Project		Catalog #		Type	
Prepared by		Notes		Date	

Lumark

Navion

Area / Site Luminaire

Product Features

LumenSafe Technology

Light ARchitect™

Interactive Menu

Product Certifications

Quick Facts

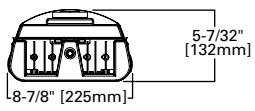
- Patented, high-efficiency AccuLED Optics™ system provides uniform illumination in 16 different optical distributions
- Lumen packages range from 4,700 - 50,000 nominal lumens (30W - 380W)
- Tool-less entry; hinged removable power door for easy maintenance
- Efficacies up to 158 lumens per watt

Connected Systems

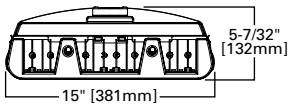
- WaveLinx
- Enlighted

Dimensional Details

1, 2 or 3 Light Squares

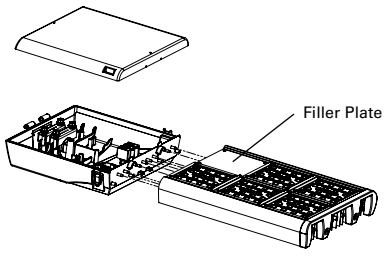


4, 5 or 6 Light Squares

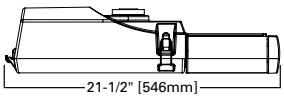


additional product diagrams

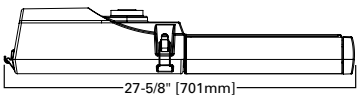
5 Light Squares



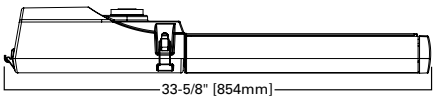
1 Light Square



2 or 4 Light Squares



3, 5 or 6 Light Squares



Ordering Information

SAMPLE ORDER NUMBER: **NAV-SA1C-740-U-T3-AP**

Product Family [1, 2]	Light Engine		Color Temperature	Voltage	Distribution	Mounting	Finish
	Configuration	Drive Current					
NAV=Navion	**SA1**=1 Square **SA2**=2 Squares **SA3**=3 Squares **SA4**=4 Squares **SA5**=5 Squares **SA6**=6 Squares	**A**=615mA **B**=800mA **C**=1050mA (1A) **D**=1200mA (1.2A)	**722**=70CRI, 2200K **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 **AMB**=590nm Amber [3]	**U**=Universal (120-277V) **9**=347V [4] **8**=480V [5]	**T2**=Type II **T2R**=Type II Roadway **T3**=Type III **T3R**=Type III Roadway **T4FT**=Type IV Forward Throw **T4W**=Type IV Wide **5NQ**=Type V Narrow **5MQ**=Type V Square Medium **5WQ**=Type V Square Wide **SL2**=Type II w/Spill Control **SL3**=Type III w/Spill Control **SL4**=Type IV w/Spill Control **SLL**=90° Spill Light Eliminator Left **SLR**=90° Spill Light Eliminator Right **RW**=Rectangular Wide Type I **AFL**=Automotive Front Line	**[Blank]**=Standard Mast Arm Slipfitter **AI**=22" Upsweep Mast Arm [6] **A15**=15" Straight Mast Arm [6] **ALJS15**=Adjustable Slipfitter (Factory set at 15° tilt) **ALJS25**=Adjustable Slipfitter (Factory set at 25° tilt) **ALJS45**=Adjustable Slipfitter (Factory set at 45° tilt)	**AP**=Grey **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White

Options (Add as Suffix)

10MSP=10kV MOV Surge Protective Device
10K=10kV UL 1449 Fused Surge Protective Device
20MSP=20kV MOV Surge Protective Device
20K=20kV UL 1449 Surge Protective Device
2L=Two Circuits [7]
L90=Optics Rotated 90° Left
R90=Optics Rotated 90° Right
HSS=House Side Shield [8]
HA=50°C High Ambient Temperature [9]
IP66=IP66 Rated
K=Level Indicator
LCF=Light Square Trim Plate Painted to Match Housing
CC=Coastal Construction finish [21]
MUSA=Manufactured in the USA
CE=CE Marking [9, 10]
PR=NEMA 3-PIN Twistlock Photocontrol Receptacle
PR7=NEMA 7-PIN Twistlock Photocontrol Receptacle

AHD145=After Hours Dim, 5 Hours [11]
AHD245=After Hours Dim, 6 Hours [11]
AHD255=After Hours Dim, 7 Hours [11]
AHD355=After Hours Dim, 8 Hours [11]
SPB1=Dimming Occupancy Sensor with Bluetooth Interface, <8' Mounting [22]
SPB2=Dimming Occupancy Sensor with Bluetooth Interface, 8'-20' Mounting [22]
SPB4=Dimming Occupancy Sensor with Bluetooth Interface, 21'-40' Mounting [22]
MS-L08=Motion Sensor for ON/OFF Operation, Up to 8' Mounting Height [12, 13]
MS-L20=Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height [12, 13]
MS-L40=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height [12, 13]
MS/X-L08=Motion Sensor for Bi-Level Operation, Up to 8' Mounting Height [12, 13, 14]
MS/X-L20=Motion Sensor for Bi-Level Operation, 9' - 20' Mounting Height [12, 13, 14]
MS/X-L40=Motion Sensor for Bi-Level Operation, 21' - 40' Mounting Height [12, 13, 14]
MS/DIM-L08=Motion Sensor for Dimming Operation, Up to 8' Mounting Height [12, 13]
MS/DIM-L20=Motion Sensor for Dimming Operation, 9' - 20' Mounting Height [12, 13]
MS/DIM-L40=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height [12, 13]
LWR-LW=Enlighted Wireless Sensor, 8' - 16' Mounting Height [12, 15]
LWR-LN=Enlighted Wireless Sensor, 16' - 40' Mounting Height [12, 15]
[See Table Below]=LumenSafe Integrated Network Security Camera [16]

Accessories (Order Separately) [17]

OA/RA1013=Twistlock Receptacle Shorting Cap
OA/RA1014=NEMA Twistlock Photocontrol - 120V
OA/RA1016=NEMA Twistlock Photocontrol - Multi-Tap
OA/RA1027=NEMA Twistlock Photocontrol - 480V
OA/RA1201=NEMA Twistlock Photocontrol - 347V
MA1010-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon
MA1011-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon
MA1017-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon

MA1018-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon
A15-XX=15" Straight Mast Arm Kit [6]
ALJS15-XX=Adjustable Slipfitter Kit (Factory set at 15° tilt)
ALJS25-XX=Adjustable Slipfitter Kit (Factory set at 25° tilt)
ALJS45-XX=Adjustable Slipfitter Kit (Factory set at 45° tilt)
LS/HSS=House Side Shield [8, 18]
FSIR-100=Wireless Configuration Tool for Motion Sensor [19]
WOLC-7P-10A=WaveLinx Outdoor Control Module (7-PIN) [20]

NOTES:

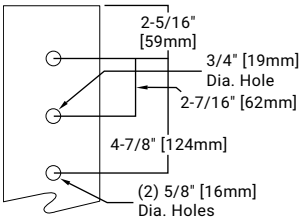
1. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
2. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for applications. Refer to installation instructions and pole white paper WP513001EN for additional support information.
3. Only available at Drive Current (A) which will be supplied at 500mA.
4. Not available with sensor options at 1.2A drive current. Not available in combination with HA high ambient and sensor options at 1A drive current.
5. 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).
6. Round pole adapter and mounting hardware included. Type M drill pattern.
7. Option available only with 4 and 6 Square configurations. Low-level output varies. Consult factory. Option not available in combination with high voltage (9 or 8) and sensor options (PR, PR7, AHD, MS, LWR, LumenSafe). No terminal block with 2L option.
8. House side shield not for use on 5NQ, 5MQ, 5WQ, or RW distributions. The Light Square Trim Plate is painted black when HSS option is selected.
9. Not available with 1.2A drive current or Amber color temperature (AMB).
10. Only available at Universal (U) voltage. Not available with sensor or controls options (PR, PR7, AHD, MS, LWR, LumenSafe).
11. Requires the use of Photocontrol Receptacle (PR or PR7) and a photocontrol accessory. See After Hours Dim Supplemental Guide for additional information.
12. Controls system is not available with photocontrol receptacle (PR or PR7) or other controls systems (MS or LWR).
13. Utilizes the Wattstopper sensor FSP-211.
14. Available with 4, 5, or 6 square configurations. Replace "X" with number of squares in low output modes. Maximum two squares in low output mode.
15. Enlighted wireless sensors are factory installed and require network components LWP-EM-1, LWP-GW-1, and LWP-PoE8 in appropriate quantities. See website for Enlighted application information.
16. All configurations require 15-in wide housing size. If 1-3 light square is selected, filler plates will be used. LumenSafe not available at high voltage (9 or 8) or High Ambient (HA). When ordered with Type V optic, a factory-installed light shield will be provided.
17. Replace XX with paint color.
18. Must order one per light square when ordering as a field-installable accessory.
19. 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.
20. Requires 7-PIN NEMA twistlock photocontrol receptacle (PR7) option. The WOLC-7 cannot be used in conjunction with other controls systems (MS or LWR). Only for use at 120-347V voltages.
21. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654.
22. Smart device with mobile application required to change system defaults. See controls section for details.

LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

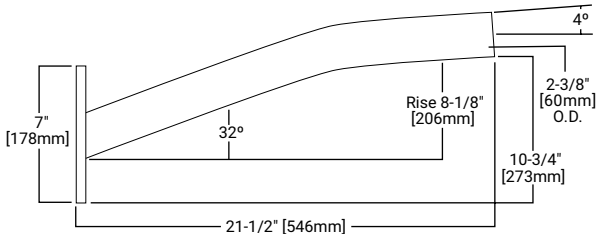
Product Family	Camera Type	Data Backhaul	
L=LumenSafe Technology LumenSafe Technology CLICK HERE	**D**=Dome Camera, Standard **H**=Dome Camera, Hi-Res **Z**=Dome Camera, Remote PTZ	**C**=Cellular, Customer Installed SIM Card **A**=Cellular, Factory Installed AT&T SIM Card **V**=Cellular, Factory Installed Verizon SIM Card	**S**=Cellular, Factory Installed Sprint SIM Card **W**=Wi-Fi Networking w/ Omni-Directional Antenna **E**=Ethernet Networking

Mounting Details

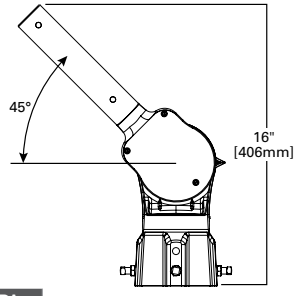
Type "M"



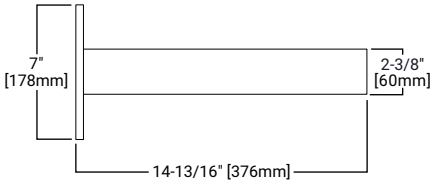
Upsweep Arm



Adjustable Slipfitter Offset Arm



15" Straight Arm



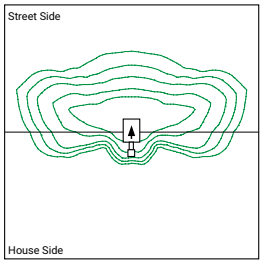
Effecitve Projected Area (EPA)

Configuration	Fixture Only EPA (Sq. Ft.)	Fixture and Upsweep Arm EPA (Sq. Ft.)
1 Square	0.8	1.2
2 Squares	1.0	1.3
3 Squares	1.2	1.5
4 Squares	1.2	1.5
5 Squares	1.4	1.7
6 Squares	1.4	1.7

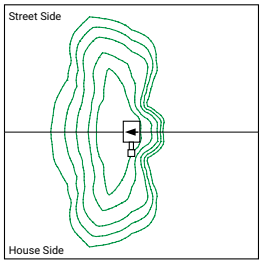
Optical Configurations

Orientation

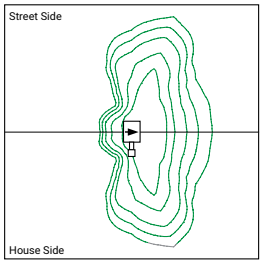
Standard



Optics Rotated Left @ 90˚



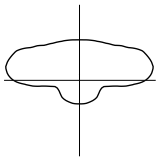
Optics Rotated Right @ 90˚



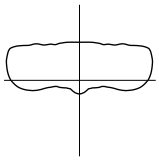
Distributions

Asymmetric Area Distributions

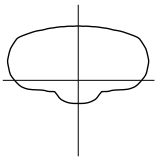
T2 (Type II)



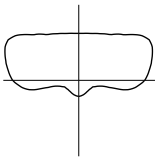
SL2 (Type II with Spill Control)



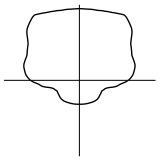
T3 (Type III)



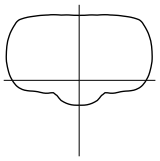
SL3 (Type III with Spill Control)



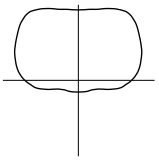
T4FT (Type IV Forward Throw)



T4W (Type IV Wide)

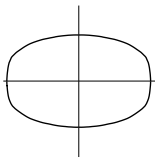


SL4 (Type IV with Spill Control)

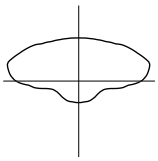


Asymmetric Roadway Distributions

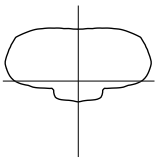
RW (Rectangular Wide Type I)



T2R (Type II Roadway)

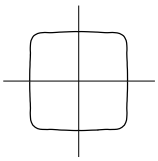


T3R (Type III Roadway)

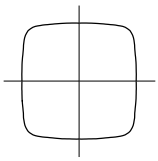


Symmertric Distributions

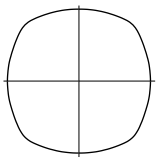
5NQ (Type V Square Narrow)



5MQ (Type V Square Medium)

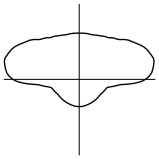


5WQ (Type V Square Wide)

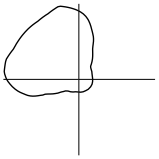


Specialized Distributions

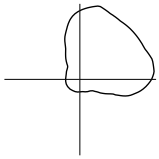
AFL (Automotive Frontline)



SLL (90° Spill Light Eliminator Left)



SLR (90° Spill Light Eliminator Right)



Product Specifications

Construction
- Die-cast aluminum housing and door
- Extruded aluminum heat sink
- Tool-less entry, hinged removable power tray door

Optics
- Light square are IP66 enclosure rated
- Precision molded polycarbonate optics

Electrical
- -40°C minimum operating temperature
- 40°C maximum operating temperature
- >.9 power factor
- <20% total harmonic distortion
- 0-10V dimming driver standard

Mounting
- Four-bolt / two-bracket slipfitter with cast-in pipe stop and level steps at 2.5° increments
- Fixed-in-place bird guard seals around 1-1/4" or 2" mounting arms

Finish
- Housing and cast parts finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness
- Heat sink is anodized aluminum

Shipping Data
- 1 Square 17 lbs. (7.7kgs.)
- 2 Squares 22 lbs. (10.0 kgs.)
- 3 Squares 26 lbs. (11.8 kgs.)
- 4 Squares 31 lbs (14.1 kgs.)
- 5 Squares 34 lbs. (15.4 kgs.)
- 6 Squares 36 lbs. (16.3 kgs.)

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

Energy and Performance Data

View Navion IES files

Lumen Maintenance

Drive Current	Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
Up to 1A	Up to 50°C	> 95%	416,000
1.2A	Up to 40°C	> 90%	205,000

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

Power and Lumens (1-3 Light Squares)

Number of Light Squares		SA1A	SA1B	SA1C	SA1D	SA2A	SA2B	SA2C	SA2D	SA3A	SA3B	SA3C	SA3D
Square Count		1	1	1	1	2	2	2	2	3	3	3	3
Drive Current (mA)		615	800	1050	1200	615	800	1050	1200	615	800	1050	1200
Power (Watts)		34	44	59	67	66	85	113	129	96	124	166	191
Input Current @ 120V (A)		0.30	0.39	0.51	0.51	0.58	0.77	1.02	1.16	0.86	1.13	1.53	1.78
Input Current @ 208V (A)		0.17	0.22	0.29	0.33	0.34	0.44	0.56	0.63	0.49	0.62	0.82	0.93
Input Current @ 240V (A)		0.15	0.19	0.26	0.29	0.30	0.38	0.48	0.55	0.43	0.54	0.71	0.80
Input Current @ 277V (A)		0.14	0.17	0.23	0.25	0.28	0.36	0.42	0.48	0.41	0.47	0.61	0.70
Input Current @ 347V (A)		0.11	0.15	0.17	0.20	0.19	0.24	0.32	0.39	0.30	0.38	0.50	0.57
Input Current @ 480V (A)		0.08	0.11	0.14	0.15	0.15	0.18	0.24	0.30	0.24	0.29	0.37	0.43
Distribution [1]													
T2	Lumens	4,681	5,741	7,106	7,796	9,334	11,447	14,167	15,541	13,881	17,022	21,069	23,111
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G3	B3-U0-G4
	Lumens per Watt	138	130	120	116	141	135	125	120	145	137	127	121
T2R	Lumens	5,012	6,146	7,607	8,345	9,993	12,255	15,168	16,639	14,862	18,225	22,556	24,744
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3
	Lumens per Watt	147	140	129	125	151	144	134	129	155	147	136	130
T3	Lumens	4,784	5,866	7,261	7,966	9,539	11,697	14,480	15,883	14,186	17,395	21,531	23,619
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4
	Lumens per Watt	141	133	123	119	145	138	128	123	148	140	130	124
T3R	Lumens	4,865	5,966	7,384	8,100	9,699	11,894	14,721	16,149	14,425	17,689	21,893	24,016
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4
	Lumens per Watt	143	136	125	121	147	140	130	125	150	143	132	126
T4FT	Lumens	4,821	5,911	7,316	8,026	9,612	11,787	14,589	16,004	14,294	17,529	21,694	23,799
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4
	Lumens per Watt	142	134	124	120	146	139	129	124	149	141	131	125
T4W	Lumens	4,727	5,796	7,175	7,870	9,423	11,556	14,302	15,690	14,015	17,185	21,270	23,333
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4
	Lumens per Watt	139	132	122	117	143	136	127	122	146	139	128	122
SL2	Lumens	4,689	5,750	7,116	7,807	9,350	11,464	14,189	15,566	13,903	17,049	21,102	23,149
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4
	Lumens per Watt	138	131	121	117	142	135	126	121	145	137	127	121
SL3	Lumens	4,777	5,858	7,251	7,954	9,524	11,680	14,455	15,857	14,164	17,367	21,496	23,581
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4
	Lumens per Watt	140	133	123	119	144	137	128	123	148	140	129	123
SL4	Lumens	4,563	5,595	6,926	7,597	9,098	11,155	13,808	15,147	13,529	16,590	20,535	22,526
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G4	B2-U0-G4	B2-U0-G5	B2-U0-G5
	Lumens per Watt	134	127	117	113	138	131	122	117	141	134	124	118
5NQ	Lumens	4,917	6,029	7,462	8,186	9,803	12,022	14,879	16,323	14,579	17,877	22,126	24,274
	BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	145	137	126	122	149	141	132	127	152	144	133	127
5MQ	Lumens	5,094	6,247	7,731	8,481	10,156	12,455	15,415	16,910	15,103	18,521	22,923	25,147
	BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3
	Lumens per Watt	150	142	131	127	154	147	136	131	157	149	138	132
5WQ	Lumens	4,976	6,102	7,553	8,285	9,921	12,166	15,058	16,518	14,755	18,092	22,394	24,565
	BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3
	Lumens per Watt	146	139	128	124	150	143	133	128	154	146	135	129
SLL/ SLR	Lumens	4,225	5,181	6,412	7,035	8,423	10,328	12,784	14,023	12,526	15,360	19,011	20,854
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G4	B2-U0-G4	B3-U0-G4
	Lumens per Watt	124	118	109	105	128	122	113	109	130	124	115	109
RW	Lumens	4,887	5,994	7,418	8,138	9,745	11,950	14,791	16,224	14,492	17,770	21,995	24,128
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	144	136	126	121	148	141	131	126	151	143	132	126
AFL	Lumens	4,901	6,009	7,438	8,159	9,771	11,981	14,829	16,268	14,532	17,818	22,054	24,193
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G2
	Lumens per Watt	144	137	126	122	148	141	131	126	151	144	133	127

NOTES: 1. Photometric data published here for 740, 750, 760 Color Temperature options. For other options, refer to published IES files on product webpage or Supplemental Performance Tables.

Power and Lumens (4-6 Light Squares)

Number of Light Squares		SA4A	SA4B	SA4C	SA4D	SA5A	SA5B	SA5C	SA5D	SA6A	SA6B	SA6C	SA6D
Square Count		4	4	4	4	5	5	5	5	6	6	6	6
Drive Current (mA)		615	800	1050	1200	615	800	1050	1200	615	800	1050	1200
Power (Watts)		129	171	225	258	162	210	279	320	193	249	333	382
Input Current @ 120V (A)		1.16	1.54	2.03	2.31	1.44	1.90	2.55	2.94	1.73	2.26	3.06	3.56
Input Current @ 208V (A)		0.65	0.88	1.11	1.27	0.84	1.06	1.37	1.57	0.99	1.24	1.64	1.87
Input Current @ 240V (A)		0.56	0.76	0.96	1.10	0.74	0.92	1.19	1.35	0.87	1.08	1.41	1.61
Input Current @ 277V (A)		0.52	0.72	0.83	0.96	0.69	0.83	1.03	1.18	0.81	0.95	1.23	1.39
Input Current @ 347V (A)		0.39	0.49	0.64	0.78	0.49	0.63	0.82	0.96	0.60	0.77	1.00	1.15
Input Current @ 480V (A)		0.30	0.37	0.48	0.60	0.38	0.48	0.61	0.73	0.48	0.59	0.75	0.85
Distribution [1]													
T2	Lumens	18,696	22,927	28,377	31,129	23,043	28,257	34,975	38,366	27,605	33,851	41,897	45,962
	BUG Rating	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
	Lumens per Watt	145	134	126	121	142	135	125	120	143	136	126	120
T2R	Lumens	20,017	24,545	30,380	33,327	24,669	30,251	37,442	41,074	29,554	36,241	44,856	49,206
	BUG Rating	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5
	Lumens per Watt	155	144	135	129	152	144	134	128	153	146	135	129
T3	Lumens	19,106	23,430	28,999	31,811	23,548	28,877	35,741	39,207	28,210	34,593	42,816	46,969
	BUG Rating	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5
	Lumens per Watt	148	137	129	123	145	138	128	123	146	139	129	123
T3R	Lumens	19,428	23,824	29,488	32,346	23,944	29,363	36,343	39,868	28,685	35,175	43,537	47,759
	BUG Rating	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	151	139	131	125	148	140	130	125	149	141	131	125
T4FT	Lumens	19,251	23,607	29,219	32,054	23,727	29,097	36,014	39,506	28,425	34,857	43,142	47,326
	BUG Rating	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5
	Lumens per Watt	149	138	130	124	146	139	129	123	147	140	130	124
T4W	Lumens	18,876	23,146	28,648	31,427	23,264	28,528	35,310	38,734	27,868	34,174	42,298	46,400
	BUG Rating	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	146	135	127	122	144	136	127	121	144	137	127	121
SL2	Lumens	18,726	22,963	28,421	31,178	23,080	28,302	35,030	38,426	27,649	33,904	41,964	46,034
	BUG Rating	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	145	134	126	121	142	135	126	120	143	136	126	121
SL3	Lumens	19,075	23,391	28,952	31,760	23,511	28,831	35,684	39,145	28,166	34,538	42,749	46,894
	BUG Rating	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	148	137	129	123	145	137	128	122	146	139	128	123
SL4	Lumens	18,222	22,345	27,656	30,339	22,459	27,540	34,086	37,392	26,905	32,992	40,835	44,795
	BUG Rating	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	141	131	123	118	139	131	122	117	139	132	123	117
5NQ	Lumens	19,636	24,078	29,802	32,692	24,201	29,677	36,731	40,294	28,992	35,552	44,003	48,270
	BUG Rating	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3
	Lumens per Watt	152	141	132	127	149	141	132	126	150	143	132	126
5MQ	Lumens	20,341	24,945	30,873	33,868	25,071	30,744	38,052	41,743	30,035	36,830	45,584	50,006
	BUG Rating	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4
	Lumens per Watt	158	146	137	131	155	146	136	130	156	148	137	131
5WQ	Lumens	19,872	24,368	30,161	33,086	24,493	30,035	37,174	40,780	29,341	35,980	44,532	48,852
	BUG Rating	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5
	Lumens per Watt	154	143	134	128	151	143	133	127	152	144	134	128
SLL/ SLR	Lumens	16,870	20,688	25,605	28,089	20,793	25,496	31,559	34,620	24,908	30,545	37,805	41,472
	BUG Rating	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	131	121	114	109	128	121	113	108	129	123	114	109
RW	Lumens	19,519	23,935	29,625	32,498	24,057	29,500	36,512	40,054	28,818	35,340	43,739	47,982
	BUG Rating	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
	Lumens per Watt	151	140	132	126	149	140	131	125	149	142	131	126
AFL	Lumens	19,571	24,000	29,705	32,586	24,121	29,578	36,611	40,162	28,896	35,434	43,858	48,112
	BUG Rating	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
	Lumens per Watt	152	140	132	126	149	141	131	126	150	142	132	126

NOTES: 1. Photometric data published here for 740, 750, 760 Color Temperature options. For other options, refer to published IES files on product webpage or Supplemental Performance Tables.

Control Options

0-10V
This fixture provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

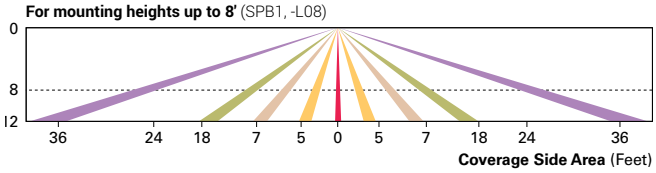
Photocontrol (PR and PR7)
Photocontrol receptacles provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-PIN standards can be utilized with the PR7 receptacle.

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.

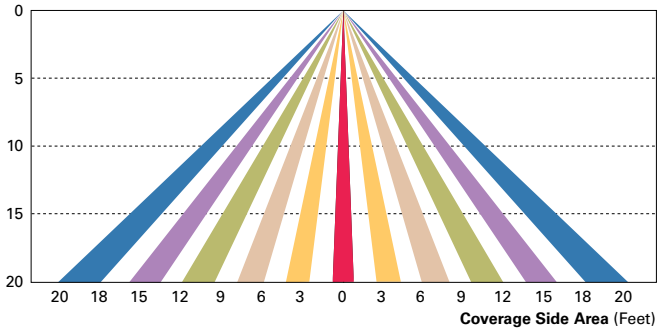
Dimming Occupancy Sensor (SPB, MS/DIM-LXX, MS/X-LXX and MS-LXX)
When a sensor for dimming operation (MS/DIM) option is selected, the luminaire will dim down to approximately 50 percent power after five mintues of no activity detected. When activity is detected, the luminaire returns to full light output. When a sensor for ON/OFF operation (MS-LXX) is selected, the luminaire will turn off after five minutes of no activity. When a sensor for bi-level operation (MS/X) is selected, the specified number of light engines will shut off after five minutes of inactivity. The remaining light engines will remain on. The SPB sensor is factory preset to dim down to approximately 10% power with a time delay of five minutes. The SPB requires the Sensor Configuration mobile application by Wattstopper or iOS and Android devices to change factory default dimming level, time delay, sensitivity and other parameters.

These occupancy sensors include an integral photocell that can be activated or inactivated with the programming remote / configuration tool for "dusk-to-dawn" control or daylight harvesting - the factory preset is OFF (Disabled.) The programming remote / tool is a wireless tool that can be utilized to change the dimming level, time delay, sensitivity and other parameters. A variety of sensor lenses are available to optimize the coverage pattern for mounting heights from 8'-40'.

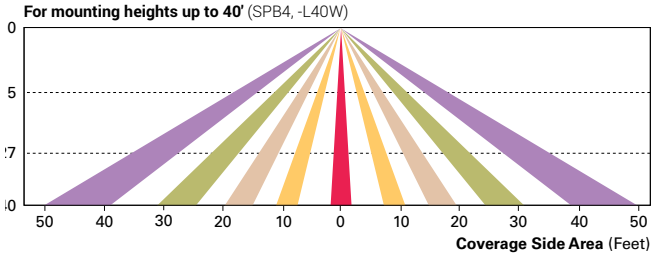
For mounting heights up to 8' (SPB1, -L08)



For mounting heights up to 20' (SPB2, -L20)



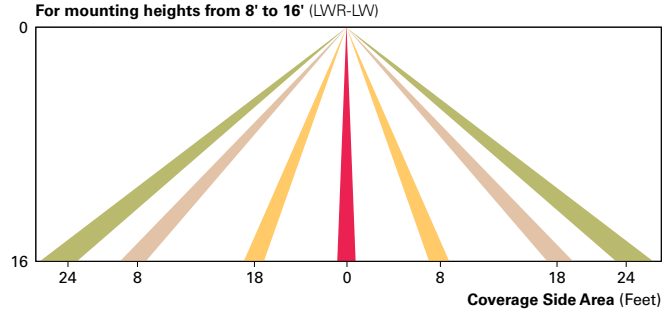
For mounting heights up to 40' (SPB4, -L40W)



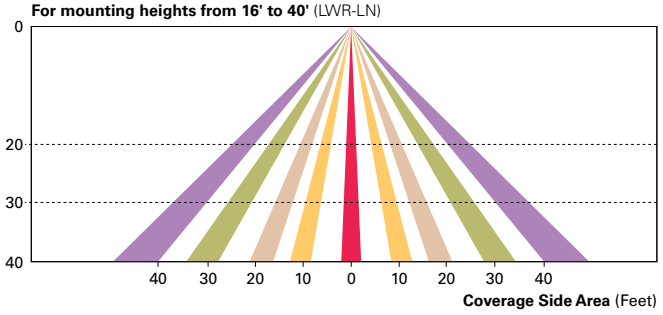
WaveLinx Wireless Control and Monitoring System Available in 7-PIN configurations, the WaveLinx Outdoor control platform operates on a wireless mesh network based on IEEE 802.15.4 standards enabling wireless control of outdoor lighting. Use the WaveLinx Mobile application for set-up and configuration. At least one Wireless Area Controller (WAC) is required for full functionality and remote communication (including adjustment of any factory pre-sets).
WaveLinx Outdoor Control Module (WOLC-7P-10A) A photocontrol that enables 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.

Enlighted Wireless Control and Monitoring System (LWR-LW and LWR-LN)
Enlighted is a connected lighting solution that combines LED luminaires with an integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources, beyond lighting.

For mounting heights from 8' to 16' (LWR-LW)



For mounting heights from 16' to 40' (LWR-LN)



LumenSafe (LD)
The LumenSafe integrated network camera is a streamlined, outdoor-ready camera that provides high definition video surveillance. This IP camera solution is optically designed to integrate into virtually any video management system or security software platform of choice. No additional wiring is needed beyond providing line voltage power to the luminaire. LumenSafe features factory-installed power and networking gear in a variety of networking options allowing security integrators to design the optimal solution for active surveillance.

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