



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

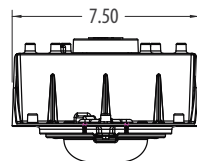
Standard Performance:

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

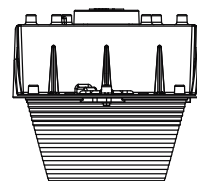
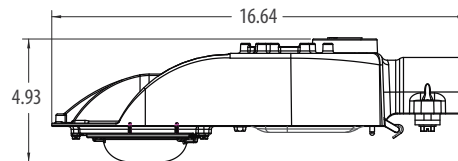
Premium Performance:

- 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.

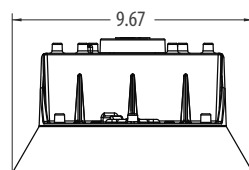
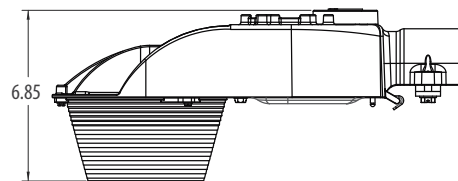
DIMENSIONS



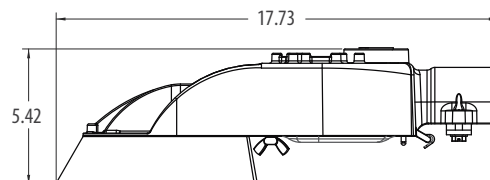
R3/R5 Optic



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 Lumens¹

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/10kA¹

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
- P7¹** 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 to confirm which versions are qualified.



AEL Headquarters, 3825 Columbus Road, Granville, OH 43023
www.americanelectriclighting.com

© 2016-2019 Acuity Brands Lighting, Inc. All Rights Reserved. WL1 Rev. 01/15/19

Warranty Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/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			

