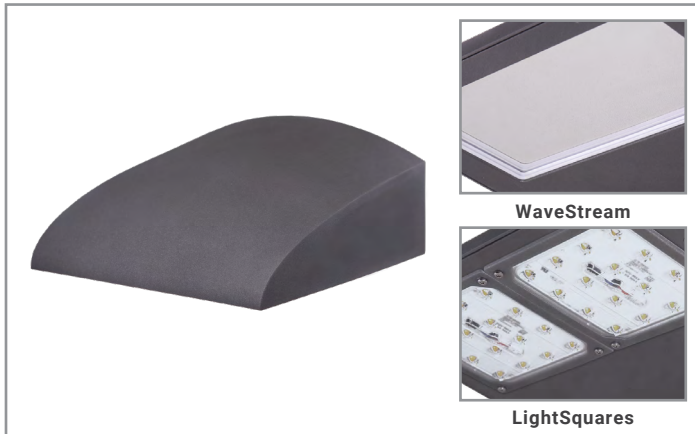


Project		Catalog #		Type	
Prepared by		Notes		Date	



Invue

ClearCurve Wall

Wall Mount Luminaire

Typical Applications

Wall • Surface • Walkways • Pathway

Interactive Menu

- Ordering Information [page 2](#)
- Product Specifications [page 3](#)
- Energy and Performance Data [page 3](#)
- Control Options [page 4](#)

Product Certifications



Quick Facts

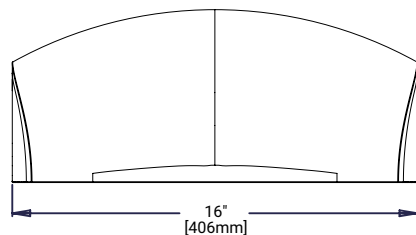
- Available with Visual Comfort or Discrete optics configurations
- Lumen packages range from 1,600 up to 12,000 lumens (18W - 110W)
- Efficacy up to 149 lumens per watt

Connected Systems

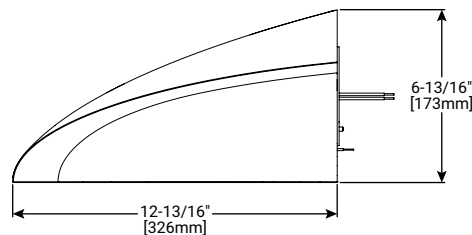
- WaveLinX

Dimensional Details

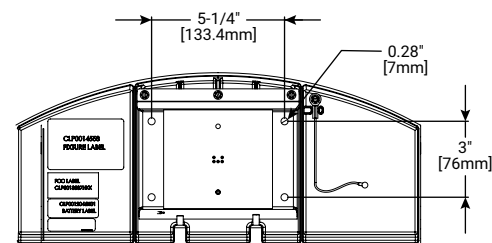
Front View



Side View



Back View



Ordering Information

SAMPLE NUMBER: CCW-VA4-740-U-T4W-GM

Product Family ¹	Light Engine		Color Temperature	Voltage	Distribution	Finish
	Visual Comfort Configurations					
CCW=ClearCurve Wall	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		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	U= Universal, 120-277V H= 347-480V C= 277-480V 9= 347V 8= 480V ⁴	T2= Type II T3= Type III T4FT= Type IV Forward Throw T4W= Type IV Wide SL2= Type II w/Spill Control ⁶ SL3= Type III w/Spill Control ⁶ SL4= Type IV w/Spill Control ⁶ SLL= 90° Spill Light Eliminator Left ⁶ SLR= 90° Spill Light Eliminator Right ⁶	AP= Grey BZ= Bronze BK= Black DP= Dark Platinum GM= Graphite Metallic WH= White
	Discrete Configurations	Drive Current				
	SA1= 1 Light Square SA2= 2 Light Squares	A= 350mA B= 450mA C= 615mA D= 800mA E= 1050mA F= 1200mA ³				
Options (Add as Suffix)			Accessories (Order Separately)			
FF= Double Fuse 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, 7} EBP= Emergency Battery Pack (Ambient Temp, 0° to 40°C) ^{7, 8} CBP= Cold Weather Emergency Battery Pack (Ambient Temp, -20° to 40°C) ^{7, 8} CBP-CEC= Cold Weather Emergency Battery Pack, CEC Compliant (Ambient Temp, -20° to 40°C) ^{7, 8} ITS= Internal Transfer Switch, UL Recognized Component ⁷ L90= Optics Rotated 90° Left ⁵ R90= Optics Rotated 90° Right ⁵ HSS= House Side Shield (Factory Installed) ^{5, 9} C1= 1/2" NPT Double Conduit Entry C2= 3/4" NPT Double Conduit Entry HA= 50°C High Ambient Temperature ¹⁰ TR= Tamper Resistant Hardware CC= Coastal Construction ¹¹ DALI= DALI Driver ^{12, 13} BPC= Button Type Photocontrol ^{7, 12} PR= NEMA 3-PIN Twistlock Photocontrol Receptacle ^{5, 7, 14} PR7= NEMA 7-PIN Twistlock Photocontrol Receptacle ^{5, 7, 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 ^{7, 12, 16} MS/DIM-L20= Motion Sensor for Dimming Operation, 9' - 20' Mounting Height ^{7, 12, 16} SPB1= Motion Sensor for Dimming Operation, BLE Interface, Up to 8' Mounting Height ^{7, 12, 17} SPB2= Motion Sensor for Dimming Operation, BLE Interface, 8' - 20' Mounting Height ^{7, 12, 17} ZD= DALI-enabled 4-PIN Twistlock Receptacle ^{7, 12, 18, 19} ZW= Wavelinx-enabled 4-PIN Twistlock Receptacle ^{7, 12, 18, 19} SWPD4XX= Wavelinx Wireless Sensor, 7' - 15' Mounting Height ^{7, 12, 18, 19, 20, 21} SWPD5XX= Wavelinx Wireless Sensor, 15' - 40' Mounting Height ^{7, 12, 18, 19, 20, 21} X= No 10k surge protector			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 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 ^{18, 19, 20, 21, 25} SWPD5-XX= WaveLinX Wireless Sensor, 15' - 40' Mounting Height ^{18, 19, 20, 21, 25} WOLC-7P-10A= WaveLinX Outdoor Control Module (7-PIN) ^{24, 25}			
NOTES: 1. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details. 2. Reserved. 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). Not available with VAX. 7. Option is not available with other emergency options (2L, EBP, CBP, CBP-CEC, or ITS), photocontrols / receptacles (BPC, PR, or PR7), or controls systems (MS, ZD or ZW). 8. Only available with Universal, 120-277V (UNV) voltage. Not available with VA6 or SA2E Light Engines. 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). 11. Not available with TR option. Finish tested to over 5,000-hours per ASTM B117. Scribe rating of 9 per ASTM D1654. 12. Not available with voltages 347-480V (H) or 277-480V (C). 13. Not available with emergency options (EBP, CBP, CBP-CEC, or ITS) or controls systems (MS or ZW) or controls systems (MS, ZD or ZW). 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 or PR or PR7. 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-3xx. Sensor color determined by product finish. 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. Replace XX with sensor color (WH, BZ or BK). 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 system (MS, ZD, ZW, SPB1 or SPB2). Only for use at 120-347V. 25. IEEE 802.15.4 communication standard						

Product Specifications

Construction

- Low copper content, die-cast aluminum housing provides a clean smooth aesthetic
- Patent pending housing design
- IP66 rated
- 1.5G 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 60,00 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) configurations available

Mounting

- Gasketed and zinc plated rigid steel mounting attachment
- “Hook-N-Lock” mechanism for easy installation

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

Energy and Performance Data

VA Performance

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

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

Energy and Performance Data

VA Performance

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	9,785
		Lumens per Watt	108	109	108	107	104	96.8
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	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	10,091
		Lumens per Watt	111	112	111	110	107	99.8
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3
827	T2 (Type II)	Lumens	2,452	3,282	3,882	4,995	--	--
		Lumens per Watt	82.3	81	80	77	--	--
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	--	--
	T3 (Type III)	Lumens	2,502	3,349	3,961	5,096	--	--
		Lumens per Watt	83	82	81	78.9	--	--
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	--	--
	T4FT (Type IV Forward Throw)	Lumens	2,924	3,954	4,630	5,662	--	--
		Lumens per Watt	97	97	94	87.7	--	--
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2	--	--
	T4W (Type IV Wide)	Lumens	2,826	3,850	4,569	5,557	6,986	8,856
		Lumens per Watt	97	98	98	97	94	87.6
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3
830	T2 (Type II)	Lumens	2,542	3,404	4,026	5,179	--	--
		Lumens per Watt	85	84	83	80	--	--
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G3	--	--
	T3 (Type III)	Lumens	2,595	3,473	4,108	5,284	--	--
		Lumens per Watt	86	85	84	81.8	--	--
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	--	--
	T4FT (Type IV Forward Throw)	Lumens	3,031	4,099	4,801	5,871	--	--
		Lumens per Watt	100	101	98	90.9	--	--
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2	--	--
	T4W (Type IV Wide)	Lumens	2,930	3,992	4,738	5,762	7,244	9,182
		Lumens per Watt	101	102	101	100	98	90.8
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3

Energy and Performance Data

VA Performance

CCT	Optics		VA1	VA2	VA3	VA4	VA5	VA6
835	T2 (Type II)	Lumens	2,588	3,464	4,097	5,271	--	--
		Lumens per Watt	86.8	86	85	82	--	--
		BUG Rating	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	--	--
	T3 (Type III)	Lumens	2,641	3,535	4,181	5,378	--	--
		Lumens per Watt	88	86	86	83.3	--	--
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	--	--
	T4FT (Type IV Forward Throw)	Lumens	3,085	4,172	4,886	5,976	--	--
		Lumens per Watt	102	103	100	92.5	--	--
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2	--	--
	T4W (Type IV Wide)	Lumens	2,982	4,064	4,822	5,864	7,373	9,346
		Lumens per Watt	103	104	103	102	99	92.4
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3

SA Performance

CCT	Optics	1A (350mA)	1B (450mA)	1C (600mA)	1D (800mA)	1E (1050mA)	1F (1200mA)	2A (350mA)	2B (450mA)	2C (600mA)	2D (800mA)	2E (1050mA)	
730	T2 (Type II)	Lumens	2,220	2,784	3,566	4,644	5,683	5,939	5,161	6,471	8,289	10,415	11,316
		Lumens per Watt	122	119	111.4	106.3	98.8	95	141.8	138.3	129.5	125	103.5
		BUG Rating	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G2	B1-U1-G1	B1-U1-G2	B2-U1-G2	B2-U1-G2	B2-U1-G2
	T2-HSS (Type II House Side Shield)	Lumens	1,609	2,018	2,585	3,366	4,120	4,305	3,741	4,691	6,009	7,550	8,203
		Lumens per Watt	88.4	86.2	80.8	77	71.6	68.9	102.8	100.2	93.9	90.6	75
		BUG Rating	B0-U0-G1	B0-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	B1-U0-G2
	T3 (Type III)	Lumens	2,249	2,820	3,612	4,704	5,756	6,016	5,227	6,554	8,396	10,549	11,462
		Lumens per Watt	123.6	120.5	112.9	107.6	100.1	96.3	143.6	140	131.2	126.6	104.9
		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
	T3-HSS (Type III House Side Shield)	Lumens	1,622	2,034	2,606	3,393	4,153	4,340	3,771	4,728	6,057	7,610	8,268
		Lumens per Watt	89.1	86.9	81.4	77.6	72.2	69.4	103.6	101	94.6	91.4	75.6
		BUG Rating	B0-U0-G0	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
	T4FT (Type IV Forward Throw)	Lumens	2,224	2,789	3,572	4,652	5,693	5,950	5,170	6,482	8,304	10,434	11,336
		Lumens per Watt	122.2	119.2	111.6	106.5	99	95.2	142	138.5	129.8	125.3	103.7
		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
	T4FT-HSS (Type IV Forward Throw House Side Shield)	Lumens	1,613	2,023	2,591	3,374	4,129	4,315	3,750	4,702	6,023	7,568	8,222
		Lumens per Watt	88.6	86.4	81	77.2	71.8	69	103	100.5	94.1	90.8	75.2
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
	T4W (Type IV Wide)	Lumens	2,242	2,810	3,600	4,688	5,737	5,996	5,210	6,533	8,369	10,515	11,424
		Lumens per Watt	123.2	120.1	112.5	107.3	99.8	95.9	143.1	139.6	130.8	126.2	104.5
		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-G3	B2-U0-G3

Energy and Performance Data

SA Performance

CCT	Optics		1A (350mA)	1B (450mA)	1C (600mA)	1D (800mA)	1E (1050mA)	1F (1200mA)	2A (350mA)	2B (450mA)	2C (600mA)	2D (800mA)	2E (1050mA)
730	T4W-HSS (Type IV Wide House Side Shield)	Lumens	1,624	2,037	2,609	3,397	4,158	4,345	3,776	4,734	6,065	7,620	8,279
		Lumens per Watt	89.2	87	81.5	77.7	72.3	69.5	103.7	101.2	94.8	91.5	75.7
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
	SL2 (Type II w/ Spill Control)	Lumens	2,203	2,762	3,538	4,608	5,639	5,893	5,121	6,421	8,226	10,335	11,229
		Lumens per Watt	121	118	110.6	105.4	98.1	94.3	140.7	137.2	128.5	124.1	102.7
		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
	SL2-HSS (Type II w/ Spill Control, House Side Shield)	Lumens	1,785	2,238	2,867	3,734	4,570	4,776	4,150	5,203	6,665	8,375	9,099
		Lumens per Watt	98.1	95.7	89.6	85.4	79.5	76.4	114	111.2	104.1	100.5	83.2
		BUG Rating	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
	SL3 (Type III w/ Spill Control)	Lumens	2,200	2,759	3,534	4,602	5,632	5,886	5,115	6,413	8,216	10,322	11,215
		Lumens per Watt	120.9	117.9	110.4	105.3	98	94.2	140.5	137	128.4	123.9	102.6
		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
	SL3-HSS (Type III w/ Spill Control, House Side Shield)	Lumens	1,835	2,300	2,947	3,838	4,696	4,908	4,265	5,348	6,850	8,607	9,351
		Lumens per Watt	100.8	98.3	92.1	87.8	81.7	78.5	117.2	114.3	107	103.3	85.6
		BUG Rating	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
	SL4 (Type III w/ Spill Control)	Lumens	2,164	2,714	3,476	4,527	5,540	5,789	5,031	6,308	8,080	10,153	11,031
		Lumens per Watt	118.9	116	108.6	103.6	96.3	92.6	138.2	134.8	126.3	121.9	100.9
		BUG Rating	B0-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-G3	B1-U0-G3
	SL4-HSS (Type III w/ Spill Control, House Side Shield)	Lumens	1,834	2,299	2,945	3,836	4,694	4,906	4,263	5,345	6,847	8,603	9,347
		Lumens per Watt	100.8	98.3	92	87.8	81.6	78.5	117.1	114.2	107	103.3	85.5
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
	SLR (90° Spill Light Eliminator Right)	Lumens	1,925	2,413	3,091	4,026	4,927	5,149	4,474	5,610	7,186	9,029	9,810
		Lumens per Watt	105.8	103.1	96.6	92.1	85.7	82.4	122.9	119.9	112.3	108.4	89.7
		BUG Rating	B0-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-G3	B1-U0-G3	B2-U0-G3
SLR-HSS (90° Spill Light Eliminator Right, House Side Shield)	Lumens	1,596	2,001	2,563	3,337	4,084	4,268	3,709	4,651	5,958	7,485	8,133	
	Lumens per Watt	87.7	85.5	80.1	76.4	71	68.3	101.9	99.4	93.1	89.9	74.4	
	BUG Rating	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
SLL (90° Spill Light Eliminator Left)	Lumens	1,925	2,413	3,091	4,026	4,927	5,149	4,474	5,610	7,186	9,029	9,810	
	Lumens per Watt	105.8	103.1	96.6	92.1	85.7	82.4	122.9	119.9	112.3	108.4	89.7	
	BUG Rating	B0-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-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3
SLL-HSS (90° Spill Light Eliminator Left, House Side Shield)	Lumens	1,596	2,001	2,563	3,337	4,084	4,268	3,709	4,651	5,958	7,485	8,133	
	Lumens per Watt	87.7	85.5	80.1	76.4	71	68.3	101.9	99.4	93.1	89.9	74.4	
	BUG Rating	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2

Energy and Performance Data

SA Performance

CCT	Optics	1A (350mA)	1B (450mA)	1C (600mA)	1D (800mA)	1E (1050mA)	1F (1200mA)	2A (350mA)	2B (450mA)	2C (600mA)	2D (800mA)	2E (1050mA)	
740	T2 (Type II)	Lumens	2,305	2,890	3,702	4,821	5,900	6,166	5,358	6,718	8,606	10,813	11,748
		Lumens per Watt	126.6	123.5	115.7	110.3	102.6	98.7	147.2	143.5	134.5	129.8	107.5
		BUG Rating	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G2	B1-U1-G2	B1-U1-G1	B1-U1-G2	B2-U1-G2	B2-U1-G2	B2-U1-G2
	T2-HSS (Type II House Side Shield)	Lumens	1,671	2,095	2,684	3,495	4,277	4,470	3,884	4,870	6,239	7,838	8,516
		Lumens per Watt	91.8	89.5	83.9	80	74.4	71.5	106.7	104.1	97.5	94.1	77.9
		BUG Rating	B0-U0-G1	B0-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	B1-U0-G2
	T3 (Type III)	Lumens	2,335	2,927	3,750	4,883	5,976	6,246	5,427	6,805	8,717	10,953	11,900
		Lumens per Watt	128.3	125.1	117.2	111.7	103.9	99.9	149.1	145.4	136.2	131.5	108.9
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
	T3-HSS (Type III House Side Shield)	Lumens	1,684	2,112	2,705	3,523	4,311	4,506	3,915	4,909	6,288	7,901	8,584
		Lumens per Watt	92.5	90.2	84.5	80.6	75	72.1	107.6	104.9	98.3	94.9	78.5
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2
	T4FT (Type IV Forward Throw)	Lumens	2,309	2,895	3,709	4,830	5,911	6,177	5,368	6,730	8,622	10,833	11,769
		Lumens per Watt	126.9	123.7	115.9	110.5	102.8	98.8	147.5	143.8	134.7	130	107.7
		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
	T4FT-HSS (Type IV Forward Throw House Side Shield)	Lumens	1,675	2,100	2,690	3,503	4,287	4,480	3,893	4,881	6,253	7,857	8,536
		Lumens per Watt	92	89.7	84.1	80.2	74.6	71.7	107	104.3	97.7	94.3	78.1
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
	T4W (Type IV Wide)	Lumens	2,327	2,918	3,738	4,867	5,957	6,225	5,409	6,783	8,689	10,917	11,861
		Lumens per Watt	127.9	124.7	116.8	111.4	103.6	99.6	148.6	144.9	135.8	131.1	108.5
		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-G3	B2-U0-G3
	T4W-HSS (Type IV Wide House Side Shield)	Lumens	1,686	2,114	2,708	3,527	4,316	4,511	3,920	4,915	6,296	7,911	8,595
		Lumens per Watt	92.7	90.4	84.6	80.7	75.1	72.2	107.7	105	98.4	95	78.6
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
SL2 (Type II w/ Spill Control)	Lumens	2,287	2,868	3,674	4,784	5,855	6,119	5,317	6,666	8,540	10,730	11,658	
	Lumens per Watt	125.7	122.6	114.8	109.5	101.8	97.9	146.1	142.4	133.4	128.8	106.7	
	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	
SL2-HSS (Type II w/ Spill Control, House Side Shield)	Lumens	1,854	2,324	2,977	3,877	4,744	4,958	4,308	5,402	6,920	8,695	9,447	
	Lumens per Watt	101.8	99.3	93	88.7	82.5	79.3	118.4	115.4	108.1	104.4	86.4	
	BUG Rating	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
SL3 (Type III w/ Spill Control)	Lumens	2,285	2,864	3,669	4,778	5,848	6,111	5,310	6,658	8,529	10,717	11,643	
	Lumens per Watt	125.5	122.4	114.7	109.3	101.7	97.8	145.9	142.3	133.3	128.7	106.5	
	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	
SL3-HSS (Type III w/ Spill Control, House Side Shield)	Lumens	1,905	2,388	3,059	3,984	4,876	5,096	4,428	5,552	7,112	8,936	9,709	
	Lumens per Watt	104.7	102.1	95.6	91.2	84.8	81.5	121.6	118.6	111.1	107.3	88.8	
	BUG Rating	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
SL4 (Type III w/ Spill Control)	Lumens	2,247	2,817	3,609	4,700	5,751	6,011	5,223	6,549	8,389	10,541	11,452	
	Lumens per Watt	123.5	120.4	112.8	107.5	100	96.2	143.5	139.9	131.1	126.5	104.8	
	BUG Rating	B0-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-G3	B1-U0-G3	B1-U0-G3	
SL4-HSS (Type III w/ Spill Control, House Side Shield)	Lumens	1,904	2,387	3,058	3,982	4,873	5,093	4,426	5,549	7,109	8,932	9,704	
	Lumens per Watt	104.6	102	95.6	91.1	84.8	81.5	121.6	118.6	111.1	107.2	88.8	
	BUG Rating	B0-U0-G1	B0-U0-G1	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-G2

Energy and Performance Data

SA Performance

CCT	Optics		1A (350mA)	1B (450mA)	1C (600mA)	1D (800mA)	1E (1050mA)	1F (1200mA)	2A (350mA)	2B (450mA)	2C (600mA)	2D (800mA)	2E (1050mA)
740	SLR (90° Spill Light Eliminator Right)	Lumens	1,998	2,505	3,209	4,179	5,115	5,345	4,645	5,824	7,461	9,374	10,184
		Lumens per Watt	109.8	107.1	100.3	95.6	89	85.5	127.6	124.4	116.6	112.5	93.2
		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	B2-U0-G3
	SLR-HSS (90° Spill Light Eliminator Right, House Side Shield)	Lumens	1,657	2,077	2,661	3,465	4,240	4,432	3,851	4,828	6,185	7,771	8,443
		Lumens per Watt	91	88.8	83.1	79.3	73.7	70.9	105.8	103.2	96.6	93.3	77.2
		BUG Rating	B0-U0-G1	B0-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	B1-U0-G2
	SLL (90° Spill Light Eliminator Left)	Lumens	1,998	2,505	3,209	4,179	5,115	5,345	4,645	5,824	7,461	9,374	10,184
		Lumens per Watt	109.8	107.1	100.3	95.6	89	85.5	127.6	124.4	116.6	112.5	93.2
		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	B2-U0-G3
	SLL-HSS (90° Spill Light Eliminator Left, House Side Shield)	Lumens	1,657	2,077	2,661	3,465	4,240	4,432	3,851	4,828	6,185	7,771	8,443
		Lumens per Watt	91	88.8	83.1	79.3	73.7	70.9	105.8	103.2	96.6	93.3	77.2
		BUG Rating	B0-U0-G1	B0-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	B1-U0-G2
827	T2 (Type II)	Lumens	1,694	2,124	2,721	3,544	4,337	4,533	3,939	4,938	6,326	7,949	8,636
		Lumens per Watt	93.1	90.8	85	81.1	75.4	72.5	108.2	105.5	98.8	95.4	79
		BUG Rating	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G2	B2-U1-G2
	T2-HSS (Type II House Side Shield)	Lumens	1,228	1,540	1,973	2,569	3,144	3,286	2,855	3,580	4,586	5,762	6,260
		Lumens per Watt	67.5	65.8	61.6	58.8	54.7	52.6	78.4	76.5	71.7	69.2	57.3
		BUG Rating	B0-U0-G0	B0-U0-G0	B0-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
	T3 (Type III)	Lumens	1,716	2,152	2,756	3,590	4,393	4,591	3,990	5,002	6,408	8,051	8,747
		Lumens per Watt	94.3	92	86.1	82.1	76.4	73.5	109.6	106.9	100.1	96.7	80
		BUG Rating	B0-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
	T3-HSS (Type III House Side Shield)	Lumens	1,238	1,552	1,989	2,590	3,169	3,312	2,878	3,609	4,623	5,808	6,310
		Lumens per Watt	68	66.3	62.1	59.3	55.1	53	79.1	77.1	72.2	69.7	57.7
		BUG Rating	B0-U0-G0	B0-U0-G0	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2
	T4FT (Type IV Forward Throw)	Lumens	1,698	2,128	2,726	3,550	4,345	4,541	3,946	4,947	6,338	7,963	8,652
		Lumens per Watt	93.3	91	85.2	81.2	75.6	72.7	108.4	105.7	99	95.6	79.2
		BUG Rating	B0-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	B1-U0-G3
	T4FT-HSS (Type IV Forward Throw House Side Shield)	Lumens	1,231	1,544	1,977	2,575	3,151	3,293	2,862	3,588	4,597	5,776	6,275
		Lumens per Watt	67.6	66	61.8	58.9	54.8	52.7	78.6	76.7	71.8	69.3	57.4
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2

Energy and Performance Data

SA Performance

CCT	Optics	1A (350mA)	1B (450mA)	1C (600mA)	1D (800mA)	1E (1050mA)	1F (1200mA)	2A (350mA)	2B (450mA)	2C (600mA)	2D (800mA)	2E (1050mA)	
827	T4W (Type IV Wide)	Lumens	1,711	2,145	2,748	3,578	4,379	4,576	3,977	4,986	6,387	8,025	8,719
		Lumens per Watt	94	91.7	85.9	81.9	76.2	73.2	109.2	106.5	99.8	96.3	79.8
		BUG Rating	B1-U0-G1	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
	T4W-HSS (Type IV Wide House Side Shield)	Lumens	1,240	1,554	1,991	2,593	3,173	3,316	2,882	3,613	4,628	5,815	6,318
		Lumens per Watt	68.1	66.4	62.2	59.3	55.2	53.1	79.2	77.2	72.3	69.8	57.8
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2
	SL2 (Type II w/ Spill Control)	Lumens	1,681	2,108	2,700	3,517	4,304	4,498	3,908	4,900	6,278	7,887	8,570
		Lumens per Watt	92.4	90.1	84.4	80.5	74.8	72	107.4	104.7	98.1	94.7	78.4
		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-G3	B2-U0-G3
	SL2-HSS (Type II w/ Spill Control, House Side Shield)	Lumens	1,363	1,708	2,188	2,850	3,488	3,645	3,167	3,971	5,087	6,392	6,944
		Lumens per Watt	74.9	73	68.4	65.2	60.7	58.3	87	84.9	79.5	76.7	63.5
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-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
	SL3 (Type III w/ Spill Control)	Lumens	1,679	2,106	2,697	3,512	4,299	4,492	3,904	4,895	6,270	7,878	8,559
		Lumens per Watt	92.3	90	84.3	80.4	74.8	71.9	107.2	104.6	98	94.6	78.3
		BUG Rating	B0-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-G3	B1-U0-G3
	SL3-HSS (Type III w/ Spill Control, House Side Shield)	Lumens	1,400	1,756	2,249	2,929	3,584	3,746	3,255	4,081	5,228	6,569	7,137
		Lumens per Watt	76.9	75	70.3	67	62.3	59.9	89.4	87.2	81.7	78.9	65.3
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2
	SL4 (Type III w/ Spill Control)	Lumens	1,652	2,071	2,653	3,455	4,228	4,418	3,839	4,814	6,167	7,748	8,418
		Lumens per Watt	90.8	88.5	82.9	79.1	73.5	70.7	105.5	102.9	96.4	93	77
		BUG Rating	B0-U0-G1	B0-U0-G1	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
	SL4-HSS (Type III w/ Spill Control, House Side Shield)	Lumens	1,400	1,755	2,248	2,927	3,582	3,744	3,253	4,079	5,226	6,566	7,133
		Lumens per Watt	76.9	75	70.2	67	62.3	59.9	89.4	87.2	81.6	78.8	65.3
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2
SLR (90° Spill Light Eliminator Right)	Lumens	1,469	1,842	2,359	3,072	3,760	3,929	3,414	4,281	5,484	6,891	7,487	
	Lumens per Watt	80.7	78.7	73.7	70.3	65.4	62.9	93.8	91.5	85.7	82.7	68.5	
	BUG Rating	B0-U0-G1	B0-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-G3	
SLR-HSS (90° Spill Light Eliminator Right, House Side Shield)	Lumens	1,218	1,527	1,956	2,547	3,117	3,258	2,831	3,549	4,547	5,713	6,207	
	Lumens per Watt	66.9	65.2	61.1	58.3	54.2	52.1	77.8	75.8	71	68.6	56.8	
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	
SLL (90° Spill Light Eliminator Left)	Lumens	1,469	1,842	2,359	3,072	3,760	3,929	3,414	4,281	5,484	6,891	7,487	
	Lumens per Watt	80.7	78.7	73.7	70.3	65.4	62.9	93.8	91.5	85.7	82.7	68.5	
	BUG Rating	B0-U0-G1	B0-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-G3	
SLL-HSS (90° Spill Light Eliminator Left, House Side Shield)	Lumens	1,218	1,527	1,956	2,547	3,117	3,258	2,831	3,549	4,547	5,713	6,207	
	Lumens per Watt	66.9	65.2	61.1	58.3	54.2	52.1	77.8	75.8	71	68.6	56.8	
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	

Energy and Performance Data

SA Performance

CCT	Optics	1A (350mA)	1B (450mA)	1C (600mA)	1D (800mA)	1E (1050mA)	1F (1200mA)	2A (350mA)	2B (450mA)	2C (600mA)	2D (800mA)	2E (1050mA)	
830	T2 (Type II)	Lumens	1,832	2,296	2,942	3,831	4,688	4,900	4,258	5,338	6,838	8,592	9,335
		Lumens per Watt	100.6	98.1	91.9	87.7	81.5	78.4	117	114.1	106.8	103.1	85.4
		BUG Rating	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G2	B2-U1-G2
	T2-HSS (Type II House Side Shield)	Lumens	1,328	1,665	2,132	2,777	3,398	3,552	3,086	3,870	4,957	6,228	6,767
		Lumens per Watt	73	71.1	66.6	63.5	59.1	56.8	84.8	82.7	77.5	74.8	61.9
		BUG Rating	B0-U0-G0	B0-U0-G1	B0-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
	T3 (Type III)	Lumens	1,855	2,326	2,980	3,880	4,749	4,963	4,312	5,407	6,927	8,703	9,455
		Lumens per Watt	101.9	99.4	93.1	88.8	82.6	79.4	118.5	115.5	108.2	104.5	86.5
		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-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2
	T3-HSS (Type III House Side Shield)	Lumens	1,338	1,678	2,149	2,799	3,426	3,580	3,111	3,901	4,997	6,278	6,821
		Lumens per Watt	73.5	71.7	67.2	64.1	59.6	57.3	85.5	83.3	78.1	75.4	62.4
		BUG Rating	B0-U0-G0	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
	T4FT (Type IV Forward Throw)	Lumens	1,835	2,301	2,947	3,838	4,697	4,908	4,265	5,348	6,851	8,608	9,352
		Lumens per Watt	100.8	98.3	92.1	87.8	81.7	78.5	117.2	114.3	107	103.3	85.6
		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-G3
	T4FT-HSS (Type IV Forward Throw House Side Shield)	Lumens	1,331	1,669	2,137	2,783	3,406	3,560	3,094	3,879	4,969	6,243	6,783
		Lumens per Watt	73.1	71.3	66.8	63.7	59.2	57	85	82.9	77.6	74.9	62.1
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
	T4W (Type IV Wide)	Lumens	1,849	2,318	2,970	3,868	4,733	4,947	4,298	5,389	6,904	8,675	9,425
		Lumens per Watt	101.6	99.1	92.8	88.5	82.3	79.1	118.1	115.2	107.9	104.1	86.2
		BUG Rating	B1-U0-G1	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-G3
T4W-HSS (Type IV Wide House Side Shield)	Lumens	1,340	1,680	2,152	2,803	3,430	3,585	3,115	3,905	5,003	6,286	6,830	
	Lumens per Watt	73.6	71.8	67.3	64.1	59.6	57.4	85.6	83.4	78.2	75.5	62.5	
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	
SL2 (Type II w/ Spill Control)	Lumens	1,818	2,279	2,919	3,801	4,652	4,862	4,225	5,297	6,786	8,526	9,263	
	Lumens per Watt	99.9	97.4	91.2	87	80.9	77.8	116.1	113.2	106	102.4	84.7	
	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-G3	B2-U0-G3	
SL2-HSS (Type II w/ Spill Control, House Side Shield)	Lumens	1,473	1,847	2,365	3,080	3,770	3,940	3,423	4,292	5,499	6,909	7,506	
	Lumens per Watt	80.9	78.9	73.9	70.5	65.6	63	94	91.7	85.9	82.9	68.7	
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	
SL3 (Type III w/ Spill Control)	Lumens	1,815	2,276	2,915	3,797	4,646	4,856	4,220	5,291	6,778	8,516	9,252	
	Lumens per Watt	99.7	97.3	91.1	86.9	80.8	77.7	115.9	113	105.9	102.2	84.6	
	BUG Rating	B0-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-G3	B2-U0-G3	

Energy and Performance Data

SA Performance

CCT	Optics		1A (350mA)	1B (450mA)	1C (600mA)	1D (800mA)	1E (1050mA)	1F (1200mA)	2A (350mA)	2B (450mA)	2C (600mA)	2D (800mA)	2E (1050mA)
830	SL3-HSS (Type III w/ Spill Control, House Side Shield)	Lumens	1,514	1,898	2,431	3,166	3,874	4,049	3,518	4,411	5,651	7,100	7,714
		Lumens per Watt	83.2	81.1	76	72.4	67.4	64.8	96.7	94.3	88.3	85.2	70.6
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
	SL4 (Type III w/ Spill Control)	Lumens	1,785	2,239	2,868	3,734	4,570	4,776	4,150	5,204	6,666	8,376	9,100
		Lumens per Watt	98.1	95.7	89.6	85.5	79.5	76.4	114	111.2	104.2	100.5	83.3
		BUG Rating	B0-U0-G1	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
	SL4-HSS (Type III w/ Spill Control, House Side Shield)	Lumens	1,513	1,897	2,430	3,164	3,872	4,047	3,517	4,409	5,649	7,097	7,711
		Lumens per Watt	83.1	81.1	75.9	72.4	67.3	64.8	96.6	94.2	88.3	85.2	70.5
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
	SLR (90° Spill Light Eliminator Right)	Lumens	1,588	1,991	2,550	3,321	4,064	4,247	3,691	4,628	5,928	7,448	8,093
		Lumens per Watt	87.2	85.1	79.7	76	70.7	68	101.4	98.9	92.6	89.4	74
		BUG Rating	B0-U0-G1	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
	SLR-HSS (90° Spill Light Eliminator Right, House Side Shield)	Lumens	1,316	1,650	2,114	2,753	3,369	3,521	3,060	3,837	4,915	6,175	6,709
		Lumens per Watt	72.3	70.5	66.1	63	58.6	56.3	84.1	82	76.8	74.1	61.4
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
	SLL (90° Spill Light Eliminator Left)	Lumens	1,588	1,991	2,550	3,321	4,064	4,247	3,691	4,628	5,928	7,448	8,093
		Lumens per Watt	87.2	85.1	79.7	76	70.7	68	101.4	98.9	92.6	89.4	74
		BUG Rating	B0-U0-G1	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
SLL-HSS (90° Spill Light Eliminator Left, House Side Shield)	Lumens	1,316	1,650	2,114	2,753	3,369	3,521	3,060	3,837	4,915	6,175	6,709	
	Lumens per Watt	72.3	70.5	66.1	63	58.6	56.3	84.1	82	76.8	74.1	61.4	
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2
835	T2 (Type II)	Lumens	1,899	2,381	3,050	3,973	4,862	5,081	4,415	5,536	7,091	8,910	9,680
		Lumens per Watt	104.4	101.8	95.3	90.9	84.5	81.3	121.3	118.3	110.8	107	88.6
		BUG Rating	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G1	B1-U1-G2	B2-U1-G2
	T2-HSS (Type II House Side Shield)	Lumens	1,377	1,726	2,211	2,880	3,524	3,683	3,200	4,013	5,141	6,459	7,017
		Lumens per Watt	75.6	73.8	69.1	65.9	61.3	58.9	87.9	85.7	80.3	77.5	64.2
		BUG Rating	B0-U0-G0	B0-U0-G1	B0-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
	T3 (Type III)	Lumens	1,924	2,412	3,090	4,024	4,924	5,146	4,472	5,607	7,183	9,025	9,805
		Lumens per Watt	105.7	103.1	96.6	92.1	85.6	82.3	122.9	119.8	112.2	108.3	89.7
		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-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2

Energy and Performance Data

SA Performance

CCT	Optics		1A (350mA)	1B (450mA)	1C (600mA)	1D (800mA)	1E (1050mA)	1F (1200mA)	2A (350mA)	2B (450mA)	2C (600mA)	2D (800mA)	2E (1050mA)
835	T3-HSS (Type III House Side Shield)	Lumens	1,388	1,740	2,229	2,903	3,552	3,713	3,226	4,045	5,182	6,511	7,073
		Lumens per Watt	76.3	74.4	69.7	66.4	61.8	59.4	88.6	86.4	81	78.2	64.7
		BUG Rating	B0-U0-G0	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
	T4FT (Type IV Forward Throw)	Lumens	1,903	2,386	3,056	3,980	4,870	5,090	4,423	5,546	7,104	8,926	9,698
		Lumens per Watt	104.5	101.9	95.5	91.1	84.7	81.4	121.5	118.5	111	107.2	88.7
		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-G3	B2-U0-G3
	T4FT-HSS (Type IV Forward Throw House Side Shield)	Lumens	1,380	1,730	2,217	2,886	3,532	3,692	3,208	4,022	5,153	6,474	7,034
		Lumens per Watt	75.8	73.9	69.3	66.1	61.4	59.1	88.1	85.9	80.5	77.7	64.4
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2
	T4W (Type IV Wide)	Lumens	1,918	2,404	3,080	4,011	4,908	5,130	4,457	5,589	7,159	8,995	9,773
		Lumens per Watt	105.4	102.7	96.2	91.8	85.4	82.1	122.5	119.4	111.9	108	89.4
		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
	T4W-HSS (Type IV Wide House Side Shield)	Lumens	1,390	1,742	2,232	2,906	3,557	3,717	3,230	4,050	5,188	6,519	7,082
		Lumens per Watt	76.3	74.5	69.7	66.5	61.9	59.5	88.7	86.5	81.1	78.3	64.8
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2
	SL2 (Type II w/ Spill Control)	Lumens	1,885	2,363	3,027	3,942	4,824	5,042	4,381	5,493	7,037	8,841	9,606
		Lumens per Watt	103.6	101	94.6	90.2	83.9	80.7	120.4	117.4	109.9	106.1	87.9
		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
	SL2-HSS (Type II w/ Spill Control, House Side Shield)	Lumens	1,527	1,915	2,453	3,194	3,909	4,086	3,550	4,451	5,702	7,165	7,784
		Lumens per Watt	83.9	81.8	76.7	73.1	68	65.4	97.5	95.1	89.1	86	71.2
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
	SL3 (Type III w/ Spill Control)	Lumens	1,882	2,360	3,023	3,937	4,818	5,036	4,376	5,486	7,028	8,831	9,594
		Lumens per Watt	103.4	100.9	94.5	90.1	83.8	80.6	120.2	117.2	109.8	106	87.8
		BUG Rating	B0-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	B1-U0-G3
SL3-HSS (Type III w/ Spill Control, House Side Shield)	Lumens	1,570	1,968	2,521	3,283	4,018	4,199	3,649	4,575	5,860	7,363	8,000	
	Lumens per Watt	86.2	84.1	78.8	75.1	69.9	67.2	100.2	97.7	91.6	88.4	73.2	
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2
SL4 (Type III w/ Spill Control)	Lumens	1,852	2,321	2,974	3,872	4,739	4,953	4,304	5,396	6,913	8,685	9,436	
	Lumens per Watt	101.7	99.2	92.9	88.6	82.4	79.2	118.2	115.3	108	104.3	86.3	
	BUG Rating	B0-U0-G1	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
SL4-HSS (Type III w/ Spill Control, House Side Shield)	Lumens	1,569	1,967	2,520	3,281	4,016	4,197	3,647	4,572	5,858	7,360	7,996	
	Lumens per Watt	86.2	84.1	78.7	75.1	69.8	67.1	100.2	97.7	91.5	88.4	73.2	
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2

Energy and Performance Data

SA Performance

CCT	Optics		1A (350mA)	1B (450mA)	1C (600mA)	1D (800mA)	1E (1050mA)	1F (1200mA)	2A (350mA)	2B (450mA)	2C (600mA)	2D (800mA)	2E (1050mA)
835	SLR (90° Spill Light Eliminator Right)	Lumens	1,647	2,064	2,644	3,444	4,215	4,405	3,827	4,799	6,148	7,724	8,392
		Lumens per Watt	90.5	88.2	82.6	78.8	73.3	70.5	105.1	102.5	96.1	92.7	76.8
		BUG Rating	B0-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	B1-U0-G3
	SLR-HSS (90° Spill Light Eliminator Right, House Side Shield)	Lumens	1,365	1,712	2,192	2,855	3,494	3,652	3,173	3,979	5,097	6,404	6,957
		Lumens per Watt	75	73.1	68.5	65.3	60.8	58.4	87.2	85	79.6	76.9	63.7
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
	SLL (90° Spill Light Eliminator Left)	Lumens	1,647	2,064	2,644	3,444	4,215	4,405	3,827	4,799	6,148	7,724	8,392
		Lumens per Watt	90.5	88.2	82.6	78.8	73.3	70.5	105.1	102.5	96.1	92.7	76.8
		BUG Rating	B0-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	B1-U0-G3
	SLL-HSS (90° Spill Light Eliminator Left, House Side Shield)	Lumens	1,365	1,712	2,192	2,855	3,494	3,652	3,173	3,979	5,097	6,404	6,957
		Lumens per Watt	75	73.1	68.5	65.3	60.8	58.4	87.2	85	79.6	76.9	63.7
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2

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.

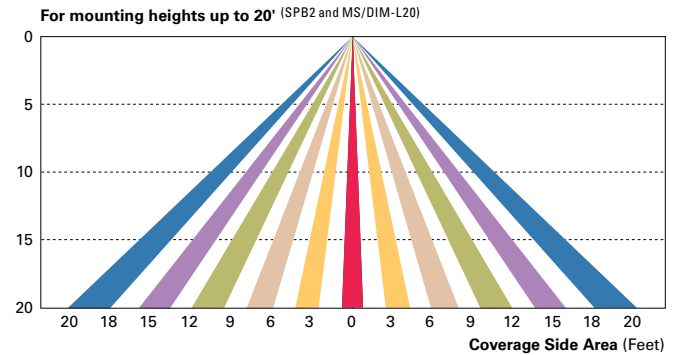
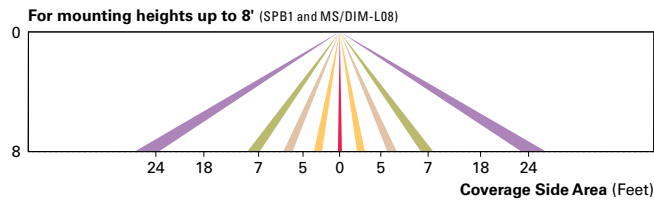
Control Options

0-10V
 This fixture is offered standard with 0-10V dimming driver(s). The DIM option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

Photocontrol (BPC)
 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'.



WaveLinx Receptacle (ZW)
 Includes the WaveLinx control module, integrated 4-Pin receptacle, and standard 0-10V dimming driver, enabling the subsequent addition of a WaveLinx sensor.