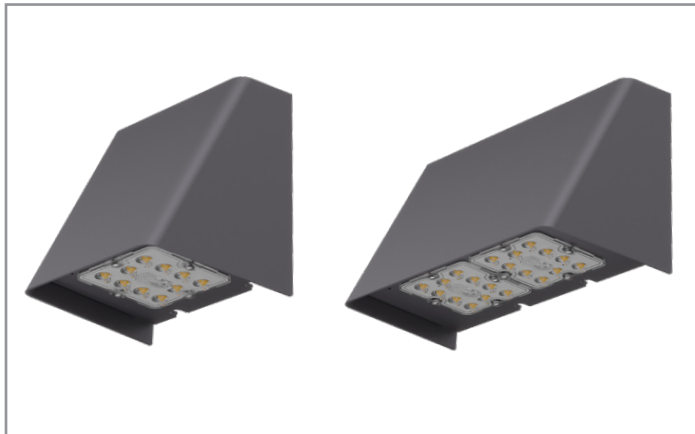


Project		Catalog #		Type	
Prepared by		Notes		Date	



McGraw-Edison

GKO Gekko

Wall Mount Luminaire

Product Features



Product Certifications



Interactive Menu

- Ordering Information [page 2](#)
- Product Specifications [page 2](#)
- Optical Configurations [page 3](#)
- Energy and Performance Data [page 4](#)
- Control Options [page 10](#)

Quick Facts

- Available in small and medium housing sizes
- Choice of 5 optical distributions
- 11 lumen packages from 750 up to 13,500
- Efficacies up to 169 lumens per watt

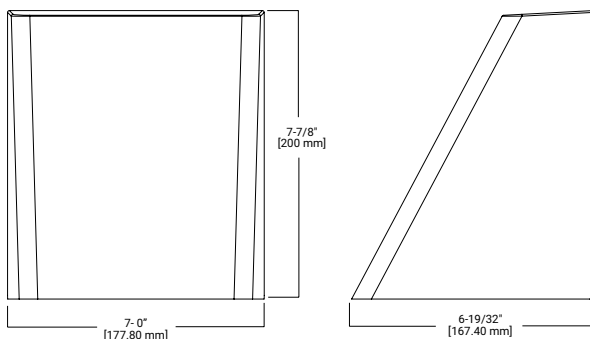
Connected Systems

- WaveLinx PRO Wireless
- WaveLinx LITE Wireless

Dimensional Details

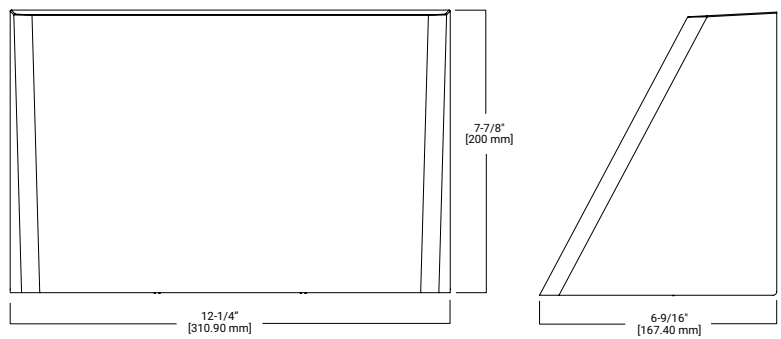
PB1

Net Weight: 6.0 lbs (2.7 kg)



PB2

Net Weight: 10.6 lbs (4.8 kg)



NOTES:

1. Visit <https://www.designlights.org/search/> to confirm qualification. Not all product variations are DLC qualified.
2. IDA Certified for 3000K CCT and warmer only.

Ordering Information

SAMPLE NUMBER: GKO-PB2A-740-U-T3-BK

Product Family	Light Engine Configuration		Lumen Output	Color Temperature	Voltage	Distribution	Finish
	Light Engine	Size					
GKO =Gekko Wall Luminaire BAA-GKO =Gekko Buy American Act Compliant ¹³ TAA-GKO =Gekko Trade Agreements Act Compliant ¹³ BABAF-GKO =Gekko Build America Buy America Act Compliant for FHWA funded projects ¹⁴	PB =Mini 10-LED Light Square	1=Small, 1 Square 2=Medium, 2 Squares	A =Output Level 1 B =Output Level 2 C =Output Level 3 D =Output Level 4 E =Output Level 5 F =Output Level 6 ¹	722 =70 CRI, 2200K CCT 727 =70 CRI, 2700K CCT 730 =70 CRI, 3000K CCT 735 =70 CRI, 3500K CCT 740 =70 CRI, 4000K CCT 750 =70 CRI, 5000K CCT 827 =80 CRI, 2700K CCT 830 =80 CRI, 3000K CCT 835 =80 CRI, 3500K CCT 840 =80 CRI, 4000K CCT 850 =80 CRI, 5000K CCT AMB =Amber 590nm ²	U =120-277V 1=120V 2=208V 3=240V 4=277V 8=480V ^{15,17} 9=347V ¹⁷	T1 =Type I T2R =Type II Round T2U =Type II Urban T3 =Type III T4W =Type IV Wide	AP =Grey BZ =Bronze BK =Black DP =Dark Platinum GM =Graphite Metallic NW =New White
Options (Add as Suffix)			Controls and Systems Options (Add as Suffix)		Accessories (Order Separately)		
F =Single Fused (120, 277 or 347, Specify Voltage) FF =Double Fused (208, 240 or 480, Specify Voltage) 20MSP =Parallel 20kV MOV Surge Protective Device 20K =Series 20kV ULI1449 Fused Surge Protective Device 2L =Two Circuits ³ EBP =6W Battery Pack CBP =6W Battery Pack, Cold Weather Rated ^{4,10} CBP-CEC =8W Battery Pack, Cold Weather Rated, CEC Compliant ^{4,10} HSS =Factory Installed House Side Shield HA =50C° High Ambient ¹⁰ CC =Coastal Construction ⁵			BPC =Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) FADC =Field Adjustable Dimming Controller ⁸ SPB1 =Dimming Occupancy Sensor with Bluetooth Interface, <8' Mounting ^{6,7,8,11} SPB2 =Dimming Occupancy Sensor with Bluetooth Interface, 8' - 20' Mounting ^{6,7,8,11} MS/DIM-L08 =Motion Sensor for Dimming Operation, <8' Mounting ^{7,8,11,12} MS/DIM-L20 =Motion Sensor for Dimming Operation, 8'-20' Mounting ^{7,8,11,12} WPS2WH =WaveLinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7'-15' Mounting ^{7,8,11,16} WPS4WH =WaveLinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15'-40' Mounting ^{7,8,11,16} WLS2WH =WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7'-15' Mounting ^{7,8,11} WLS4WH =WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15'-40' Mounting ^{7,8,11}		PBHSS =House Side Shield (Single) ⁹ PBPF =Perimeter Fence Shield Kit (4 Pieces) FSIR-100 = Wireless Configuration Tool for MS/DIM ¹² MA1252 =10kV Surge Module Replacement BB/GKO-XX =Surface mount backbox ¹⁹		
NOTES: 1. Output Level 6 not available with PB2 2. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose Output Level 1; supplied at 300mA for PB1, 600mA for PB2. Not available with HA option. Exact luminaire wattage available in IES files. 3. Not available with PB1. Not available with FF option, or controls options at 347V or 480V. 4. Operates at -20°C to +40°C. Not available with PB1 or HA option. 5. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. 6. Smart device with mobile application required to change system defaults. See controls section for details. 7. Includes integral photosensor. 8. Not available with PB1 at Output Level 1 or 2. Not available with other motion activated control options. 9. One required per PB light square. 10. Combination of CBP and HA not available with PB2 at output level 4 or 5. 11. When motion controls are selected, PB1 uses surface mount sensor in PB2 housing, PB2 uses side-mount motion sensor in PB2 housing. 12. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information. 13. Only 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. 14. Only product configurations with these prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the DOMESTIC PREFERENCES website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements. 15. 480V not to be used with ungrounded or impedance grounded systems. 16. WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. 17. Not available with PB1A and PB1B. 18. Operates at 0°C to +55°C. 19. Replace XX with color designation. Includes 5 gasketed 3/4" conduit entry points.							

Product Specifications

Construction

- Available in small (1 square) and medium (2 square) sizes
- Die-cast aluminum housing
- IP66 rated housing
- IK10 impact rated

Optics

- 10-LED square light engine
- 5 optical distributions
- IDA Certified (3000K CCT and warmer only)
- 2 versions of field-installable shielding for superior spill light control
 - Single-piece snap-on square shields (HSS)
 - Multiple-piece configurable vertical perimeter shielding (PFS)

Electrical

- Standard with 0-10V dimming
- Standard with 10kV surge device
- 10kV or 20kV surge protective options with series or parallel configurations
- -40°C to 40°C ambient temperature operating range with optional high ambient (HA) 50°C

Controls

- Luminaire available with the field adjustable dimming controller (FADC) to manually adjust wattage and reduce the total lumen output and light levels. Default setting is the highest position at the lumen output selected

Finish

- Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness
- 3,000-hours per ASTM B117, with a scribe rating of 7 per ASTM D1654 for standard color finish
- Coastal Construction (CC) option available

Typical Applications

- Exterior wall, walkway

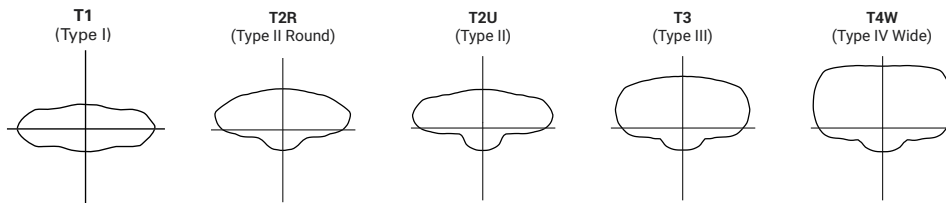
Compliance

- BAA domestic preference option meets BAA requirements. See [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information
- FHWA and FTA agencies are utilizing their BAA rules for BABA compliance. Cooper's products with a BAA designation are manufactured in the US and utilize a BAA COTS exemption rule for compliance. To verify a configured product with specific accessories and options meet BABA Domestic Preference Requirements; submit this catalog number to Cooper Lighting Quotation team for validation by our Engineering and Manufacturing teams.
- Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements

Warranty

- Five year limited warranty, consult website for details. www.cooperlighting.com/legal

Optical Distributions



Energy and Performance Data

Lumen Maintenance

Ambient Temperature	25,000 hours*	50,000 hours*	60,000 hours*	100,000 hours*	L70*
25°C	98.1%	96.3%	95.6%	92.8%	>102,000
40°C	98.0%	96.1%	95.3%	92.3%	>102,000
50°C	97.8%	95.6%	94.8%	91.4%	>102,000

Note: * Calculations provided in accordance with IES TM-21-11 using the configuration resulting in highest LED temperature.

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

FADC Settings

FADC Position	Percent of Typical Lumen Output
1	25%
2	48%
3	56%
4	65%
5	75%
6	80%
7	85%
8	90%
9	95%
10	100%

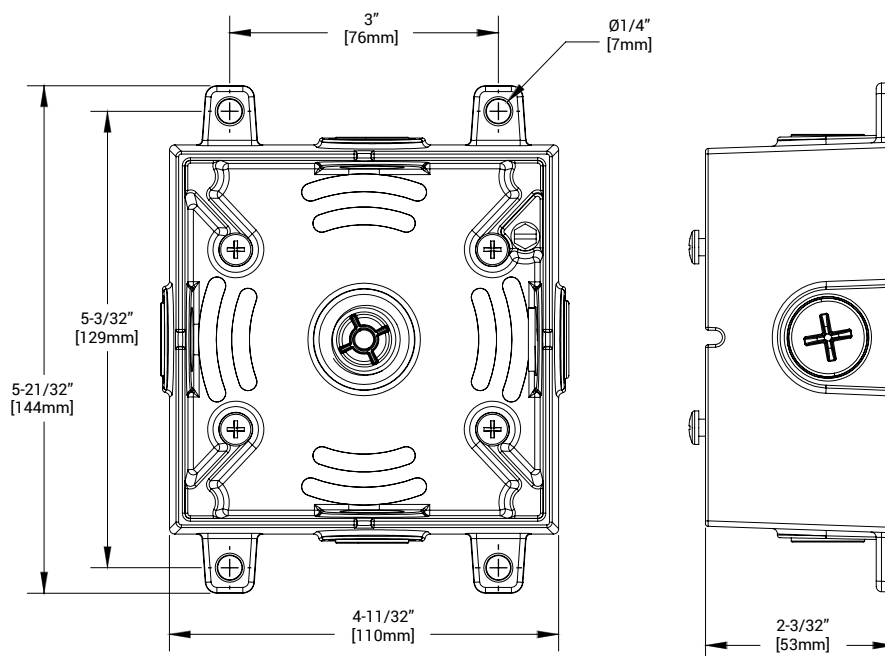
Note: +/-5% typical value

LED Color Multipliers

CRI	CCT				
	2200	2700	3000	4000	5000
Lumen Multiplier*					
70	0.83	0.92	0.95	1.00	1.00

Note: * Estimates, refer to IES files for accuracy.

Accessories



Energy and Performance Data

[View GKO Gekko IES files](#)

Number of Light Squares		1 Square (PB1)						2 Squares (PB2)						
Output Level		A	B	C	D	E	F	A	B	C	D	E		
Drive Current		180mA	300mA	520mA	740mA	1100mA	1500mA	800mA	1250mA	1700mA	1130mA	1500mA		
Nominal Power (Watts)		6	9	17	25	38	54	26	41	57	78	107		
Input Current @ 120V (A)		0.040	0.079	0.145	0.218	0.328	0.465	0.224	0.353	0.494	0.640	0.875		
Input Current @ 208V (A)		0.025	0.048	0.085	0.127	0.189	0.264	0.131	0.203	0.280	0.367	0.498		
Input Current @ 240V (A)		0.023	0.044	0.075	0.112	0.165	0.230	0.115	0.176	0.243	0.320	0.432		
Input Current @ 277V (A)		0.021	0.041	0.067	0.099	0.144	0.200	0.102	0.154	0.212	0.280	0.375		
Input Current @ 347V (A)		n/a	n/a	0.056	0.076	0.112	0.156	0.079	0.121	0.166	0.219	0.300		
Input Current @ 480V (A)		n/a	n/a	0.045	0.058	0.083	0.114	0.060	0.089	0.121	0.160	0.217		
CCT/ CRI	Optics	PB1A	PB1B	PB1C	PB1D	PB1E	PB1F	PB2A	PB2B	PB2C	PB2D	PB2E		
70 CRI 2200K CCT	T1	Lumens	671	1,307	2,244	3,184	4,504	5,814	3,658	5,547	7,241	9,059	11,179	
		Lumens per Watt	140	141	132	124	116	107	138	133	124	119	107	
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	
	T2R	Lumens	647	1,259	2,161	3,067	4,338	5,600	3,523	5,342	6,974	8,726	10,767	
		Lumens per Watt	135	135	127	120	112	103	133	128	120	115	103	
		BUG Rating	B0-U0-G0	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	
	T2U	Lumens	640	1,246	2,138	3,034	4,292	5,541	3,486	5,286	6,901	8,634	10,653	
		Lumens per Watt	133	134	126	119	111	102	132	126	119	113	102	
		BUG Rating	B0-U0-G0	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	
	T3	Lumens	637	1,241	2,130	3,023	4,276	5,520	3,473	5,266	6,875	8,601	10,613	
		Lumens per Watt	133	133	125	118	110	101	131	126	118	113	101	
		BUG Rating	B0-U0-G0	B0-U0-G0	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	
	T4W	Lumens	618	1,203	2,066	2,932	4,147	5,353	3,368	5,107	6,667	8,341	10,293	
		Lumens per Watt	129	129	122	115	107	98	127	122	115	109	98	
		BUG Rating	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	B2-U0-G2	B2-U0-G2	
	70 CRI 2700K CCT	T1	Lumens	744	1,449	2,487	3,529	4,992	6,445	4,055	6,148	8,026	10,042	12,391
			Lumens per Watt	155	156	146	138	129	118	153	147	138	132	118
			BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
T2R		Lumens	717	1,395	2,395	3,399	4,808	6,207	3,905	5,921	7,731	9,672	11,934	
		Lumens per Watt	149	150	141	133	124	114	147	142	133	127	114	
		BUG Rating	B0-U0-G0	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	B2-U0-G2	
T2U		Lumens	709	1,381	2,370	3,363	4,757	6,142	3,864	5,859	7,649	9,570	11,808	
		Lumens per Watt	148	148	139	131	123	113	146	140	131	126	113	
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	
T3		Lumens	707	1,375	2,361	3,350	4,739	6,118	3,849	5,837	7,620	9,533	11,763	
		Lumens per Watt	147	148	139	131	122	112	145	140	131	125	112	
		BUG Rating	B0-U0-G0	B0-U0-G0	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	
T4W		Lumens	685	1,334	2,290	3,249	4,596	5,934	3,733	5,661	7,390	9,246	11,409	
		Lumens per Watt	143	143	135	127	119	109	141	135	127	121	109	
		BUG Rating	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-G2	B2-U0-G2	

Number of Light Squares		1 Square (PB1)						2 Squares (PB2)						
Output Level		A	B	C	D	E	F	A	B	C	D	E		
Drive Current		180mA	300mA	520mA	740mA	1100mA	1500mA	800mA	1250mA	1700mA	1130mA	1500mA		
Nominal Power (Watts)		6	9	17	25	38	54	26	41	57	78	107		
Input Current @ 120V (A)		0.040	0.079	0.145	0.218	0.328	0.465	0.224	0.353	0.494	0.640	0.875		
Input Current @ 208V (A)		0.025	0.048	0.085	0.127	0.189	0.264	0.131	0.203	0.280	0.367	0.498		
Input Current @ 240V (A)		0.023	0.044	0.075	0.112	0.165	0.230	0.115	0.176	0.243	0.320	0.432		
Input Current @ 277V (A)		0.021	0.041	0.067	0.099	0.144	0.200	0.102	0.154	0.212	0.280	0.375		
Input Current @ 347V (A)		n/a	n/a	0.056	0.076	0.112	0.156	0.079	0.121	0.166	0.219	0.300		
Input Current @ 480V (A)		n/a	n/a	0.045	0.058	0.083	0.114	0.060	0.089	0.121	0.160	0.217		
CCT/ CRI	Optics	PB1A	PB1B	PB1C	PB1D	PB1E	PB1F	PB2A	PB2B	PB2C	PB2D	PB2E		
70 CRI 3000K CCT	T1	Lumens	760	1,480	2,541	3,606	5,100	6,585	4,143	6,282	8,201	10,260	12,660	
		Lumens per Watt	158	159	149	141	132	121	156	150	141	135	121	
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	
	T2R	Lumens	732	1,426	2,447	3,473	4,912	6,342	3,990	6,050	7,899	9,882	12,194	
		Lumens per Watt	153	153	144	136	127	116	151	145	136	130	116	
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	
	T2U	Lumens	725	1,411	2,422	3,436	4,861	6,275	3,948	5,986	7,815	9,778	12,065	
		Lumens per Watt	151	152	142	134	126	115	149	143	134	128	115	
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	
	T3	Lumens	722	1,405	2,412	3,423	4,842	6,251	3,933	5,964	7,786	9,741	12,019	
		Lumens per Watt	150	151	142	134	125	115	148	143	134	128	115	
		BUG Rating	B0-U0-G0	B0-U0-G0	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
	T4W	Lumens	700	1,363	2,340	3,320	4,696	6,063	3,814	5,784	7,551	9,447	11,657	
		Lumens per Watt	146	147	138	130	121	111	144	138	130	124	111	
		BUG Rating	B0-U0-G0	B0-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	B2-U0-G2	
	70 CRI 3500K CCT	T1	Lumens	774	1,507	2,587	3,672	5,193	6,705	4,218	6,396	8,350	10,447	12,891
			Lumens per Watt	161	162	152	143	134	123	159	153	143	137	123
			BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
T2R		Lumens	746	1,452	2,492	3,536	5,002	6,458	4,063	6,160	8,043	10,062	12,416	
		Lumens per Watt	155	156	147	138	129	118	153	147	138	132	119	
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	
T2U		Lumens	738	1,436	2,466	3,499	4,949	6,390	4,020	6,095	7,958	9,956	12,285	
		Lumens per Watt	154	154	145	137	128	117	152	146	137	131	117	
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	
T3		Lumens	735	1,431	2,456	3,486	4,930	6,365	4,005	6,072	7,928	9,918	12,238	
		Lumens per Watt	153	154	144	136	127	117	151	145	136	130	117	
		BUG Rating	B0-U0-G0	B0-U0-G0	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	B2-U0-G2
T4W		Lumens	713	1,388	2,382	3,381	4,782	6,173	3,884	5,889	7,689	9,619	11,869	
		Lumens per Watt	149	149	140	132	124	113	147	141	132	126	113	
		BUG Rating	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	B2-U0-G2	B2-U0-G2	B2-U0-G2

Number of Light Squares		1 Square (PB1)						2 Squares (PB2)					
Output Level		A	B	C	D	E	F	A	B	C	D	E	
Drive Current		180mA	300mA	520mA	740mA	1100mA	1500mA	800mA	1250mA	1700mA	1130mA	1500mA	
Nominal Power (Watts)		6	9	17	25	38	54	26	41	57	78	107	
Input Current @ 120V (A)		0.040	0.079	0.145	0.218	0.328	0.465	0.224	0.353	0.494	0.640	0.875	
Input Current @ 208V (A)		0.025	0.048	0.085	0.127	0.189	0.264	0.131	0.203	0.280	0.367	0.498	
Input Current @ 240V (A)		0.023	0.044	0.075	0.112	0.165	0.230	0.115	0.176	0.243	0.320	0.432	
Input Current @ 277V (A)		0.021	0.041	0.067	0.099	0.144	0.200	0.102	0.154	0.212	0.280	0.375	
Input Current @ 347V (A)		n/a	n/a	0.056	0.076	0.112	0.156	0.079	0.121	0.166	0.219	0.300	
Input Current @ 480V (A)		n/a	n/a	0.045	0.058	0.083	0.114	0.060	0.089	0.121	0.160	0.217	
CCT/ CRI	Optics	PB1A	PB1B	PB1C	PB1D	PB1E	PB1F	PB2A	PB2B	PB2C	PB2D	PB2E	
70 CRI 4000K 5000K CCT	T1	Lumens	809	1,575	2,703	3,836	5,426	7,005	4,407	6,683	8,724	10,915	13,468
		Lumens per Watt	169	169	159	150	140	129	166	160	150	143	129
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
	T2R	Lumens	779	1,517	2,604	3,695	5,226	6,747	4,245	6,436	8,403	10,513	12,972
		Lumens per Watt	162	163	153	144	135	124	160	154	144	138	124
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3
	T2U	Lumens	771	1,501	2,576	3,656	5,171	6,676	4,200	6,368	8,314	10,402	12,835
		Lumens per Watt	161	161	152	143	134	122	158	152	143	137	123
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3
	T3	Lumens	768	1,495	2,566	3,642	5,151	6,650	4,184	6,344	8,283	10,362	12,786
		Lumens per Watt	160	161	151	142	133	122	158	152	142	136	122
		BUG Rating	B0-U0-G0	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2
	T4W	Lumens	745	1,450	2,489	3,532	4,996	6,450	4,058	6,153	8,033	10,050	12,401
		Lumens per Watt	155	156	146	138	129	118	153	147	138	132	118
		BUG Rating	B0-U0-G0	B0-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	B2-U0-G2

Number of Light Squares			1 Square (PB1)					2 Squares (PB2)						
Output Level			A	B	C	D	E	F	A	B	C	D	E	
Drive Current			180mA	300mA	520mA	740mA	1100mA	1500mA	800mA	1250mA	1700mA	1130mA	1500mA	
Nominal Power (Watts)			6	9	17	25	38	54	26	41	57	78	107	
Input Current @ 120V (A)			0.040	0.079	0.145	0.218	0.328	0.465	0.224	0.353	0.494	0.640	0.875	
Input Current @ 208V (A)			0.025	0.048	0.085	0.127	0.189	0.264	0.131	0.203	0.280	0.367	0.498	
Input Current @ 240V (A)			0.023	0.044	0.075	0.112	0.165	0.230	0.115	0.176	0.243	0.320	0.432	
Input Current @ 277V (A)			0.021	0.041	0.067	0.099	0.144	0.200	0.102	0.154	0.212	0.280	0.375	
Input Current @ 347V (A)			n/a	n/a	0.056	0.076	0.112	0.156	0.079	0.121	0.166	0.219	0.300	
Input Current @ 480V (A)			n/a	n/a	0.045	0.058	0.083	0.114	0.060	0.089	0.121	0.160	0.217	
CCT / CRI	Optics		PB1A	PB1B	PB1C	PB1D	PB1E	PB1F	PB2A	PB2B	PB2C	PB2D	PB2E	
80 CRI 2700K CCT	T1	Lumens	686	1,335	2,292	3,253	4,601	5,940	3,737	5,667	7,398	9,256	11,421	
		Lumens per Watt	143	144	135	127	119	109	141	136	127	121	109	
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	
	T2R	Lumens	661	1,286	2,208	3,133	4,432	5,721	3,600	5,458	7,126	8,915	11,000	
		Lumens per Watt	138	138	130	122	115	105	136	131	122	117	105	
		BUG Rating	B0-U0-G0	B0-U0-G0	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	B2-U0-G2
	T2U	Lumens	654	1,273	2,185	3,100	4,385	5,661	3,562	5,400	7,050	8,821	10,884	
		Lumens per Watt	136	137	129	121	113	104	134	129	121	116	104	
		BUG Rating	B0-U0-G0	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	B2-U0-G2
	T3	Lumens	651	1,268	2,176	3,088	4,368	5,640	3,548	5,380	7,024	8,787	10,843	
		Lumens per Watt	136	136	128	121	113	103	134	129	121	115	104	
		BUG Rating	B0-U0-G0	B0-U0-G0	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
	T4W	Lumens	632	1,230	2,111	2,995	4,237	5,470	3,441	5,218	6,812	8,522	10,516	
		Lumens per Watt	132	132	124	117	109	100	130	125	117	112	100	
		BUG Rating	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-G2	B2-U0-G2	B2-U0-G2
	80 CRI 3000K CCT	T1	Lumens	713	1,387	2,382	3,380	4,780	6,172	3,883	5,887	7,686	9,616	11,866
			Lumens per Watt	148	149	140	132	124	113	147	141	132	126	113
			BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3
T2R		Lumens	686	1,336	2,294	3,255	4,604	5,944	3,740	5,670	7,403	9,262	11,428	
		Lumens per Watt	143	144	135	127	119	109	141	136	127	122	109	
		BUG Rating	B0-U0-G0	B0-U0-G0	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	B2-U0-G2
T2U		Lumens	679	1,322	2,270	3,221	4,556	5,881	3,700	5,611	7,325	9,164	11,308	
		Lumens per Watt	142	142	134	126	118	108	140	134	126	120	108	
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	
T3		Lumens	677	1,317	2,261	3,208	4,538	5,859	3,686	5,589	7,297	9,129	11,265	
		Lumens per Watt	141	142	133	125	117	108	139	134	125	120	108	
		BUG Rating	B0-U0-G0	B0-U0-G0	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
T4W		Lumens	656	1,277	2,193	3,112	4,401	5,682	3,575	5,421	7,077	8,854	10,925	
		Lumens per Watt	137	137	129	122	114	104	135	130	122	116	104	
		BUG Rating	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-G2	B2-U0-G2	B2-U0-G2

Number of Light Squares		1 Square (PB1)						2 Squares (PB2)						
Output Level		A	B	C	D	E	F	A	B	C	D	E		
Drive Current		180mA	300mA	520mA	740mA	1100mA	1500mA	800mA	1250mA	1700mA	1130mA	1500mA		
Nominal Power (Watts)		6	9	17	25	38	54	26	41	57	78	107		
Input Current @ 120V (A)		0.040	0.079	0.145	0.218	0.328	0.465	0.224	0.353	0.494	0.640	0.875		
Input Current @ 208V (A)		0.025	0.048	0.085	0.127	0.189	0.264	0.131	0.203	0.280	0.367	0.498		
Input Current @ 240V (A)		0.023	0.044	0.075	0.112	0.165	0.230	0.115	0.176	0.243	0.320	0.432		
Input Current @ 277V (A)		0.021	0.041	0.067	0.099	0.144	0.200	0.102	0.154	0.212	0.280	0.375		
Input Current @ 347V (A)		n/a	n/a	0.056	0.076	0.112	0.156	0.079	0.121	0.166	0.219	0.300		
Input Current @ 480V (A)		n/a	n/a	0.045	0.058	0.083	0.114	0.060	0.089	0.121	0.160	0.217		
CCT/ CRI	Optics	PB1A	PB1B	PB1C	PB1D	PB1E	PB1F	PB2A	PB2B	PB2C	PB2D	PB2E		
80 CRI 3500K CCT	T1	Lumens	724	1,409	2,419	3,433	4,856	6,270	3,944	5,981	7,808	9,769	12,054	
		Lumens per Watt	151	152	142	134	125	115	149	143	134	128	115	
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	
	T2R	Lumens	697	1,357	2,330	3,307	4,677	6,038	3,799	5,760	7,520	9,409	11,610	
		Lumens per Watt	145	146	137	129	121	111	143	138	129	123	111	
		BUG Rating	B0-U0-G0	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	
	T2U	Lumens	690	1,343	2,306	3,272	4,628	5,975	3,759	5,700	7,441	9,310	11,487	
		Lumens per Watt	144	144	136	128	120	110	142	136	128	122	110	
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	
	T3	Lumens	687	1,338	2,297	3,259	4,610	5,952	3,745	5,678	7,413	9,274	11,444	
		Lumens per Watt	143	144	135	127	119	109	141	136	127	122	109	
		BUG Rating	B0-U0-G0	B0-U0-G0	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	
	T4W	Lumens	667	1,298	2,228	3,161	4,471	5,773	3,632	5,507	7,189	8,995	11,099	
		Lumens per Watt	139	140	131	123	116	106	137	132	124	118	106	
		BUG Rating	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-G2	B2-U0-G2	
	80 CRI 4000K CCT	T1	Lumens	748	1,455	2,498	3,544	5,014	6,473	4,072	6,175	8,061	10,085	12,445
			Lumens per Watt	156	156	147	138	130	119	154	148	139	132	119
			BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
T2R		Lumens	720	1,401	2,406	3,414	4,829	6,234	3,922	5,947	7,764	9,714	11,986	
		Lumens per Watt	150	151	142	133	125	114	148	142	133	127	114	
		BUG Rating	B0-U0-G0	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	B2-U0-G2	
T2U		Lumens	712	1,387	2,380	3,378	4,778	6,168	3,881	5,884	7,682	9,611	11,860	
		Lumens per Watt	148	149	140	132	123	113	146	141	132	126	113	
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	
T3		Lumens	710	1,381	2,371	3,365	4,760	6,145	3,866	5,862	7,653	9,575	11,815	
		Lumens per Watt	148	149	139	131	123	113	146	140	131	126	113	
		BUG Rating	B0-U0-G0	B0-U0-G0	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	
T4W		Lumens	688	1,340	2,300	3,264	4,616	5,960	3,750	5,685	7,422	9,286	11,458	
		Lumens per Watt	143	144	135	127	119	109	141	136	128	122	109	
		BUG Rating	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-G2	B2-U0-G2	

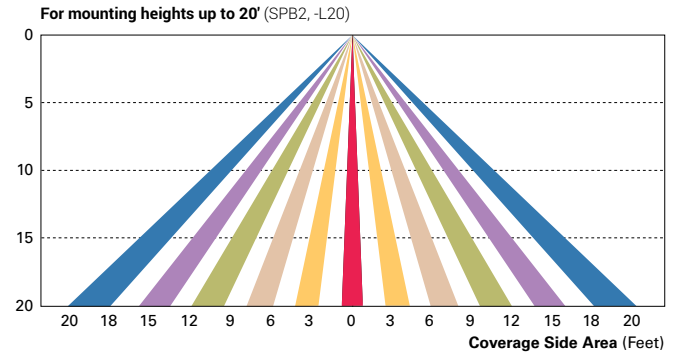
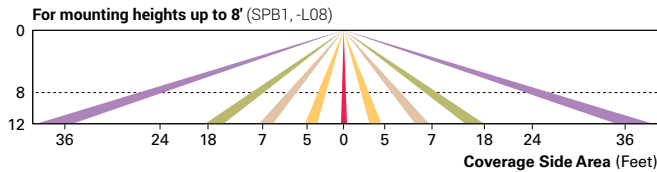
Number of Light Squares		1 Square (PB1)						2 Squares (PB2)					
Output Level		A	B	C	D	E	F	A	B	C	D	E	
Drive Current		180mA	300mA	520mA	740mA	1100mA	1500mA	800mA	1250mA	1700mA	1130mA	1500mA	
Nominal Power (Watts)		6	9	17	25	38	54	26	41	57	78	107	
Input Current @ 120V (A)		0.040	0.079	0.145	0.218	0.328	0.465	0.224	0.353	0.494	0.640	0.875	
Input Current @ 208V (A)		0.025	0.048	0.085	0.127	0.189	0.264	0.131	0.203	0.280	0.367	0.498	
Input Current @ 240V (A)		0.023	0.044	0.075	0.112	0.165	0.230	0.115	0.176	0.243	0.320	0.432	
Input Current @ 277V (A)		0.021	0.041	0.067	0.099	0.144	0.200	0.102	0.154	0.212	0.280	0.375	
Input Current @ 347V (A)		n/a	n/a	0.056	0.076	0.112	0.156	0.079	0.121	0.166	0.219	0.300	
Input Current @ 480V (A)		n/a	n/a	0.045	0.058	0.083	0.114	0.060	0.089	0.121	0.160	0.217	
CCT/ CRI	Optics	PB1A	PB1B	PB1C	PB1D	PB1E	PB1F	PB2A	PB2B	PB2C	PB2D	PB2E	
80 CRI 5000K CCT	T1	Lumens	748	1,455	2,498	3,544	5,014	6,473	4,072	6,175	8,061	10,085	12,445
		Lumens per Watt	156	156	147	138	130	119	154	148	139	132	119
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
	T2R	Lumens	720	1,401	2,406	3,414	4,829	6,234	3,922	5,947	7,764	9,714	11,986
		Lumens per Watt	150	151	142	133	125	114	148	142	133	127	114
		BUG Rating	B0-U0-G0	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	B2-U0-G2
	T2U	Lumens	712	1,387	2,380	3,378	4,778	6,168	3,881	5,884	7,682	9,611	11,860
		Lumens per Watt	148	149	140	132	123	113	146	141	132	126	113
		BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3
	T3	Lumens	710	1,381	2,371	3,365	4,760	6,145	3,866	5,862	7,653	9,575	11,815
		Lumens per Watt	148	149	139	131	123	113	146	140	131	126	113
		BUG Rating	B0-U0-G0	B0-U0-G0	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
	T4W	Lumens	688	1,340	2,300	3,264	4,616	5,960	3,750	5,685	7,422	9,286	11,458
		Lumens per Watt	143	144	135	127	119	109	141	136	128	122	109
		BUG Rating	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-G2	B2-U0-G2

Control Options

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

Photocontrol (BPC) Optional button-type photocontrol (BPC) provides a flexible solution to enable “dusk-to-dawn” lighting by sensing light levels.

Dimming Occupancy Sensor (SPB, MS/DIM-LXX) These sensors are factory installed in the luminaire housing. When the SPB or MS/DIM sensor options are selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. 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 SPB sensor is factory preset to dim down to approximately 10% power with a time delay of five minutes. The MS/DIM occupancy sensors require the FSIR-100 programming tool to adjust factory defaults.



WaveLinX Wireless Control and Monitoring System

Operates on a wireless mesh network based on IEEE 802.15.4 standards enabling wireless control of outdoor lighting. WaveLinX (WPS2 to WPS4) outdoor wireless sensors offer passive infrared (PIR) occupancy and photocell for closed loop daylight harvesting. 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 Lite (WLS4 and WLS2) outdoor wireless sensors provide PIR occupancy and photocell for closed loop daylight harvesting. 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 Lite mobile application for set-up and configuration. WAC not required. The out-of-box functionality is ON at dusk and OFF at dawn.

