | Distribution | Input Watts | 3K (3000K CCT, 70 CRI) |     |   |   |   | 4K (4000K CCT, 70 CRI) |     |   |   |   | LLD @ 25°C |            |
|---------------------|--------------|-------------|------------------------|-----|---|---|---|------------------------|-----|---|---|---|------------|------------|
|                     |              |             | Lumens                 | LPW | B | U | G | Lumens                 | LPW | B | U | G | 50k Hours  | 100k Hours |
| A                   | R3           | 39          | 4,194                  | 108 | 1 | 2 | 2 | 4,401                  | 113 | 1 | 2 | 2 | 0.90       | 0.85       |
|                     | R5           |             | 4,432                  | 114 | 2 | 2 | 1 | 4,710                  | 121 | 2 | 2 | 1 |            |            |
|                     | N3           |             | 3,854                  | 99  | 1 | 0 | 1 | 4,008                  | 103 | 1 | 0 | 1 |            |            |
|                     | N5           |             | 3,960                  | 102 | 2 | 0 | 1 | 4,197                  | 108 | 2 | 0 | 1 |            |            |
|                     | D3           |             | 4,101                  | 105 | 1 | 3 | 2 | 4,343                  | 111 | 1 | 3 | 2 |            |            |
|                     | D5           |             | 4,338                  | 111 | 2 | 3 | 2 | 4,616                  | 118 | 2 | 3 | 2 |            |            |
| B                   | R3           | 48          | 4,996                  | 104 | 1 | 3 | 2 | 5,180                  | 108 | 1 | 3 | 2 | 0.90       | 0.85       |
|                     | R5           |             | 5,268                  | 110 | 3 | 2 | 1 | 5,571                  | 116 | 3 | 2 | 1 |            |            |
|                     | N3           |             | 4,557                  | 95  | 1 | 0 | 1 | 4,777                  | 100 | 1 | 0 | 1 |            |            |
|                     | N5           |             | 4,703                  | 98  | 2 | 0 | 1 | 4,960                  | 103 | 2 | 0 | 1 |            |            |
|                     | D3           |             | 4,875                  | 102 | 2 | 3 | 2 | 5,096                  | 106 | 2 | 3 | 2 |            |            |
|                     | D5           |             | 5,152                  | 107 | 2 | 3 | 2 | 5,487                  | 114 | 3 | 3 | 2 |            |            |
| C                   | R3           | 58          | 5,945                  | 103 | 2 | 3 | 2 | 6,164                  | 106 | 2 | 3 | 2 | 0.90       | 0.85       |
|                     | R5           |             | 6,144                  | 106 | 3 | 2 | 1 | 6,537                  | 113 | 3 | 2 | 1 |            |            |
|                     | N3           |             | 5,385                  | 93  | 2 | 0 | 1 | 5,536                  | 95  | 2 | 0 | 2 |            |            |
|                     | N5           |             | 5,478                  | 94  | 2 | 0 | 1 | 5,834                  | 101 | 3 | 0 | 1 |            |            |
|                     | D3           |             | 5,811                  | 100 | 2 | 3 | 2 | 6,008                  | 104 | 2 | 3 | 2 |            |            |
|                     | D5           |             | 6,009                  | 104 | 3 | 3 | 2 | 6,308                  | 109 | 3 | 3 | 2 |            |            |

#### Premium Performance

| Performance Package | Distribution | Input Watts | 3K (3000K CCT, 70 CRI) |     |   |   |   | 4K (4000K CCT, 70 CRI) |     |   |   |   | LLD @ 25°C |           |            |
|---------------------|--------------|-------------|------------------------|-----|---|---|---|------------------------|-----|---|---|---|------------|-----------|------------|
|                     |              |             | Lumens                 | LPW | B | U | G | Lumens                 | LPW | B | U | G | 25k Hours  | 75k Hours | 100k Hours |
| A                   | R3           | 33          | 4,136                  | 125 | 1 | 2 | 1 | 4,355                  | 132 | 1 | 0 | 2 | 0.90       | 0.85      | 0.80       |
|                     | R5           |             | 4,168                  | 126 | 2 | 2 | 1 | 4,427                  | 134 | 1 | 0 | 2 |            |           |            |
|                     | N3           |             | 3,781                  | 115 | 1 | 0 | 1 | 4,165                  | 126 | 1 | 0 | 2 |            |           |            |
|                     | N5           |             | 3,876                  | 117 | 2 | 0 | 0 | 4,119                  | 125 | 1 | 0 | 2 |            |           |            |
|                     | D3           |             | 4,046                  | 123 | 1 | 3 | 2 | 4,270                  | 129 | 1 | 0 | 2 |            |           |            |
|                     | D5           |             | 4,095                  | 124 | 2 | 3 | 1 | 4,352                  | 132 | 1 | 0 | 2 |            |           |            |
| B                   | R3           | 43          | 5,154                  | 120 | 2 | 2 | 1 | 5,445                  | 127 | 1 | 0 | 2 | 0.90       | 0.85      | 0.80       |
|                     | R5           |             | 5,200                  | 121 | 2 | 2 | 1 | 5,496                  | 128 | 1 | 0 | 2 |            |           |            |
|                     | N3           |             | 4,950                  | 115 | 2 | 0 | 1 | 5,199                  | 121 | 1 | 0 | 3 |            |           |            |
|                     | N5           |             | 5,091                  | 118 | 2 | 0 | 1 | 5,091                  | 118 | 2 | 0 | 3 |            |           |            |
|                     | D3           |             | 5,039                  | 117 | 2 | 3 | 2 | 5,333                  | 124 | 2 | 0 | 3 |            |           |            |
|                     | D5           |             | 5,097                  | 119 | 2 | 3 | 1 | 5,402                  | 126 | 2 | 0 | 3 |            |           |            |
| C                   | R3           | 53          | 5,960                  | 112 | 2 | 2 | 1 | 6,324                  | 119 | 2 | 0 | 3 | 0.90       | 0.85      | 0.80       |
|                     | R5           |             | 6,014                  | 113 | 3 | 2 | 1 | 6,370                  | 120 | 2 | 0 | 3 |            |           |            |
|                     | N3           |             | 5,460                  | 103 | 2 | 0 | 1 | 6,045                  | 114 | 2 | 0 | 3 |            |           |            |
|                     | N5           |             | 5,585                  | 105 | 2 | 0 | 1 | 5,920                  | 112 | 2 | 0 | 3 |            |           |            |
|                     | D3           |             | 5,821                  | 110 | 2 | 3 | 2 | 6,185                  | 117 | 2 | 0 | 3 |            |           |            |
|                     | D5           |             | 5,898                  | 111 | 3 | 3 | 2 | 6,255                  | 118 | 2 | 0 | 3 |            |           |            |
| D                   | R3           | 60          | 7,649                  | 127 | 2 | 3 | 2 | 8,000                  | 133 | 2 | 0 | 3 | 0.90       | 0.85      | 0.80       |
|                     | R5           |             | 7,758                  | 129 | 3 | 2 | 1 | 8,212                  | 137 | 2 | 0 | 3 |            |           |            |
|                     | N3           |             | 7,369                  | 123 | 2 | 0 | 2 | 7,701                  | 128 | 2 | 0 | 3 |            |           |            |
|                     | N5           |             | 7,204                  | 120 | 3 | 0 | 1 | 7,613                  | 127 | 2 | 0 | 3 |            |           |            |
|                     | D3           |             | 7,487                  | 125 | 2 | 3 | 2 | 7,836                  | 131 | 2 | 0 | 3 |            |           |            |
|                     | D5           |             | 7,608                  | 127 | 3 | 3 | 2 | 8,040                  | 134 | 2 | 0 | 3 |            |           |            |

