

Project		Catalog #		Type	
Prepared by		Notes		Date	



McGraw-Edison

GFLD Galleon II Floodlight

Floodlight Luminaire

Product Features



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Product Certifications

Quick Facts

- Lumen packages range from 1,261 - 36,393 (18W - 368W)
- 8 NEMA Type flood distributions
- Efficacy up to 126 lumens per watt

Connected Systems

- WaveLinX Lite
- WaveLinX

Dimensional Details

1 Square - Knuckle Mount

19-3/4" [504mm]
13-1/4" [334mm]
3-3/4" [95mm]
9-5/8" [245mm]

3 Square - Adjustable Slipfitter Mount

22-3/4" [579mm]
13-1/4" [334mm]
4-1/2" [115mm]
22" [566mm]

6 Square - Adjustable Slipfitter Mount

32-1/2" [826mm]
21" [531mm]
4-3/4" [121mm]
22" [566mm]

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: GFLD-SA1C-940-U-TSB-T-BK

Product Family ^{1,2}	Light Engine		Color Temperature	Voltage	Distribution and IES NEMA Type (HxV)	Mounting Options	Finish	
	Configuration	Drive Current						
GFLD=Galleon II Floodlight	SA1=1 Square SA2=2 Squares SA3=3 Squares SA4=4 Squares SA5=5 Squares SA6=6 Squares	A=350mA ³ B=615mA C=800mA D=1050mA E=1200mA	927=90CRI, 2700K 930=90CRI, 3000K 935=90CRI, 3500K 940=90CRI, 4000K AMB=Amber, 590nm ⁴	U=120-277V 1=120V 2=208V 3=240V 4=277V 8=480V ²² 9=347V	TSB=Tight Spot Baffle TS=Tight Spot NR=Narrow Symmetrical Round MR=Medium Symmetrical Round MWR=Medium Wide Symmetrical Round WR=Wide Symmetrical Round NAT=Narrow Asymmetrical Rectangular WAF=Wide Asymmetrical Flood	NEMA 1x1 NEMA 2x2 NEMA 3x3 NEMA 4x4 NEMA 5x5 NEMA 6x6 NEMA 6x4 NEMA 7x6	T=Trunnion P=Adjustable Pole Mount ⁵ S=Adjustable Slipfitter ⁶ K=Knuckle ^{3,7} W=Wall Mount Y=Yoke ⁵	AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White
Options (Add as Suffix)		Controls and Systems Options (Add as Suffix)			Accessories (Order Separately)			
DIM=External 0-10V Dimming Leads ²⁰ F=Single Fuse ²¹ FF=Double Fuse ²¹ 20K=20kV UL 1449 Fused Surge Protective Device 2L=Two Circuits ¹⁸ CC=Coastal Construction L90=Optics Rotated 90° Left ⁸ R90=Optics Rotated 90° Right ⁸ AHD145=After Hours Dim, 5 Hours ⁹ AHD245=After Hours Dim, 6 Hours ⁹ AHD255=After Hours Dim, 7 Hours ⁹ AHD355=After Hours Dim, 8 Hours ⁹ HA=50°C High Ambient DALI=DALI Drivers WG=Factory installed Wire Guard ¹⁰ LVR=Factory installed Fixed Louver SLD=Factory installed Vandal Shield TB=3-position Terminal Block		BPC=Button Type Photocontrol ²³ PR=NEMA 3-PIN Photocontrol Receptacle PR7=NEMA 7-PIN Photocontrol Receptacle ¹¹ ZW=WaveLinX-enabled 4-PIN Twistlock Receptacle ¹² ZD=SR Driver-enabled 4-PIN Twistlock Receptacle ZW-SWPD4XX=WaveLinX, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting ^{12,14,19} ZW-SWPD5XX=WaveLinX, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting ^{12,14,19} ZD-SWPD4XX=WaveLinX, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting ^{14,19} ZD-SWPD5XX=WaveLinX, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting ^{14,19} ZW-WOBXX=WaveLinX Lite, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting ^{12,14,19} ZW-WOFXX=WaveLinX Lite, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting ^{12,14,19} ZD-WOBXX=WaveLinX Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting ^{14,19} ZD-WOFXX=WaveLinX Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting ^{14,19} SPB1=Dimming Motion and Daylight Sensor, Bluetooth Programmable, < 8' Mounting ¹³ SPB2=Dimming Motion and Daylight Sensor, Bluetooth Programmable, 8' - 20' Mounting ¹³ SPB4=Dimming Motion and Daylight Sensor, Bluetooth Programmable, 21' - 40' Mounting ¹³ DIM10-MS/DIM-L08=Synapse Occupancy Sensor (<8' Mounting) ¹¹ DIM10-MS/DIM-L20=Synapse Occupancy Sensor (9'-20' Mounting) ¹¹ DIM10-MS/DIM-L40=Synapse Occupancy Sensor (21'-40' Mounting) ¹¹			OA/RA1016=NEMA Photocontrol Multi-Tap - 105-285V OA/RA1027=NEMA Photocontrol - 480V OA/RA1013=NEMA Photocontrol - 347V OA/RA1013=Photocontrol Shorting Cap OA/RA1014=120V Photocontrol MA1252=10kV Surge Module Replacement WOLC-7P-10A=WaveLinX Outdoor Control Module ¹⁵ SWPD4-XX=WaveLinX Wireless Sensor, 7' - 15' Mounting Height ¹⁴ SWPD5-XX=WaveLinX Wireless Sensor, 15' - 40' Mounting Height ¹⁴ VSR/1/XX=Visor for 1 square housing ¹⁶ VSR/3/XX=Visor for 3 square housing ¹⁶ VSR/6/XX=Visor for 6 square housing ¹⁶ LS/WG/1=Field installed Wire Guard, 1 Sq ¹⁰ LS/WG/3=Field installed Wire Guard, 3 Sq ¹⁰ LS/WG/6=Field installed Wire Guard, 6 Sq ¹⁰ LS/LVR=Field installed Fixed Louver ¹⁷ LS/SLD/1=Field installed Vandal Shield, 1 Sq LS/SLD/3=Field installed Vandal Shield, 3 Sq LS/SLD/6=Field installed Vandal Shield, 6 Sq SRA238=Slipfitter adaptor for 2-3/8" O.D. tenon			
NOTES: 1. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information. 2. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details. 3. Available with SA1 only. 4. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Not available with HA option. 5. Not available with SA1. 6. SA1, SA2 and SA3 housings fit to 2-3/8" tenon. SA4, SA5 and SA6 housings fit to 3" tenon; for mounting to 2-3/8" O.D. tenon, order accessory SRA238. 7. Utilizes 1/2" NPS threads. 8. L90, R90 only available with NAT and WAF optics. 9. Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory. 10. Extended lead times may apply. 11. Not available if any SPB or WaveLinX sensor is selected. 12. Available in SA4, SA5 and SA6 only. 13. Sensor configuration mobile application required for configuration. See controls page for details. 14. Replace "XX" with housing color (WH, BZ or BK). 15. Requires PR7 receptacle. 16. Replace "XX" with finish. 17. Order one per light square. 18. 2L not available with motion sensors (WaveLinX, SPB or DIM10), 20K, AHD or FF. 2L in 1 square housing not available with 347V or 480V. 19. WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. WAC not required for Bluetooth Programmable sensors. 20. Low voltage control lead brought out 18" outside fixture. Not available with DALI or integrated controls options. 21. Single fuse (F) specify voltage 120V, 277V or 347V. Double fuse (FF) specify voltage 208V, 240V or 480V. 22. 480V not to be used with ungrounded or impedance grounded systems. 23. Specify voltage.								

Product Specifications

Construction

- Single-piece die-cast aluminum housing with integrated heat sink
- Available in three housing sizes: small (1 light square), medium (2 or 3 light squares), and large (4, 5 or 6 light squares)
- Housing and optics IK10 rated

Optics

- Eight IES NEMA optical distributions for Flood applications
- Shield and guard options include Visor (VSR), Vandal Shield (SLD), Wire Guard (WG) and Fixed Louver (LVR)
- TSB NEMA 1x1 optical distribution includes factory installed black polycarbonate baffle for optimal control
- VSR constructed of stamped aluminum and available in 6 standard finishes; VSR/1 and VSR/3 provide 30° of occlusion, VSR/6 provides 15° of occlusion; Two VSR/3 may be installed on a single large housing for maximum occlusion
- SLD constructed of Makrolon GP, UV stabilized clear polycarbonate, with a thickness of 3/16" and impact rated IK10; Secured at 4 fastening points and spaced 3/16" from optical lens

- WG constructed of 11-gauge wire in a 1"x1" cell pattern; Chrome color poly powder coat finish
- LVR constructed of black polycarbonate, providing 26° of occlusion; Field rotatable to 90°, 180° and 270

Electrical

- Standard with 0-10V dimming
- Standard with 10kV surge module; optional 20kV surge module
- Suitable for operation in -40°C to 40°C ambient environments
- Optional 50°C high ambient (HA) configuration

Mounting

- Available with Adjustable Slipfitter, Adjustable Pole mount, Trunnion, Knuckle, Yoke or Wall mount
- All arms factory installed and painted to match housing

Typical Applications

- Outdoor area, building façade, monuments, flags, bridges

Finish

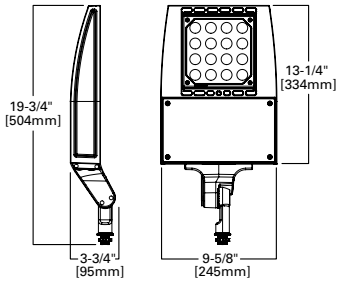
- Six standard finishes use super durable TGIC polyester powder coat paint, providing 2.5 mil nominal thickness and salt-spray tested to 3,000 hours per ASTM B117.
- RAL and custom color matches available
- Coastal Construction (CC) option salt-spray tested to 5,000 hours per ASTM B117

Warranty

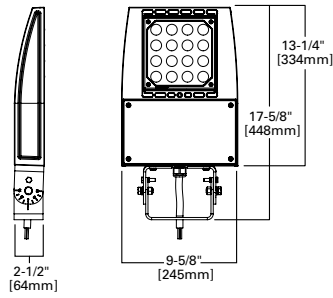
- Five year limited warranty

Mounting Details - 1 Square

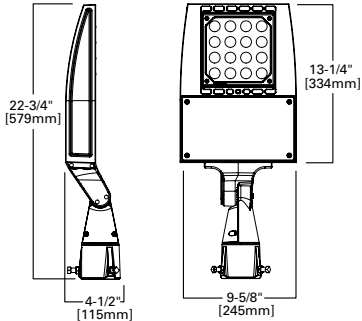
1 Square - Knuckle Mount (K)



1 Square - Trunnion Mount (T)

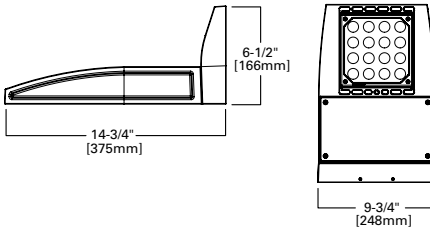


1 Square - Adjustable Slipfitter Mount (S)



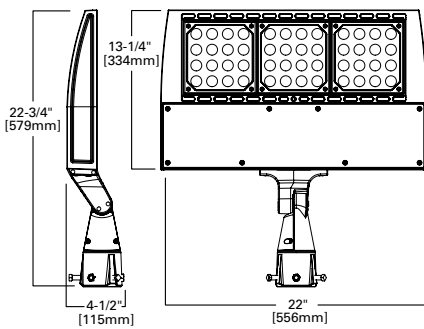
Tenon OD: 2-1/2"

1 Square - Wall Mount (W)

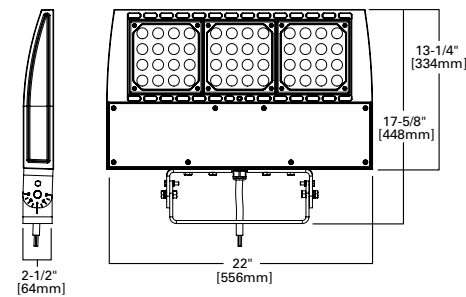


Mounting Details - 3 Square

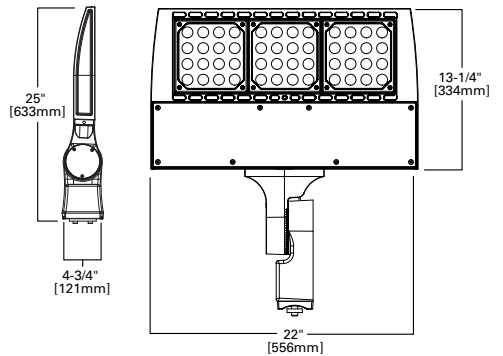
3 Square - Adjustable Slipfitter Mount (S)



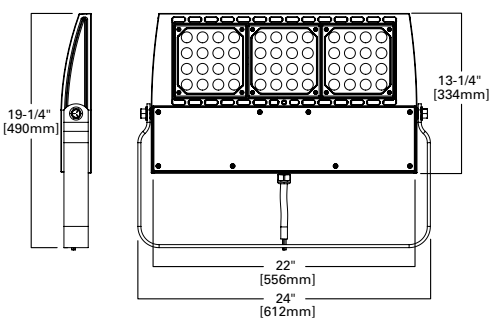
3 Square - Trunnion Mount (T)



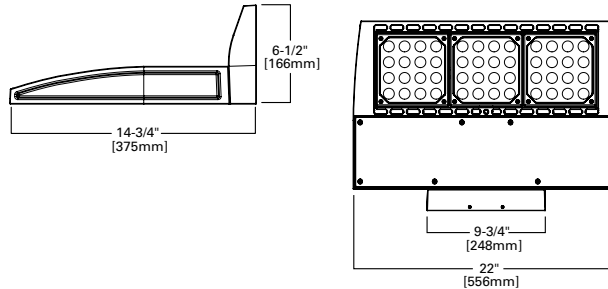
3 Square - Adjustable Pole Mount (P)



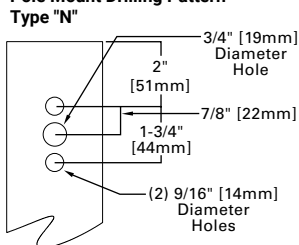
3 Square - Yoke Mount (Y)



3 Square - Wall Mount (W)

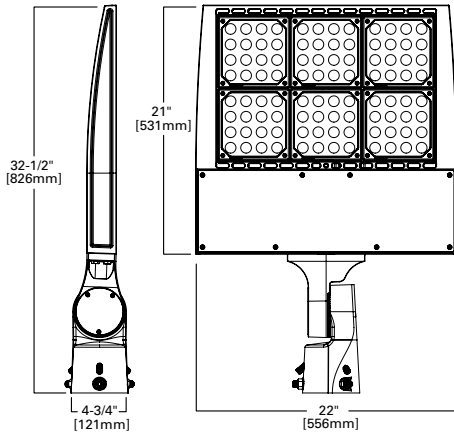


Pole Mount Drilling Pattern

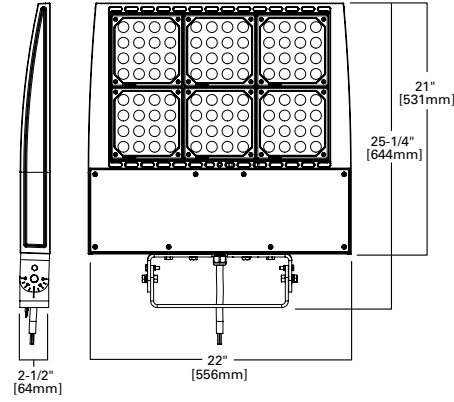


Mounting Details - 6 Square

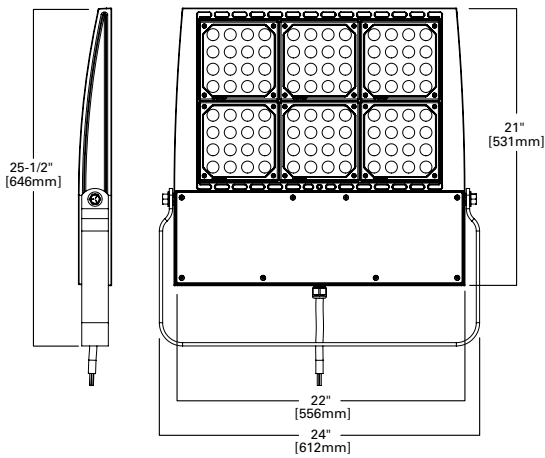
6 Square - Adjustable Slipfitter Mount (S)



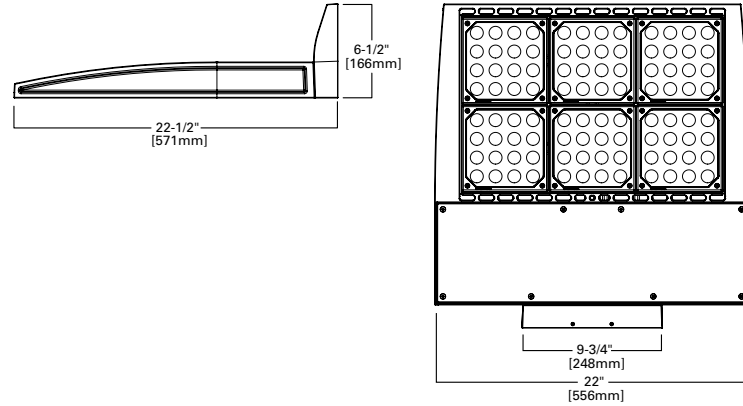
6 Square - Trunnion Mount (T)



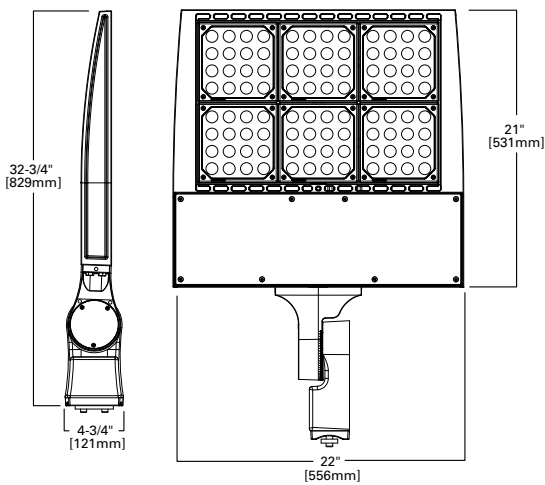
6 Square - Yoke Mount (Y)



6 Square - Wall Mount (W)

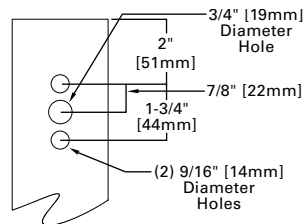


6 Square - Adjustable Pole Mount (P)



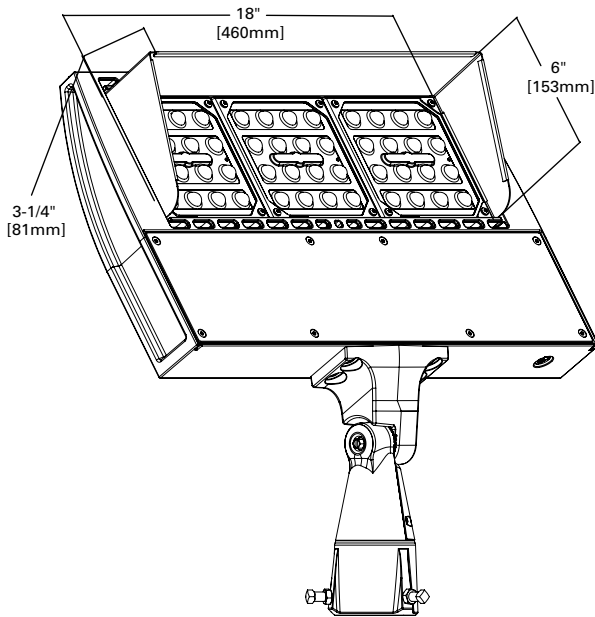
Pole Drilling Patterns

Type "N"

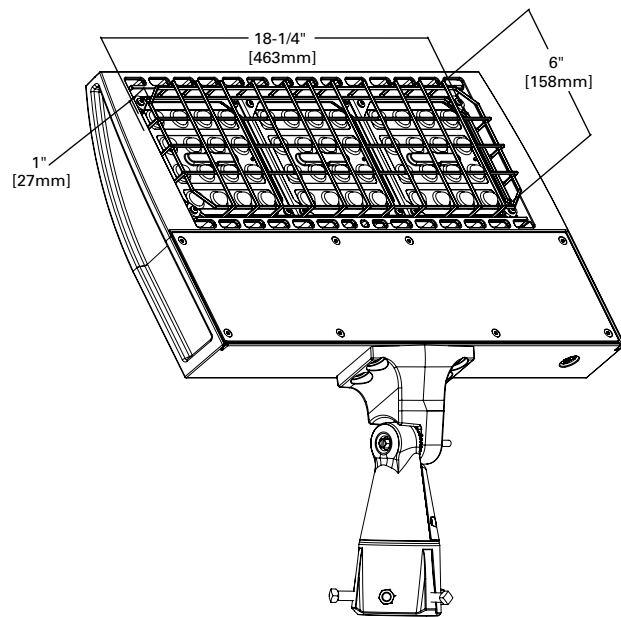


Product Accessories

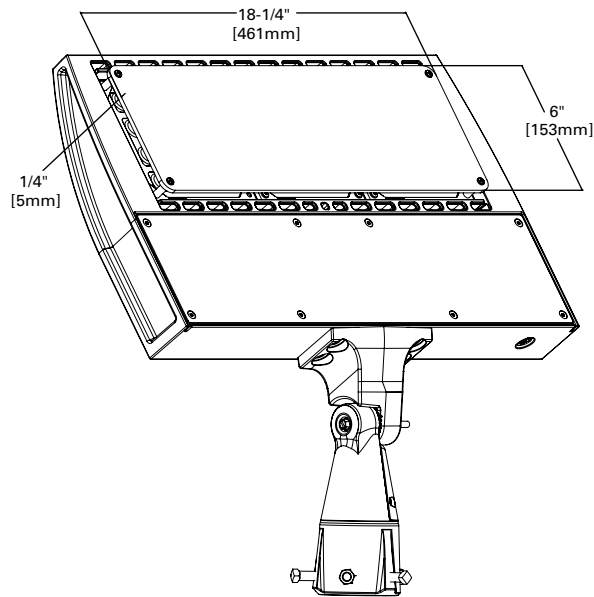
Visor Shield (VSR) ¹



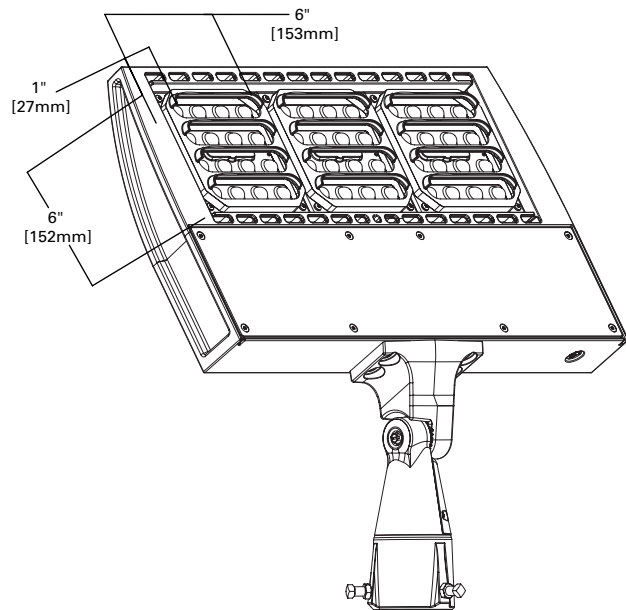
Wire Guard (WG) ¹



Vandal Shield (SLD) ¹

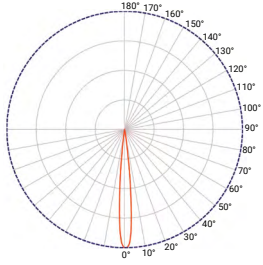
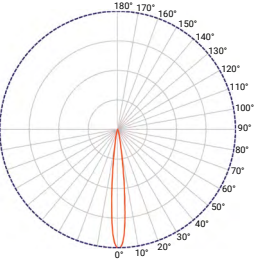
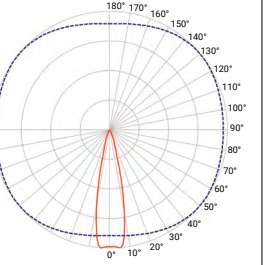
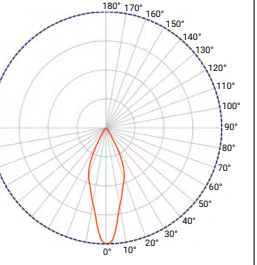
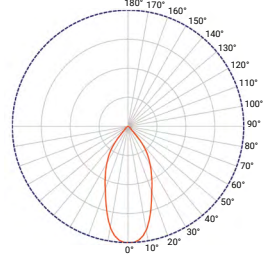
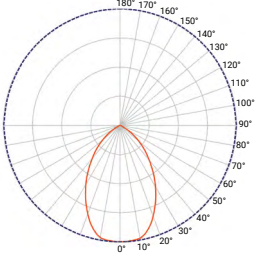
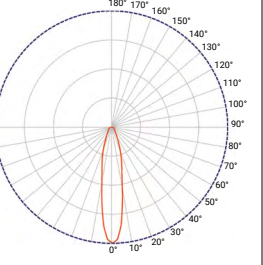
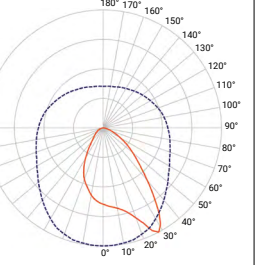


Fixed Louver (LVR) ²



- NOTES:**
 1. Shown configured for a 3-square housing. Also available configured for 1-square and 6-square housings.
 2. Use one per square.

Optical Distributions

Distributions	TSB	TS	NR	MR
NEMA Type	1H X 1V	2H X 2V	3H X 3V	4H X 4V
Horizontal Beam Angle (50%)	9°	12°	24°	34°
Vertical Beam Angle (50%)	10°	12°	24°	34°
Horizontal Field Angle (10%)	16°	25°	39°	64°
Vertical Field Angle (10%)	17°	25°	39°	64°
Peak Intensity (cd) 1 square ¹	99,104	83,758	32,041	13,293
Peak Intensity (cd) 3 squares ¹	297,030	251,014	96,028	39,837
Peak Intensity (cd) 6 squares ¹	589,313	497,992	190,517	79,036
Luminous Intensity Polar Plot				
Distributions	MWR	WR	NAT	WAF
NEMA Type	5H X 5V	6H X 6V	6H X 4V	7H X 6V
Horizontal Beam Angle (50%)	47°	68°	77°	86°
Vertical Beam Angle (50%)	48°	69°	21°	61°
Horizontal Field Angle (10%)	85°	117°	127°	136°
Vertical Field Angle (10%)	84°	115°	56°	115°
Peak Intensity (cd) 1 square ¹	7,511	4,386	7,685	3,665
Peak Intensity (cd) 3 squares ¹	22,510	13,146	23,030	10,985
Peak Intensity (cd) 6 squares ¹	44,658	26,081	45,690	21,794
Luminous Intensity Polar Plot				
NOTES: 1. 4000K CCT, 1200mA Drive Current "E"				

Energy and Performance Data

1 Square Performance Table

CRI / CCT	Drive Current		Lumens								Power (W)	
			TSB	TS	NR	MR	MWR	WR	NAT	WAF		
			1 x 1	2 x 2	3 x 3	4 x 4	5 x 5	6 x 6	6 x 4	7 x 6		
90 CRI, 2700K CCT	A 350mA	Lumens	1,261	1,987	1,967	1,914	1,901	1,929	1,790	1,736	18	
		Lm/W	70	110	109	106	106	107	99	96	--	
	B 615mA	Lumens	2,080	3,279	3,245	3,157	3,136	3,183	2,952	2,864	33	
		Lm/W	62	98	97	95	94	95	88	86	--	
	C 800mA	Lumens	2,581	4,067	4,026	3,917	3,891	3,949	3,663	3,553	44	
		Lm/W	59	94	93	90	89	91	84	82	--	
	D 1050mA	Lumens	3,100	4,887	4,837	4,706	4,675	4,744	4,400	4,269	55	
		Lm/W	56	88	87	85	85	86	80	77	--	
	E 1200mA	Lumens	3,404	5,365	5,310	5,166	5,132	5,208	4,831	4,687	64	
		Lm/W	54	84	84	81	81	82	76	74	--	
	90 CRI, 3000K CCT	A, 350mA	Lumens	1,291	2,034	2,013	1,959	1,946	1,975	1,832	1,777	18
			Lm/W	72	113	112	109	108	110	102	99	--
B 615mA		Lumens	2,129	3,355	3,321	3,231	3,210	3,257	3,022	2,931	33	
		Lm/W	64	100	99	97	96	98	90	88	--	
C 800mA		Lumens	2,641	4,163	4,120	4,009	3,982	4,041	3,749	3,637	44	
		Lm/W	61	96	95	92	92	93	86	84	--	
D 1050mA		Lumens	3,173	5,001	4,950	4,816	4,784	4,855	4,504	4,369	55	
		Lm/W	57	90	90	87	87	88	81	79	--	
E 1200mA		Lumens	3,484	5,491	5,435	5,288	5,253	5,331	4,945	4,797	64	
		Lm/W	55	86	86	83	83	84	78	76	--	
90 CRI, 3500K CCT		A 350mA	Lumens	1,397	2,202	2,180	2,121	2,107	2,138	1,983	1,924	18
			Lm/W	78	122	121	118	117	119	110	107	--
	B 615mA	Lumens	2,305	3,633	3,595	3,498	3,475	3,526	3,271	3,173	33	
		Lm/W	69	109	108	105	104	106	98	95	--	
	C 800mA	Lumens	2,859	4,507	4,461	4,340	4,311	4,375	4,058	3,937	44	
		Lm/W	66	104	103	100	99	101	93	91	--	
	D 1050mA	Lumens	3,435	5,414	5,359	5,214	5,179	5,256	4,876	4,730	55	
		Lm/W	62	98	97	94	94	95	88	86	--	
	E 1200mA	Lumens	3,771	5,944	5,883	5,724	5,686	5,771	5,353	5,193	64	
		Lm/W	59	94	93	90	90	91	84	82	--	
	90 CRI, 4000K CCT	A 350mA	Lumens	1,439	2,267	2,244	2,183	2,169	2,201	2,042	1,981	18
			Lm/W	80	126	125	121	121	122	113	110	--
B 615mA		Lumens	2,373	3,740	3,702	3,602	3,578	3,631	3,368	3,268	33	
		Lm/W	71	112	111	108	107	109	101	98	--	
C 800mA		Lumens	2,944	4,640	4,593	4,468	4,439	4,505	4,179	4,054	44	
		Lm/W	68	107	106	103	102	104	96	93	--	
D 1050mA		Lumens	3,537	5,575	5,518	5,368	5,333	5,412	5,020	4,870	55	
		Lm/W	64	101	100	97	96	98	91	88	--	
E 1200mA		Lumens	3,883	6,121	6,058	5,894	5,855	5,942	5,512	5,347	64	
		Lm/W	61	96	95	93	92	94	87	84	--	

2 Square Performance Table

CRI / CCT	Drive Current		Lumens								Power (W)
			TSB	TS	NR	MR	MWR	WR	NAT	WAF	
			1 x 1	2 x 2	3 x 3	4 x 4	5 x 5	6 x 6	6 x 4	7 x 6	
90 CRI, 2700K CCT	B 615mA	Lumens	4,158	6,553	6,486	6,311	6,269	6,362	5,901	5,725	63
		Lm/W	66	103	102	100	99	100	93	90	--
	C 800mA	Lumens	5,197	8,192	8,108	7,889	7,837	7,953	7,377	7,157	83
		Lm/W	63	99	98	95	94	96	89	86	--
	D 1050mA	Lumens	6,392	10,075	9,972	9,702	9,638	9,781	9,073	8,802	110
		Lm/W	58	92	91	88	88	89	83	80	--
E 1200mA	Lumens	7,026	11,074	10,961	10,664	10,594	10,751	9,973	9,675	127	
	Lm/W	55	87	86	84	84	85	79	76	--	
90 CRI, 3000K CCT	B 615mA	Lumens	4,255	6,625	6,557	6,380	6,337	6,431	5,966	5,788	63
		Lm/W	67	104	103	101	100	101	94	91	--
	C 800mA	Lumens	5,319	8,384	8,299	8,074	8,021	8,140	7,550	7,325	83
		Lm/W	64	101	100	97	97	98	91	88	--
	D 1050mA	Lumens	6,542	10,312	10,206	9,930	9,864	10,010	9,286	9,008	110
		Lm/W	60	94	93	90	90	91	85	82	--
E 1200mA	Lumens	7,191	11,334	11,219	10,915	10,843	11,003	10,207	9,902	127	
	Lm/W	57	89	89	86	86	87	81	78	--	
90 CRI, 3500K CCT	B 615mA	Lumens	4,607	7,261	7,187	6,992	6,946	7,049	6,539	6,343	63
		Lm/W	73	115	113	110	110	111	103	100	--
	C 800mA	Lumens	5,759	9,077	8,984	8,740	8,683	8,812	8,174	7,929	83
		Lm/W	69	109	108	105	104	106	98	95	--
	D 1050mA	Lumens	7,082	11,163	11,049	10,750	10,679	10,837	10,052	9,752	110
		Lm/W	65	102	101	98	97	99	92	89	--
E 1200mA	Lumens	7,785	12,270	12,145	11,816	11,738	11,912	11,049	10,719	127	
	Lm/W	61	97	96	93	93	94	87	85	--	
90 CRI, 4000K CCT	B 615mA	Lumens	4,743	7,476	7,400	7,200	7,152	7,258	6,733	6,531	63
		Lm/W	75	118	117	114	113	114	106	103	--
	C 800mA	Lumens	5,930	9,346	9,250	9,000	8,940	9,073	8,416	8,165	83
		Lm/W	71	112	111	108	108	109	101	98	--
	D 1050mA	Lumens	7,293	11,494	11,377	11,068	10,995	11,158	10,351	10,041	110
		Lm/W	66	105	104	101	100	102	94	91	--
E 1200mA	Lumens	8,016	12,634	12,505	12,166	12,086	12,265	11,377	11,037	127	
	Lm/W	63	100	99	96	95	97	90	87	--	

3 Square Performance Table

CRI / CCT	Drive Current		Lumens								Power (W)	
			TSB	TS	NR	MR	MWR	WR	NAT	WAF		
			1 x 1	2 x 2	3 x 3	4 x 4	5 x 5	6 x 6	6 x 4	7 x 6		
90 CRI, 2700K CCT	B 615mA	Lumens	6,037	9,515	9,418	9,163	9,102	9,237	8,568	8,312	91	
		Lm/W	66	104	103	101	100	101	94	91	--	
	C 800mA	Lumens	7,546	11,894	11,772	11,454	11,378	11,547	10,711	10,391	119	
		Lm/W	63	100	99	96	95	97	90	87	--	
	D 1050mA	Lumens	9,281	14,628	14,478	14,086	13,993	14,201	13,173	12,779	158	
		Lm/W	59	93	92	89	89	90	84	81	--	
	E 1200mA	Lumens	10,201	16,079	15,915	15,484	15,381	15,609	14,479	14,047	182	
		Lm/W	56	88	87	85	84	86	80	77	--	
	90 CRI, 3000K CCT	B 615mA	Lumens	6,178	9,738	9,639	9,378	9,316	9,454	8,769	8,507	91
			Lm/W	68	107	106	103	102	104	96	93	--
		C 800mA	Lumens	7,723	12,173	12,049	11,722	11,645	11,818	10,962	10,635	119
			Lm/W	65	102	101	98	98	99	92	89	--
D 1050mA		Lumens	9,499	14,971	14,818	14,417	14,322	14,534	13,482	13,079	158	
		Lm/W	60	95	94	91	91	92	85	83	--	
E 1200mA		Lumens	10,441	16,456	16,288	15,847	15,742	15,976	14,819	14,376	182	
		Lm/W	57	90	89	87	86	88	81	79	--	
90 CRI, 3500K CCT		B 615mA	Lumens	6,689	10,542	10,435	10,152	10,085	10,234	9,493	9,210	91
			Lm/W	73	116	115	111	111	112	104	101	--
		C 800mA	Lumens	8,361	13,178	13,044	12,690	12,607	12,794	11,867	11,513	119
			Lm/W	70	110	109	106	106	107	99	96	--
	D 1050mA	Lumens	10,283	16,208	16,042	15,607	15,504	15,734	14,595	14,159	158	
		Lm/W	65	103	102	99	98	100	93	90	--	
	E 1200mA	Lumens	11,303	17,815	17,633	17,156	17,042	17,295	16,043	15,564	182	
		Lm/W	62	98	97	94	94	95	88	85	--	
	90 CRI, 4000K CCT	B 615mA	Lumens	6,887	10,855	10,744	10,453	10,384	10,538	9,775	9,483	91
			Lm/W	76	119	118	115	114	116	107	104	--
		C 800mA	Lumens	8,609	13,569	13,431	13,067	12,980	13,173	12,219	11,854	119
			Lm/W	72	114	112	109	109	110	102	99	--
D 1050mA		Lumens	10,588	16,688	16,518	16,070	15,964	16,201	15,028	14,579	158	
		Lm/W	67	106	105	102	101	103	95	92	--	
E 1200mA		Lumens	11,638	18,344	18,156	17,664	17,548	17,808	16,519	16,025	182	
		Lm/W	64	101	100	97	96	98	91	88	--	

4 Square Performance Table

CRI / CCT	Drive Current		Lumens								Power (W)
			TSB	TS	NR	MR	MWR	WR	NAT	WAF	
			1 x 1	2 x 2	3 x 3	4 x 4	5 x 5	6 x 6	6 x 4	7 x 6	
90 CRI, 2700K CCT	B 615mA	Lumens	8,401	13,241	13,105	12,750	12,666	12,854	11,923	11,567	126
		Lm/W	67	105	104	101	101	102	95	92	--
	C 800mA	Lumens	10,373	16,350	16,183	15,745	15,641	15,873	14,723	14,284	164
		Lm/W	63	100	99	96	95	97	90	87	--
	D 1050mA	Lumens	12,661	19,955	19,751	19,216	19,089	19,372	17,970	17,433	217
		Lm/W	58	92	91	89	88	89	83	80	--
E 1200mA	Lumens	13,836	21,808	21,585	21,000	20,862	21,171	19,638	19,052	250	
	Lm/W	55	87	86	84	83	85	78	76	--	
90 CRI, 3000K CCT	B 615mA	Lumens	8,598	13,551	13,413	13,050	12,963	13,156	12,203	11,839	126
		Lm/W	68	108	107	104	103	104	97	94	--
	C 800mA	Lumens	10,617	16,734	16,563	16,114	16,008	16,245	15,069	14,619	164
		Lm/W	65	102	101	98	98	99	92	89	--
	D 1050mA	Lumens	12,958	20,424	20,215	19,667	19,537	19,827	18,392	17,842	217
		Lm/W	60	94	93	91	90	91	85	82	--
E 1200mA	Lumens	14,161	22,320	22,092	21,493	21,352	21,668	20,099	19,499	250	
	Lm/W	57	89	88	86	85	87	80	78	--	
90 CRI, 3500K CCT	B 615mA	Lumens	9,308	14,670	14,520	14,127	14,034	14,242	13,211	12,816	126
		Lm/W	74	117	115	112	111	113	105	102	--
	C 800mA	Lumens	11,494	18,116	17,930	17,445	17,330	17,587	16,313	15,826	164
		Lm/W	70	111	109	106	106	107	100	97	--
	D 1050mA	Lumens	14,028	22,110	21,884	21,291	21,151	21,464	19,910	19,315	217
		Lm/W	65	102	101	98	98	99	92	89	--
E 1200mA	Lumens	15,330	24,163	23,916	23,268	23,114	23,457	21,759	21,109	250	
	Lm/W	61	97	96	93	92	94	87	84	--	
90 CRI, 4000K CCT	B 615mA	Lumens	9,584	15,105	14,951	14,546	14,450	14,664	13,603	13,196	126
		Lm/W	76	120	119	116	115	116	108	105	--
	C 800mA	Lumens	11,834	18,653	18,462	17,962	17,844	18,108	16,797	16,295	164
		Lm/W	72	114	113	110	109	111	103	99	--
	D 1050mA	Lumens	14,444	22,766	22,533	21,923	21,778	22,101	20,501	19,888	217
		Lm/W	67	105	104	101	100	102	95	92	--
E 1200mA	Lumens	15,785	24,880	24,625	23,958	23,800	24,153	22,404	21,735	250	
	Lm/W	63	99	98	96	95	96	90	87	--	

5 Square Performance Table

CRI / CCT	Drive Current		Lumens								Power (W)	
			TSB	TS	NR	MR	MWR	WR	NAT	WAF		
			1 x 1	2 x 2	3 x 3	4 x 4	5 x 5	6 x 6	6 x 4	7 x 6		
90 CRI, 2700K CCT	B 615mA	Lumens	10,305	16,242	16,076	15,641	15,538	15,768	14,626	14,189	154	
		Lm/W	67	105	104	101	101	102	95	92	--	
	C 800mA	Lumens	12,725	20,057	19,852	19,314	19,187	19,471	18,061	17,522	201	
		Lm/W	63	100	99	96	96	97	90	87	--	
	D 1050mA	Lumens	15,531	24,479	24,229	23,573	23,417	23,764	22,044	21,385	266	
		Lm/W	58	92	91	89	88	89	83	81	--	
	E 1200mA	Lumens	16,973	26,752	26,479	25,761	25,591	25,971	24,091	23,371	307	
		Lm/W	55	87	86	84	83	85	79	76	--	
	90 CRI, 3000K CCT	B 615mA	Lumens	10,547	16,624	16,454	16,008	15,902	16,138	14,970	14,523	154
			Lm/W	68	108	107	104	103	105	97	94	--
		C 800mA	Lumens	13,024	20,528	20,318	19,767	19,637	19,928	18,485	17,933	201
			Lm/W	65	102	101	98	98	99	92	89	--
D 1050mA		Lumens	15,896	25,054	24,798	24,126	23,967	24,322	22,561	21,887	266	
		Lm/W	60	94	93	91	90	92	85	82	--	
E 1200mA		Lumens	17,371	27,380	27,100	26,366	26,192	26,581	24,656	23,920	307	
		Lm/W	57	89	88	86	85	87	80	78	--	
90 CRI, 3500K CCT		B 615mA	Lumens	11,418	17,996	17,812	17,330	17,215	17,471	16,206	15,722	154
			Lm/W	74	117	115	112	112	113	105	102	--
		C 800mA	Lumens	14,099	22,223	21,995	21,400	21,258	21,574	20,012	19,414	201
			Lm/W	70	111	110	107	106	107	100	97	--
	D 1050mA	Lumens	17,208	27,122	26,845	26,118	25,946	26,330	24,424	23,694	266	
		Lm/W	65	102	101	98	98	99	92	89	--	
	E 1200mA	Lumens	18,806	29,641	29,338	28,543	28,355	28,775	26,692	25,895	307	
		Lm/W	61	97	96	93	92	94	87	84	--	
	90 CRI, 4000K CCT	B 615mA	Lumens	11,756	18,530	18,341	17,844	17,726	17,989	16,686	16,188	154
			Lm/W	76	120	119	116	115	117	108	105	--
		C 800mA	Lumens	14,517	22,882	22,648	22,034	21,889	22,214	20,605	19,990	201
			Lm/W	72	114	113	110	109	111	103	100	--
D 1050mA		Lumens	17,718	27,927	27,641	26,893	26,715	27,111	25,148	24,397	266	
		Lm/W	67	105	104	101	101	102	95	92	--	
E 1200mA		Lumens	19,364	30,520	30,208	29,390	29,196	29,629	27,484	26,663	307	
		Lm/W	63	99	98	96	95	97	90	87	--	

6 Square Performance Table

CRI / CCT	Drive Current		Lumens								Power (W)	
			TSB	TS	NR	MR	MWR	WR	NAT	WAF		
			1 x 1	2 x 2	3 x 3	4 x 4	5 x 5	6 x 6	6 x 4	7 x 6		
90 CRI, 2700K CCT	B 615mA	Lumens	12,288	19,368	19,170	18,651	18,527	18,802	17,441	16,920	185	
		Lm/W	66	105	103	101	100	101	94	91	--	
	C 800mA	Lumens	15,174	23,916	23,672	23,031	22,879	23,218	21,537	20,894	241	
		Lm/W	63	99	98	96	95	96	89	87	--	
	D 1050mA	Lumens	18,520	29,190	28,891	28,109	27,923	28,337	26,286	25,500	319	
		Lm/W	58	92	91	88	88	89	82	80	--	
	E 1200mA	Lumens	20,239	30,603	30,290	29,470	29,275	29,709	27,558	26,735	368	
		Lm/W	55	83	82	80	79	81	75	73	--	
	90 CRI, 3000K CCT	B 615mA	Lumens	12,576	19,823	19,620	19,088	18,962	19,244	17,850	17,317	185
			Lm/W	68	107	106	103	102	104	96	93	--
		C 800mA	Lumens	15,530	24,478	24,228	23,571	23,416	23,763	22,042	21,384	241
			Lm/W	64	102	100	98	97	99	91	89	--
D 1050mA		Lumens	18,954	29,875	29,569	28,769	28,579	29,002	26,903	26,099	319	
		Lm/W	59	94	93	90	90	91	84	82	--	
E 1200mA		Lumens	20,714	32,649	32,315	31,440	31,232	31,696	29,401	28,522	368	
		Lm/W	56	89	88	85	85	86	80	77	--	
90 CRI, 3500K CCT		B 615mA	Lumens	13,615	21,459	21,240	20,665	20,528	20,833	19,324	18,747	185
			Lm/W	73	116	115	112	111	112	104	101	--
		C 800mA	Lumens	16,812	26,499	26,228	25,518	25,349	25,725	23,862	23,150	241
			Lm/W	70	110	109	106	105	107	99	96	--
	D 1050mA	Lumens	20,519	32,342	32,011	31,144	30,938	31,397	29,124	28,254	319	
		Lm/W	64	101	100	98	97	98	91	89	--	
	E 1200mA	Lumens	22,425	35,345	34,983	34,036	33,811	34,313	31,828	30,877	368	
		Lm/W	61	96	95	92	92	93	86	84	--	
	90 CRI, 4000K CCT	B 615mA	Lumens	14,019	22,096	21,870	21,277	21,137	21,450	19,897	19,303	185
			Lm/W	76	119	118	115	114	116	107	104	--
		C 800mA	Lumens	17,311	27,285	27,006	26,274	26,101	26,488	24,570	23,836	241
			Lm/W	72	113	112	109	108	110	102	99	--
D 1050mA		Lumens	21,128	33,301	32,960	32,068	31,856	32,328	29,988	29,092	319	
		Lm/W	66	104	103	101	100	101	94	91	--	
E 1200mA		Lumens	23,090	36,393	36,021	35,045	34,814	35,330	32,772	31,793	368	
		Lm/W	63	99	98	95	95	96	89	86	--	

Energy and Performance Data

Drive Current "A" (350mA)

Number of Light Squares	1
Nominal Power (Watts)	18
Input Current @ 120V	0.15
Input Current @ 208V	0.09
Input Current @ 240V	0.08
Input Current @ 277V	0.07

Drive Current "B" (615mA)

Number of Light Squares	1	2	3	4	5	6
Nominal Power (Watts)	33	63	93	121	154	182
Input Current @ 120V	0.28	0.53	0.78	1.06	1.31	1.56
Input Current @ 208V	0.16	0.31	0.46	0.62	0.77	0.92
Input Current @ 240V	0.14	0.27	0.40	0.54	0.67	0.80
Input Current @ 277V	0.13	0.24	0.35	0.47	0.58	0.70
Input Current @ 347V	0.10	0.18	0.27	0.36	0.45	0.54
Input Current @ 480V	0.07	0.13	0.20	0.27	0.33	0.40

Drive Current "C" (800mA)

Number of Light Squares	1	2	3	4	5	6
Nominal Power (Watts)	44	82	121	164	204	243
Input Current @ 120V	0.37	0.69	1.01	1.38	1.70	2.03
Input Current @ 208V	0.21	0.40	0.59	0.80	1.00	1.19
Input Current @ 240V	0.18	0.35	0.51	0.69	0.86	1.02
Input Current @ 277V	0.16	0.30	0.45	0.61	0.76	0.90
Input Current @ 347V	0.13	0.24	0.36	0.47	0.59	0.71
Input Current @ 480V	0.09	0.17	0.26	0.34	0.43	0.52

Drive Current "D" (1050mA)

Number of Light Squares	1	2	3	4	5	6
Nominal Power (Watts)	57	108	160	213	269	321
Input Current @ 120V	0.48	0.91	1.34	1.81	2.24	2.68
Input Current @ 208V	0.28	0.53	0.78	1.06	1.31	1.56
Input Current @ 240V	0.24	0.46	0.66	0.92	1.12	1.33
Input Current @ 277V	0.21	0.40	0.58	0.81	1.00	1.16
Input Current @ 347V	0.16	0.32	0.47	0.64	0.80	0.94
Input Current @ 480V	0.12	0.23	0.34	0.47	0.58	0.68

Drive Current "E" (1200mA)

Number of Light Squares	1	2	3	4	5	6
Nominal Power (Watts)	65	125	184	245	309	368
Input Current @ 120V	0.55	1.04	1.53	2.08	2.58	3.07
Input Current @ 208V	0.32	0.61	0.89	1.22	1.50	1.79
Input Current @ 240V	0.28	0.52	0.76	1.05	1.28	1.52
Input Current @ 277V	0.24	0.46	0.66	0.92	1.13	1.32
Input Current @ 347V	0.19	0.37	0.54	0.74	0.91	1.09
Input Current @ 480V	0.14	0.27	0.39	0.54	0.66	0.78

Fixture Weights and EPAs

Tilt Angle (Degrees)	Number of Light Squares	Weight	EPA
0°	1	10.0 lbs (4.5 kg)	0.45
	2-3	19.6 lbs (8.9 kg)	0.63
	4-6	32.9 lbs (14.9 kg)	0.77
60°	1	10.0 lbs (4.5 kg)	1.16
	2-3	19.6 lbs (8.9 kg)	2.37
	4-6	32.9 lbs (14.9 kg)	3.72

Control Options

0-10V (DIM)

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, PR and PR7)

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)

These passive infrared (PIR) sensors are connected to a standard dimming driver, activating the luminaire at night when motion is detected. After a prescribed time period, the luminaire turns off or is dimmed to a selected level. The sensor default parameters are listed in the table below. The SPB can be configured utilizing the Sensor Configuration mobile application for iOS and Android devices. An integral photocontrol can be activated with the app for "dusk-to-dawn" control or daylight harvesting - the factory default is off. Three sensor lenses are available to optimize the coverage pattern for mounting heights up to 40'. Four sensor colors are available; Bronze, Black, Gray and White, and are automatically selected based on the luminaire finish as indicated by the table below.

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

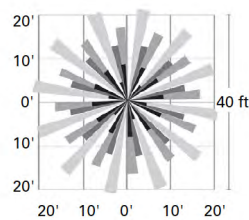
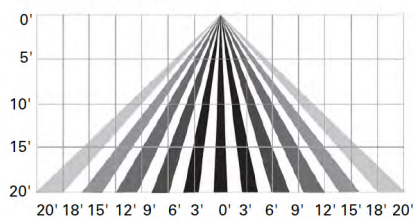
WaveLinx Wireless Control and Monitoring System

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.

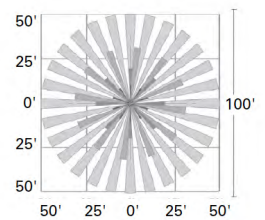
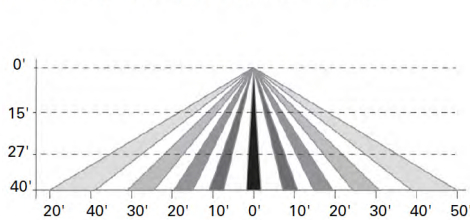
WaveLinx (SWPD4 and SWPD5) outdoor wireless sensors offer passive infrared (PIR) occupancy and photocell for closed loop daylight harvesting, and can be factory or field-installed. Sensors are factory preset to dim down to 50% after 15 minutes of no motion detected. Two lens options are available for 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 Lite (WOF and WOB) outdoor wireless sensors provide 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 Lite mobile application for set-up and configuration. WAC not required.

For mounting heights up to 15' (SWPD4 and WOB)



For mounting heights up to 40' (SWPD5 and WOF)



Default Program Settings (Out of the Box Functionality)

Occupancy Sensor			
Setting	SPB	WaveLinx Light Commercial	WaveLinx
High Mode %	100%	100%	100%
Low Mode %	10%	50%	50%
Time Delay	5 min	15 min	15 min
Cut Off Delay	1 hr	Disabled	Disabled
Photocell Enabled	No	Yes	Yes

WaveLinx Outdoor Control Module (WOLC-7P-10A) accessory provides a photocontrol enabling astronomic or time-based schedules to provide ON, OFF and dimming control of fixtures utilizing a 7-PIN receptacle. The out-of-box functionality is ON at dusk and OFF at dawn.

Synapse (DIM10)

SimplySNAP integrated wireless controls system by Synapse. Includes factory installed DIM10 Synapse control module and MS/DC motion sensor; requires additional Synapse system components for operation. Contact Synapse at www.synapsewireless.com for product support, warranty and terms and conditions.