

Project		Catalog #		Type	
Prepared by		Notes		Date	



Invue

ClearCurve Pedestrian

Pedestrian Luminaire

Product Features



Product Certifications



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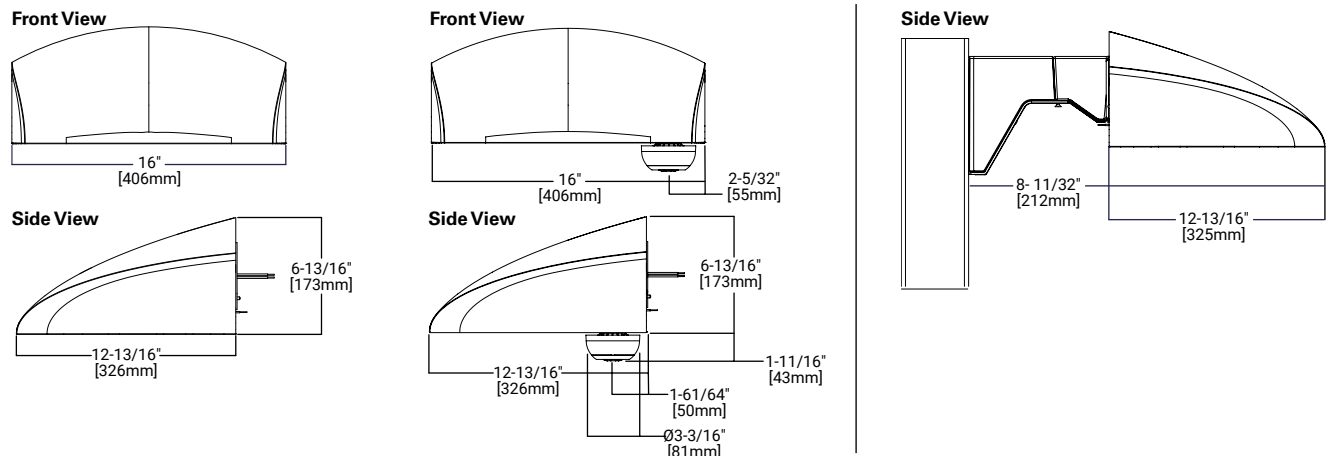
Quick Facts

- Available with Visual Comfort or Discrete optics configurations
- Lumen packages from 1,600 to over 14,000 lumens (18W to 110W)
- Efficacy up to 157 lumens per watt
- Standard quick mount arm with universal drill pattern
- Available with internal battery for emergency lighting

Connected Systems

- WaveLinx

Dimensional Details



NOTES:

1. Visit <https://www.designlights.org/search/> to confirm qualification. Not all product variations are DLC qualified.

Ordering Information

SAMPLE NUMBER: **CCP-VA4-740-U-T4W-GM**

Product Family ¹	Light Engine		Color Temperature	Voltage	Distribution	Finish														
	Visual Comfort Configurations																			
CCP =ClearCurve Pedestrian BAA-CCP =ClearCurve Pedestrian Buy American Act Compliant ²⁸ TAA-CCP =ClearCurve Pedestrian Trade Agreements Act Compliant ²⁸	VA1 =Wavestream, 2,800 lumens VA2 =Wavestream, 3,800 lumens VA3 =Wavestream, 4,500 lumens VA4 =Wavestream, 6,000 lumens VA5 =Wavestream, 8,000 lumens ² VA6 =Wavestream, 10,000 lumens ² <table><tr><th>Discrete Configurations</th><th>Drive Current</th></tr><tr><td>SA1=1 Light Square</td><td>A=350mA</td></tr><tr><td>SA2=2 Light Squares</td><td>B=450mA</td></tr><tr><td></td><td>C=615mA</td></tr><tr><td></td><td>D=800mA</td></tr><tr><td></td><td>E=1050mA</td></tr><tr><td></td><td>F=1200mA ³</td></tr></table>		Discrete Configurations	Drive Current	SA1 =1 Light Square	A =350mA	SA2 =2 Light Squares	B =450mA		C =615mA		D =800mA		E =1050mA		F =1200mA ³	727 =70CRI, 2700K 730 =70CRI, 3000K 735 =70CRI, 3500K 740 =70CRI, 4000K 750 =70CRI, 5000K 760 =70CRI, 6000K 827 =80CRI, 2700K 830 =80CRI, 3000K 835 =80CRI, 3500K 840 =80CRI, 4000K 850 =80CRI, 5000K AMB =Amber 590nm ²⁵	U =Universal, 120-277V 1 =120V 2 =208V 3 =240V 4 =277V 8 =480V ⁴ 9 =347V	T1 =Type I ⁵ T2 =Type II T3 =Type III T4FT =Type IV Forward Throw T4W =Type IV Wide 5WQ =Type V Square Wide 5MQ =Type V Square Medium 5NQ =Type V Square Narrow SL2 =Type II w/Spill Control ⁵ SL3 =Type III w/Spill Control ⁵ SL4 =Type IV w/Spill Control ⁵ RW =Rectangular Wide Type I AFL =Automotive Frontline SLL =90° Spill Light Eliminator Left ⁵ SLR =90° Spill Light Eliminator Right ⁵	AP =Grey BZ =Bronze BK =Black DP =Dark Platinum GM =Graphite Metallic WH =White
Discrete Configurations	Drive Current																			
SA1 =1 Light Square	A =350mA																			
SA2 =2 Light Squares	B =450mA																			
	C =615mA																			
	D =800mA																			
	E =1050mA																			
	F =1200mA ³																			
Options (Add as Suffix)				Accessories (Order Separately)																
F = Single Fuse (120V, 277V or 347V. Must Specify Voltage) FF = Double Fuse (208, 240, or 480V. Must Specify Voltage) 10MSP = 10kV MOV Surge Protective Device 20MSP = 20kV MOV Surge Protective Device 20K = 20kV UL 1449 Fused Surge Protective Device 2L = Two Circuits ^{5,6} L90 = Optics Rotated 90° Left ⁵ R90 = Optics Rotated 90° Right ⁵ HSS = House Side Shield (Factory Installed) ^{5,9} HA = 50°C High Ambient Temperature ¹⁰ TR = Tamper Resistant Hardware CC = Coastal Construction ¹¹ DALI = DALI Driver BPC = Button Type Photocontrol ¹² PR = NEMA 3-PIN Twistlock Photocontrol Receptacle ¹⁴ PR7 = NEMA 7-PIN Twistlock Photocontrol Receptacle ¹⁴ AHD145 = After Hours Dim, 5 Hours ¹⁵ AHD245 = After Hours Dim, 6 Hours ¹⁵ AHD255 = After Hours Dim, 7 Hours ¹⁵ AHD355 = After Hours Dim, 8 Hours ¹⁵ MS/DIM-L08 = Motion Sensor for Dimming Operation, Up to 8' Mounting Height ^{12,16} MS/DIM-L20 = Motion Sensor for Dimming Operation, 9' - 20' Mounting Height ^{12,16} SPB1 = Motion Sensor for Dimming Operation, BLE Interface, Up to 8' Mounting Height ^{12,17} SPB2 = Motion Sensor for Dimming Operation, BLE Interface, 8' - 20' Mounting Height ^{12,17} ZD = DALI-enabled 4-PIN Zhaga Receptacle ^{12,18,19} ZW = Wavelinx-enabled 4-PIN Zhaga Receptacle ^{12,18,19} SWPD4XX = Wavelinx Wireless Sensor, 7' - 15' Mounting Height ^{12,18,19,20} ; replace XX with sensor color (WH, BX or BK) SWPD5XX = Wavelinx Wireless Sensor, 15' - 40' Mounting Height ^{12,18,19,20} ; replace XX with sensor color (WH, BX or BK) FADC = Field Adjustable Dimming Control ²⁶ X = No surge protector EMERGENCY OPTIONS (choose only one) EBP = Emergency Battery Pack (Ambient Temp, 0° to 40°C) ^{7,8,13,27} CBP = Cold Weather Emergency Battery Pack (Ambient Temp, -20° to 40°C) ^{7,8,13,27} CBP-CEC = Cold Weather Emergency Battery Pack, CEC Compliant (Ambient Temp, -20° to 40°C) ^{7,8,13,27} ITS = Internal Transfer Switch, UL Recognized Component ^{7,13}				OA/RA1013 = Photocontrol Shorting Cap OA/RA1014 = NEMA Photocontrol - 120V OA/RA1016 = NEMA Photocontrol - Multi-Tap 105-285V OA/RA1201 = NEMA Photocontrol - 347V OA/RA1027 = NEMA Photocontrol - 480V WRGX = Wireguard for qty "X" Lightsquares ⁵ BB/CCXX = Back Box with 3/4 NPT (replace XX with color selection) BB-BPC/CCXX = Back Box with 3/4 NPT and button PC (replace XX with color selection) ^{12,26} LS/HSS = House Side Shield ^{5,22} FSIR-100 = Wireless Configuration Tool for Motion Sensor ²³ SWPD4-XX = Wavelinx Wireless Sensor, 7' - 15' Mounting Height ^{12,18,19,21} ; replace XX with sensor color (WH, BX or BK) SWPD5-XX = Wavelinx Wireless Sensor, 15' - 40' Mounting Height ^{12,18,19,21} ; replace XX with sensor color (WH, BX or BK) WOLC-7P-10A = WaveLinX Outdoor Control Module (7-PIN) ²⁴ BB-ZW/CCXX = Back Box with 3/4" NPT and Wavelinx enabled 4-PIN Twistlock Receptacle (replace XX with color selection) ²⁶ BB-FADC/CCXX = Field Adjustable Dimming Control (replace XX with color selection) ²⁶ POLE-MT-kit-XX = Pole Mount Arm (replace XX with color selection to match fixture)																
NOTES: 1. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details. 2. Only available with Type IV Wide (T4W) distribution. 3. Not available with 2 Light Squares (SA2x). 4. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems). 5. Not available with Visual Comfort Light Engines (VAX) 6. Not available with 1 Light Square (SA1x). 7. Not available with other emergency options (EBP, CBP, CBP-CEC, or ITS). 8. Universal (120-277V), 120V, or 277V only. 9. Light Square trim plate will be painted Black when HSS option is selected. 10. Not available with VA6 or SA2E Light Engine. Not available with emergency options (EBP, CBP, or CBP-CEC). Not available with AMB (amber leds) 11. Light Square configuration only. The finish is tested per ASTM B117. Scribe rating of 7 per ASTM D1654. 12. For voltages above 277V, must specify voltage. Cannot select voltage ranges H or C. 13. Not available with VA6 or SA2E Light Engines. 14. If 347-480V (H) or 277-480V (C) voltage is specified, use a photocontrol that matches the input voltage used (either 277V, 347V, or 480V). 15. Requires the use of photocontrol (BPC). See After Hours Dim supplemental guide for additional information. 16. Utilizes the Wattstopper sensor FSP-211. Sensor color white unless specified otherwise via PDR. 17. Utilizes the Wattstopper sensor FSP-3x1. Sensor color determined by product finish. See reference table. 18. Sensor passive infrared (PIR) may be overly sensitive when operating below -20°C (-4°F). 19. In order for the device to be field-configurable, requires WAC Gateway components WAC-PoE and WPOE-120 in appropriate quantities. Only compatible with WaveLinX system and software and requires system components to be installed for operation. See website for more Wavelinx application information. 20. Not available with Back Box. 21. Requires 4-PIN twistlock receptacle option (ZD or ZW) option. 22. Must order one per Light Square when ordering as a field-installable accessory (1 or 2). 23 This tool enables adjustment to Motion Sensor (MS) parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative for more information. 24. Requires 7-PIN NEMA twistlock photocontrol receptacle (PR7) option. The WOLC-7 cannot be used in conjunction with other controls systems (MS, ZD, or ZW). Only for use at 120-347V. 25. Use for wildlife and observatory (Narrow-band 590nm +/- 5nm). Choose drive current B for SA1 or SA2. Choose lumen package VA2 for T2, T3, and T4FT, choose VA5 for T4W. Not available with 2L option. 26. Not available with DALI, PR7, MS/DIM, SPB1, SPB2, ZD, ZW, SWPD (any sensors or network dimming control devices). 27. Battery systems are UL924 Listed 28. Product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.																				

Product Specifications

Construction

- Low copper content, die-cast aluminum housing provides a clean smooth aesthetic
- Patent pending housing design
- IP66 rated
- 3G vibration rated

Optics

- Visual Comfort WaveStream™ technology or high-efficiency injection-molded AccuLED
- Comprehensive range of Color Temperature choices
- Visual Comfort - Four optical distributions utilizing patented visual comfort WaveStream™ technology
- Visual Comfort - 6 lumen packages, ranging from 2,800 to 10,000 lumens
- AccuLED – 18 distributions including HSS shielding
- AccuLED – 11 lumen packages, ranging from 1,600 to 12,000 lumens
- AccuLED - Patented, high-efficiency injection molded AccuLED Optics technology

Electrical

- Approx. 90% lumen maintenance at 60,000 hours
- 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation
- 10kV surge module standard
- 10MSP, 20MSP, 20kv and X are optional
- Standard with 0-10V dimming
- Suitable for operation in -40°C to 40°C ambient environment
- Optional 50°C high ambient (HA) configuration available

Mounting

- Versatile, patented standard quick mount arm accommodates drill patterns ranging from 1-1/2" to 4-7/8" (Type M drilling recommended for new installations)

Finish

- Finishes include white, black, bronze, gray, dark platinum and graphite metallic
- RAL and custom color matches available
- Super housing durable TGIC polyester powder coat paint, 2.5 mil nominal thickness
- Coastal Construction (CC) option available, providing 5,000 hour salt spray rating per ASTM B117, with a scribe rating of 9 per ASTM D1654

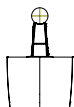
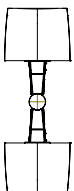
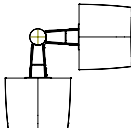
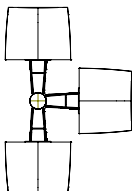
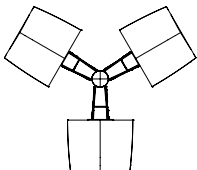
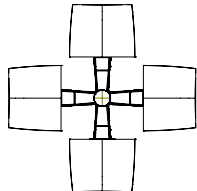
Warranty

- Five year warranty

Approximate Fixture Weight

23.0 lbs

Mounting Data

Effective Projected Area (EPA - Sq. Ft.)						
Configuration	Single	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
EPA (Sq. Ft.)	0.92	1.92	1.62	2.39	2.13	2.39

Energy and Performance Data

VA Performance

[Supplemental Performance Guide](#)

Lumen Package	VA1	VA2	VA3	VA4	VA5	VA6
Power Wattage (Watts)*	28.5W	41W	49W	58.6W	78W	106W
Input Current (mA) @120V	240	340	406	493	676	933
Input Current (mA) @277V	105	148	175	221	285	388
Power Wattage (Watts)*	31.5W	44W	53.5W	65W	83W	115W
Input Current (mA) @347V	93	125	155	188	237	321
Input Current (mA) @480V	67	92	114	138	175	243

SA Performance

[Supplemental Performance Guide](#)

Lumen Package	SA1A (350mA)	SA1B (450mA)	SA1C (615mA)	SA1D (800mA)	SA1E (1050mA)	SA1F (1200mA)	SA2A (350mA)	SA2B (450mA)	SA2C (615mA)	SA2D (800mA)	SA2E (1050mA)
Power Wattage (Watts)*	18W	24W	32W	44W	59W	67W	37W	47W	64W	84W	111W
Input Current (mA) @120V	150	200	270	370	490	564	320	400	538	700	925
Input Current (mA) @277V	72	90	120	162	210	251	150	184	236	303	397
Power Wattage (Watts)*	21W	26.5W	35W	47W	61.5W	72W	42W	53W	70W	89W	116W
Input Current (mA) @347V	63	78	100	135	180	210	123	154	201	257	335
Input Current (mA) @480V	45	57	75	99	131	153	90	113	147	188	245

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

Lumen Maintenance (TM-21)

Ambient Temperature	25,000 hours*	50,000 hours*	60,000 hours*	100,000 hours**	Theoretical L70 (Hours)**
25°C	94.4%	90.4%	89.0%	83.0%	>199,000
40°C	94.6%	90.9%	89.4%	83.9%	>212,000
50°C	91.8%	87.0%	85.2%	78.2%	>151,000

NOTES:

* Supported by IESTM-21 standards

** Theoretical values represent estimations commonly used; however, refer to the IES position on LED Product Lifetime Prediction, IES PS-10-18, that explains proper use of IESTM-21 and LM-80.

Energy and Performance Data

VA Performance

[Supplemental Performance Guide](#)

CCT	Optics	VA1	VA2	VA3	VA4	VA5	VA6
730	T2 (Type II)	Lumens	2,709	3,627	4,290	5,519	--
		Lumens per Watt	90.9	90	89	85	--
		BUG Rating	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	--
	T3 (Type III)	Lumens	2,765	3,701	4,377	5,631	--
		Lumens per Watt	92	90	90	87.2	--
		BUG Rating	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	--
	T4FT (Type IV Forward Throw)	Lumens	3,230	4,368	5,116	6,257	--
		Lumens per Watt	107	107	104	97	--
		BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2	--
	T4W (Type IV Wide)	Lumens	3,122	4,254	5,049	6,140	7,720
		Lumens per Watt	108	109	108	107	104
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3
740	T2 (Type II)	Lumens	2,794	3,741	4,424	5,692	--
		Lumens per Watt	93.8	92	92	88	--
		BUG Rating	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	--
	T3 (Type III)	Lumens	2,851	3,817	4,514	5,807	--
		Lumens per Watt	95	93	92	89.9	--
		BUG Rating	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	--
	T4FT (Type IV Forward Throw)	Lumens	3,332	4,505	5,276	6,453	--
		Lumens per Watt	110	111	108	99.9	--
		BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	--
	T4W (Type IV Wide)	Lumens	3,220	4,388	5,207	6,332	7,961
		Lumens per Watt	111	112	111	110	107
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3

Energy and Performance Data

SA Performance

[Supplemental Performance Guide](#)

CCT	Optics		SA1A (350mA)	SA1B (450mA)	SA1C (600mA)	SA1D (800 mA)	SA1E (1050mA)	SA1F (1200mA)	SA2A (350mA)	SA2B (450mA)	SA2C (600mA)	SA2D (800 mA)	SA2E (1050mA)
730	T1 (Type I)	Lumens	2,426	3,062	4,009	4,945	6,063	6,648	4,852	6,124	8,017	9,889	12,124
		Lumens per Watt	135	128	125	112	108	99	134	133	129	122	114
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
	T2 (Type II)	Lumens	2,485	3,137	4,107	5,066	6,210	6,810	4,970	6,273	8,213	10,130	12,420
		Lumens per Watt	138	131	128	115	111	102	137	136	132	125	117
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
	T2R (Type II Roadway)	Lumens	2,530	3,194	4,182	5,158	6,324	6,935	5,061	6,388	8,363	10,316	12,647
		Lumens per Watt	141	133	131	117	113	104	140	139	135	128	119
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2
	T3 (Type III)	Lumens	2,517	3,178	4,160	5,131	6,290	6,898	5,034	6,354	8,319	10,261	12,580
		Lumens per Watt	140	132	130	117	112	103	139	138	134	127	118
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
	T3R (Type III Roadway)	Lumens	2,532	3,196	4,184	5,162	6,328	6,939	5,064	6,392	8,368	10,322	12,655
		Lumens per Watt	141	133	131	117	113	104	140	139	135	128	119
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2
	T4FT (Type IV Forward Throw)	Lumens	2,490	3,143	4,115	5,075	6,222	6,823	4,979	6,285	8,228	10,149	12,443
		Lumens per Watt	138	131	129	115	111	102	138	137	132	126	117
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3
	T4W (Type IV Wide)	Lumens	2,513	3,173	4,153	5,123	6,281	6,888	5,026	6,344	8,306	10,245	12,561
		Lumens per Watt	140	132	130	116	112	103	139	138	134	127	118
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3
	5WQ (Type V Square Wide)	Lumens	2,611	3,296	4,315	5,323	6,525	7,156	5,222	6,591	8,629	10,644	13,050
		Lumens per Watt	145	137	135	121	116	107	144	143	139	132	122
		BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2
	5MQ (Type V Square Medium)	Lumens	2,572	3,246	4,250	5,242	6,427	7,048	5,143	6,492	8,499	10,483	12,852
		Lumens per Watt	143	135	133	119	115	105	142	141	137	130	121
		BUG Rating	B2-U0-G0	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G2
	5NQ (Type V Square Narrow)	Lumens	2,592	3,273	4,284	5,285	6,479	7,105	5,185	6,544	8,568	10,568	12,956
		Lumens per Watt	144	136	134	120	115	106	143	142	138	131	122
		BUG Rating	B1-U0-G0	B1-U0-G0	B2-U0-G0	B2-U0-G1	B2-U0-G1	B2-U0-G1	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1
	SL2 (Type II w/Spill Control)	Lumens	2,466	3,112	4,075	5,026	6,162	6,757	4,931	6,224	8,148	10,051	12,322
		Lumens per Watt	137	130	127	114	110	101	136	135	131	124	116
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3
	SL3 (Type III w/Spill Control)	Lumens	2,463	3,109	4,071	5,021	6,156	6,751	4,926	6,218	8,141	10,041	12,311
		Lumens per Watt	137	130	127	114	110	101	136	135	131	124	115
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3
	SL4 (Type IV w/Spill Control)	Lumens	2,441	3,082	4,034	4,976	6,101	6,690	4,882	6,163	8,068	9,952	12,201
		Lumens per Watt	136	128	126	113	109	100	135	134	130	123	114
		BUG Rating	B0-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3
	RW (Rect- angular Wide Type I)	Lumens	2,534	3,199	4,188	5,166	6,333	6,945	5,068	6,397	8,375	10,331	12,665
		Lumens per Watt	141	133	131	117	113	104	140	139	135	128	119
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
	AFL (Au- tomotive Frontline)	Lumens	2,514	3,174	4,155	5,125	6,283	6,890	5,028	6,346	8,309	10,249	12,565
		Lumens per Watt	140	132	130	116	112	103	139	138	134	127	118
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2

Energy and Performance Data

SA Performance

[Supplemental Performance Guide](#)

CCT	Optics		SA1A (350mA)	SA1B (450mA)	SA1C (600mA)	SA1D (800 mA)	SA1E (1050mA)	SA1F (1200mA)	SA2A (350mA)	SA2B (450mA)	SA2C (600mA)	SA2D (800 mA)	SA2E (1050mA)
740	T1 (Type I)	Lumens	2,664	3,363	4,403	5,431	6,658	7,301	5,328	6,725	8,804	10,860	13,315
		Lumens per Watt	148	140	138	123	119	109	147	146	142	134	125
		BUG Rating	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4
	T2 (Type II)	Lumens	2,729	3,445	4,510	5,563	6,820	7,479	5,458	6,889	9,019	11,125	13,639
		Lumens per Watt	152	144	141	126	122	112	151	150	145	138	128
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3
	T2R (Type II Roadway)	Lumens	2,779	3,508	4,592	5,665	6,945	7,616	5,558	7,015	9,184	11,328	13,889
		Lumens per Watt	154	146	144	129	124	114	154	153	148	140	130
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2
	T3 (Type III)	Lumens	2,764	3,489	4,568	5,635	6,908	7,576	5,528	6,978	9,135	11,269	13,815
		Lumens per Watt	154	145	143	128	123	113	153	152	147	139	130
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
	T3R (Type III Roadway)	Lumens	2,781	3,510	4,595	5,668	6,949	7,620	5,561	7,019	9,190	11,335	13,897
		Lumens per Watt	154	146	144	129	124	114	154	153	148	140	130
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3
	T4FT (Type IV Forward Throw)	Lumens	2,734	3,451	4,518	5,573	6,833	7,493	5,468	6,902	9,036	11,146	13,665
		Lumens per Watt	152	144	141	127	122	112	151	150	146	138	128
		BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3
	T4W (Type IV Wide)	Lumens	2,760	3,484	4,561	5,626	6,897	7,564	5,520	6,967	9,121	11,251	13,794
		Lumens per Watt	153	145	143	128	123	113	152	151	147	139	129
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3
	5WQ (Type V Square Wide)	Lumens	2,867	3,620	4,739	5,845	7,166	7,858	5,735	7,238	9,476	11,689	14,331
		Lumens per Watt	159	151	148	133	128	117	158	157	153	145	134
		BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G3
	5MQ (Type V Square Medium)	Lumens	2,824	3,565	4,667	5,757	7,057	7,739	5,648	7,129	9,333	11,512	14,114
		Lumens per Watt	157	149	146	131	126	116	156	155	150	142	132
		BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2
	5NQ (Type V Square Narrow)	Lumens	2,847	3,594	4,705	5,803	7,115	7,802	5,694	7,187	9,409	11,606	14,228
		Lumens per Watt	158	150	147	132	127	116	157	156	152	144	133
		BUG Rating	B1-U0-G0	B2-U0-G0	B2-U0-G1	B2-U0-G1	B2-U0-G1	B3-U0-G1	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2
	SL2 (Type II w/Spill Control)	Lumens	2,708	3,418	4,475	5,519	6,767	7,420	5,415	6,835	8,948	11,038	13,532
		Lumens per Watt	150	142	140	125	121	111	150	149	144	137	127
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3
	SL3 (Type III w/Spill Control)	Lumens	2,705	3,415	4,470	5,514	6,760	7,413	5,410	6,829	8,940	11,027	13,519
		Lumens per Watt	150	142	140	125	121	111	149	148	144	136	127
		BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3
	SL4 (Type IV w/Spill Control)	Lumens	2,681	3,384	4,431	5,465	6,700	7,347	5,362	6,768	8,860	10,929	13,399
		Lumens per Watt	149	141	138	124	119	110	148	147	143	135	126
		BUG Rating	B0-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3
	RW (Rect- angular Wide Type I)	Lumens	2,783	3,513	4,599	5,673	6,955	7,627	5,566	7,025	9,197	11,345	13,909
		Lumens per Watt	155	146	144	129	124	114	154	153	148	140	130
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
	AFL (Au- tomotive Frontline)	Lumens	2,761	3,485	4,563	5,628	6,900	7,566	5,522	6,969	9,124	11,255	13,798
		Lumens per Watt	153	145	143	128	123	113	153	152	147	139	129
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2

Control Options

0-10V

This fixture is offered standard with 0-10V dimming driver(s).

Photocontrol Options

Optional button-type photocontrol (BPC) and photocontrol receptacles (PR and PR7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PR7 receptacle.

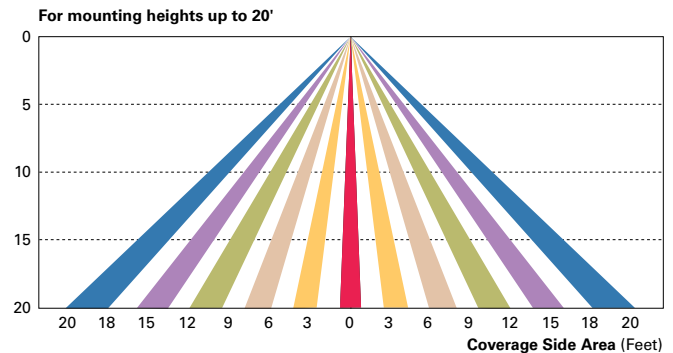
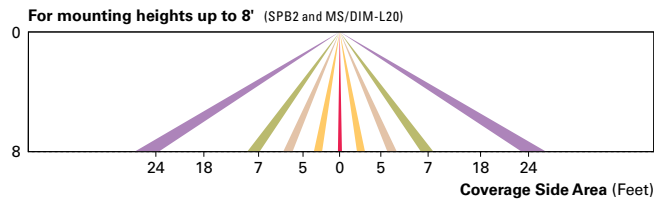
After Hours Dim (AHD)

This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

Dimming Occupancy Sensor (SPB and MS/DIM)

These sensors are factory installed in the luminaire, dimming after five minutes of no motion detected. When motion is detected, the luminaire output is 100%. Includes an integral photocell that can be programmed for "dusk-to-dawn" operation. SPB motion sensors require the Sensor Configuration mobile application by Wattstopper to change factory default dimming level, time delay, sensitivity and other parameters. Available for iOS and Android devices. The MS/DIM requires the FSIR-100 programming tool to adjust factory defaults. Two lens options provide optimal coverage patterns for mounting heights up to 20'.

SPB sensor finish matched to luminaire finish		
Luminaire Finish		SPB Sensor Finish
WH	White	White
BK	Black	Black
GM	Graphite Metallic	Black
BZ	Bronze	Bronze
AP	Gray	Gray
DP	Dark Platinum	Gray



WaveLinX Wireless Control and Monitoring System (ZD, ZW)

Operates on a wireless mesh network based on IEEE 802.15.4 standards enabling wireless control of outdoor lighting. WaveLinX and WaveLinX Lite sensors utilize the Zhaga Book 18 compliant 4-PIN receptacle (ZD or ZW), while the WOLC control module utilizes a 7-PIN receptacle. ZW option provides 4-PIN receptacle and control module to enable future installation of WaveLinX sensors. ZD option provides 4-PIN receptacle and sensor-ready (SR) driver to enable future installation of WaveLinX sensors, power monitoring, and advanced functionality. WaveLinX (SWPD4 to SWPD5) outdoor wireless sensors offer passive infrared (PIR) occupancy and photocell for closed loop daylight harvesting, and can be factory or field-installed. Sensors are factory preset to dim down to 50% after 15 minutes of no motion detected. Two lens options are available for mounting heights of 7' to 40'. Use the WaveLinX mobile application for set-up and configuration. At least one Wireless Area Controller (WAC) is required for full functionality and remote communication (including adjustment of any factory pre-sets).

WaveLinX Wireless Outdoor Lighting Control Module (WOLC-7P-10A)

The 7-pin wireless outdoor lighting control module enables WaveLinX to control outdoor area, site and flood lighting. WaveLinX controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week