



Garage & Canopy

SoftView

SVPG with ComfortEdge™



Gardco SoftView LED parking garage luminaires combine sleek architectural design with ComfortEdge™ technology, delivering uniform, diffused illumination to minimize glare and create a welcoming environment. Previously awarded LightFair's "Best in Show," the PIA Product Innovation Award, and recognized by NGL Next Generation Luminaires, SoftView shines with excellence. Featuring an always-included uplight to reduce the cave effect and enhance security, it offers up to 19,300 lumens, four optical distributions, and versatile mounting options—perfect for parking garage applications. Choose SoftView for low glare, lasting performance, and an exceptional lighting experience.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

Example: SVPG-6L-840-5RD-SUR-UNV-BLFP-L2-SP2-MG

Luminaire	Configuration (nom. lumens)	Color Temp.	Distribution	Mounting	Voltage
SVPG					
SVPG SoftView Parking Garage	2L 2,000 9L 9,000	730 70CRI, 3000K	5RD Type 5 Round (~4% uplight standard)	SUR Surface Mount / Indirect Pendant Mount, Normal vibration rated (pendant and junction box by others)	120 120V
	3L 3,000 12L 12,000	740 70CRI, 4000K	5CD Type 5 Concentrated Downlight (<1% uplight standard)	SBO ⁹ Surface Mount / Indirect Pendant Mount, Bridge/Overpass vibration rated (pendant and junction box by others)	208 208V
	4L 4,500 13L 13,000	830 80CRI, 3000K	T1R Type 1 Rectangular (~4% uplight standard)	PN1 1/2" Direct Pendant Mount, Normal vibration rated (pendant and junction box by others)	240 240V
	6L 6,000 15L 15,000	840 80CRI, 4000K	T4A Type 4 Asymmetric (~4% uplight standard)	PN2 3/4" Direct Pendant Mount, Normal vibration rated (pendant and junction box by others)	277 277V
	7L 7,500 17L 17,000	Other options (including but not limited to 727, 750, 827, 835, and 850) available - contact factory for details ⁹		TRN Trunnion Mount (must also order separate line item TM mounting kit, see Accessories)	347 347V
				WAL ¹⁰ Wall Mount (must also order separate line item WM mounting kit, see Accessories)	480 480V
					UNV Universal 120-277V
					HVU High Voltage Universal 347-480V

Options					
Dimming Controls (only one may be selected)	Sensing (only one may be selected)	Electrical	Emergency ⁷	Other options	Finish
The following options include 0-10V driver		Fusing ³	none Leave blank	none Leave blank	Standard Textured
none Leave blank (0-10V dimming driver standard)	none Leave blank	none Leave blank	BR ^{4,5} UL 924 Listed Emergency relay to bypass BLFP and WIAP dimming, integral	50C ⁸ 50°C Max Ambient Temperature	BK Black
DLEA 0-10V Dimming Leads Externally Accessible (controls by others)		FS1 Single Fuse (120V, 277V, or 347V)		UPL ⁹ 500lm Additional Uplight (contact factory for compatibility and/or more lumen output prior to ordering)	WH White
BLFP Bi-level set at 30% dimming, field programming with SVPG-HRP remote (see Accessories)	L2 ¹ PIR Sensor, #2 lens L3 ¹ PIR Sensor, #3 lens L7 ¹ PIR Sensor, #7 lens MW Microwave Sensor	FS2 Double Fuse (208V, 240V, or 480V)	EC ⁶ UL 924 Listed Emergency Battery Pack, Cold Rated (-20°C to +40°C/-4°F to +104°F)		BZ Bronze
The following options include D4i Certified DALI/SR driver²		Surge Protection		BAC ⁹ Meets the requirements of the Buy American Act of 1933 (BAA)	MG Medium Gray
ZD4i Zhaga-D4i Certified Fixture (includes Zhaga 4-pin receptacle)	none Leave blank	none Surge Protector 10kV/ 10kA (standard)			Customer Specified ⁹
WIAP ¹⁰ Wireless Interact connected to Zhaga-D4i Certified Fixture (includes Zhaga 4-pin receptacle)	LW Low (7'-15' mounting height) sensor, white color housing HW High (15'-40' mounting height) sensor, white color housing	SP2 Surge Protector 20kV/ 10kA (option)			OC Specify optional color or RAL, consult factory
					SC Special color (Must supply color chip, requires factory quote)

- L2, L3, L7 only available with 2L, 3L, 4L, 6L, 7L, 9L, or 12L configurations due to thermal restrictions.
- ZD4i or WIAP only available with 120, 208, 240, 277, or UNV.
- Must specify input voltage. UNV and HVU not valid.
- BR must be combined with a sensor (L2, L3, L7, MW, LW, or HW).
- BR only available with 2L, 3L, 4L, 6L, 7L, 9L, and 12L configurations due to fit restrictions.
- EC only available with 2L, 3L, 4L, 6L, 7L, 9L configurations due to thermal and fit restrictions.
- EC or BR only available with 120, 208, 240, 277, or UNV.

- 50C only available with standard configurations from 2L to 17L. For 50C with any options (dimming controls, sensing, electrical, emergency, other options) - contact factory.
- Must specify input voltage. UNV and HVU not valid.
- Must contact factory prior to ordering. Extended lead times or exclusions may apply.
- CAUTION: It is advised not to configure WIAP with WAL due to potential adverse impacts on Daylight Dependent Regulation (DDR) functionality (which supports photocontrol and daylight harvesting).

SoftView-Gen4-parking-garage-luminaire-en



SVPG SoftView

Garage & Canopy luminaire

[Accessories](#) (ordered separately, field installed)

Accessory	Code	Description
External Shield	SVPG-ES	External House Side Shield (designed for use with T4A, reduces light output by approx. 15% on average)
Wire Guard	SVPG-WG	Wire Guard
Trunnion Mount	SVPG-TM-(F)	Trunnion Mount kit (only select when TRN Trunnion Mount product is ordered)
Wall Mount	SVPG-WM-(F)	Wall Mount kit (only select when WAL Wall Mount product is ordered)
Bird Excluding Coil	SVPG-BXC	Bird excluding coil (fits on all mounting options, negligible uplight impact)
Bird Excluding Spikes	SVPG-BXK	Bird excluding spikes (fits on PN1, PN2, TRN, and WAL mounts only - does not fit on and not necessary for SUR, or SBO negligible uplight impact)
Bird Excluding Shroud	SVPG-BXS	Bird excluding shroud (fits on PN1 and PN2 mounts only, negligible uplight impact)
Handheld remote for programming BLFP	SVPG-HRP	Handheld remote for programming all BLFP Sensors - L2, L3, L7, MW (at least 1 required per site)

(F) = specify finish

SVPG SoftView

Garage & Canopy luminaire

LED wattage and lumen values

Ordering Code	CRI	Color Temp.	Average System Watts (W)	5RD			5CD			T1R			T4A		
				Lumen Output	Efficacy (LPW)	BUG Rating	Lumen Output	Efficacy (LPW)	BUG Rating	Lumen Output	Efficacy (LPW)	BUG Rating	Lumen Output	Efficacy (LPW)	BUG Rating
SVPG-2L-730	70	3000	16	1,991	125	B1-U2-G1	2,077	131	B1-U2-G1	1,596	100	B1-U3-G1	1,923	121	B1-U2-G1
SVPG-3L-730	70	3000	24	3,002	125	B2-U3-G1	3,132	131	B2-U3-G1	2,408	100	B1-U3-G1	2,901	121	B1-U2-G1
SVPG-4L-730	70	3000	35	4,191	122	B3-U3-G2	4,373	127	B2-U3-G2	3,361	97	B2-U3-G2	4,050	117	B1-U3-G2
SVPG-6L-730	70	3000	48	5,859	121	B3-U3-G2	6,113	126	B3-U3-G2	4,699	97	B2-U3-G2	5,662	117	B2-U3-G2
SVPG-7L-730	70	3000	60	7,278	121	B3-U3-G2	7,593	126	B3-U3-G2	5,837	97	B3-U3-G3	7,033	116	B2-U3-G2
SVPG-9L-730	70	3000	75	8,963	119	B3-U3-G3	9,351	125	B3-U3-G2	7,188	96	B3-U3-G3	8,661	115	B3-U3-G3
SVPG-12L-730	70	3000	101	11,739	116	B4-U3-G3	12,247	121	B3-U3-G3	9,414	93	B3-U3-G3	11,343	112	B3-U3-G3
SVPG-13L-730	70	3000	116	12,946	112	B4-U3-G3	13,506	117	B4-U3-G3	10,382	90	B3-U3-G3	12,509	108	B3-U3-G3
SVPG-15L-730	70	3000	134	14,731	110	B4-U3-G3	15,368	115	B4-U3-G3	11,813	88	B3-U4-G3	14,233	107	B3-U3-G3
SVPG-17L-730	70	3000	152	16,371	108	B4-U3-G3	17,079	113	B4-U3-G3	13,128	87	B3-U4-G3	15,818	104	B3-U3-G3
SVPG-2L-740	70	4000	16	2,252	142	B2-U2-G1	2,350	148	B1-U2-G1	1,806	114	B1-U3-G1	2,176	137	B1-U2-G1
SVPG-3L-740	70	4000	24	3,397	142	B2-U3-G2	3,544	148	B2-U3-G1	2,724	114	B1-U3-G1	3,283	137	B1-U2-G1
SVPG-4L-740	70	4000	35	4,742	138	B3-U3-G2	4,947	143	B2-U3-G2	3,803	110	B2-U3-G2	4,582	133	B2-U3-G2
SVPG-6L-740	70	4000	48	6,630	137	B3-U3-G2	6,917	143	B3-U3-G2	5,317	110	B2-U3-G2	6,406	132	B2-U3-G2
SVPG-7L-740	70	4000	60	8,235	136	B3-U3-G3	8,592	142	B3-U3-G2	6,604	109	B3-U3-G3	7,957	132	B2-U3-G3
SVPG-9L-740	70	4000	75	10,142	135	B3-U3-G3	10,581	141	B3-U3-G3	8,133	108	B3-U3-G3	9,799	131	B3-U3-G3
SVPG-12L-740	70	4000	101	13,283	131	B4-U3-G3	13,858	137	B4-U3-G3	10,652	105	B3-U3-G3	12,834	127	B3-U3-G3
SVPG-13L-740	70	4000	116	14,648	126	B4-U3-G3	15,282	132	B4-U3-G3	11,747	101	B3-U4-G3	14,153	122	B3-U3-G3
SVPG-15L-740	70	4000	134	16,667	125	B4-U3-G3	17,389	130	B4-U3-G3	13,366	100	B3-U4-G3	16,105	121	B3-U3-G3
SVPG-17L-740	70	4000	152	18,523	122	B4-U3-G4	19,325	127	B4-U3-G3	14,854	98	B4-U4-G4	17,898	118	B3-U3-G4
SVPG-2L-830	80	3000	16	1,799	113	B1-U2-G1	1,877	118	B1-U2-G1	1,443	91	B1-U3-G1	1,738	109	B1-U2-G1
SVPG-3L-830	80	3000	24	2,714	113	B2-U3-G1	2,831	118	B2-U3-G1	2,176	91	B1-U3-G1	2,622	109	B1-U2-G1
SVPG-4L-830	80	3000	35	3,788	110	B2-U3-G2	3,952	115	B2-U3-G1	3,038	88	B2-U3-G2	3,660	106	B1-U3-G2
SVPG-6L-830	80	3000	48	5,296	109	B3-U3-G2	5,525	114	B3-U3-G2	4,247	88	B2-U3-G2	5,117	106	B2-U3-G2
SVPG-7L-830	80	3000	60	6,578	109	B3-U3-G2	6,863	114	B3-U3-G2	5,275	87	B2-U3-G2	6,356	105	B2-U3-G2
SVPG-9L-830	80	3000	75	8,101	108	B3-U3-G3	8,452	113	B3-U3-G2	6,496	87	B3-U3-G3	7,828	104	B2-U3-G3
SVPG-12L-830	80	3000	101	10,610	105	B4-U3-G3	11,069	109	B3-U3-G3	8,508	84	B3-U3-G3	10,252	101	B3-U3-G3
SVPG-13L-830	80	3000	116	11,701	101	B4-U3-G3	12,207	105	B3-U3-G3	9,383	81	B3-U3-G3	11,306	98	B3-U3-G3
SVPG-15L-830	80	3000	134	13,314	100	B4-U3-G3	13,890	104	B4-U3-G3	10,677	80	B3-U3-G3	12,864	96	B3-U3-G3
SVPG-17L-830	80	3000	152	14,796	98	B4-U3-G3	15,436	102	B4-U3-G3	11,865	78	B3-U4-G3	14,296	94	B3-U3-G3
SVPG-2L-840	80	4000	16	1,899	119	B1-U2-G1	1,981	125	B1-U2-G1	1,523	96	B1-U3-G1	1,835	115	B1-U2-G1
SVPG-3L-840	80	4000	24	2,864	119	B2-U3-G1	2,988	125	B2-U3-G1	2,297	96	B1-U3-G1	2,767	115	B1-U2-G1
SVPG-4L-840	80	4000	35	3,998	116	B2-U3-G2	4,171	121	B2-U3-G1	3,206	93	B2-U3-G2	3,863	112	B1-U3-G2
SVPG-6L-840	80	4000	48	5,590	116	B3-U3-G2	5,831	121	B3-U3-G2	4,482	93	B2-U3-G2	5,401	112	B2-U3-G2
SVPG-7L-840	80	4000	60	6,943	115	B3-U3-G2	7,243	120	B3-U3-G2	5,568	92	B3-U3-G3	6,709	111	B2-U3-G2
SVPG-9L-840	80	4000	75	8,550	114	B3-U3-G3	8,920	119	B3-U3-G2	6,857	91	B3-U3-G3	8,262	110	B3-U3-G3
SVPG-12L-840	80	4000	101	11,198	110	B4-U3-G3	11,683	115	B3-U3-G3	8,980	89	B3-U3-G3	10,820	107	B3-U3-G3
SVPG-13L-840	80	4000	116	12,349	107	B4-U3-G3	12,884	111	B4-U3-G3	9,903	85	B3-U3-G3	11,933	103	B3-U3-G3
SVPG-15L-840	80	4000	134	14,052	105	B4-U3-G3	14,660	110	B4-U3-G3	11,269	84	B3-U3-G3	13,578	102	B3-U3-G3
SVPG-17L-840	80	4000	152	15,616	103	B4-U3-G3	16,292	107	B4-U3-G3	12,523	83	B3-U4-G3	15,089	100	B3-U3-G3

Emergency mode

EC Cold Rated Battery Pack	Wattage (W)	Approx. Average Lumen Output (lm)
	20	2,800

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

NOTE: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

* For emergency **EC** option, published values are based on approximate averages across all CCTs and all distributions assuming 15 foot mounting height. It is highly recommended to confirm with a photometric layout that emergency performance meets your applicable ordinances.

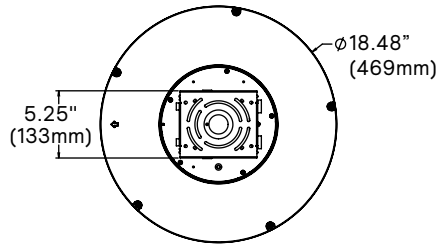
SVPG SoftView

Garage & Canopy luminaire

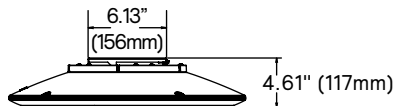
Dimension drawings

SUR Surface/Indirect Pendant Mount

Top view

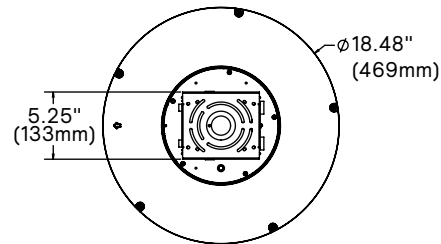


Side view

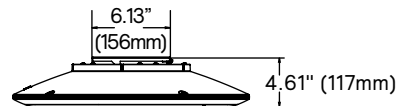


SBO Surface/Indirect Pendant Mount Bridge and Overpass

Top view

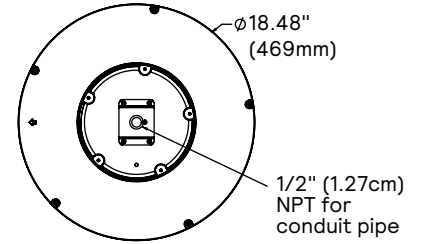


Side view

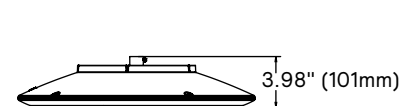


PN1 Direct Pendant Mount

Top view

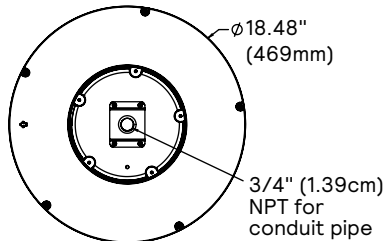


Side view

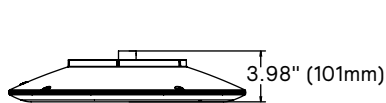


PN2 Direct Pendant Mount

Top view

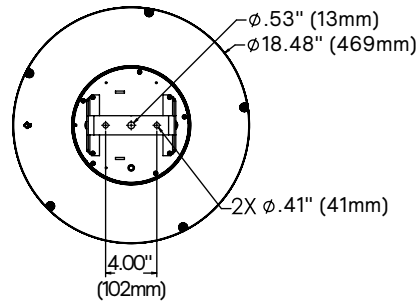


Side view

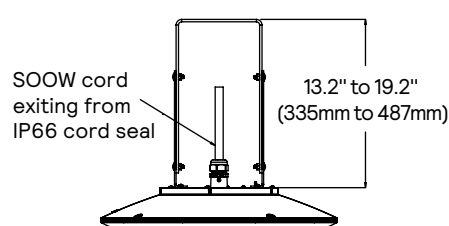


TRN Trunnion Mount

Top view

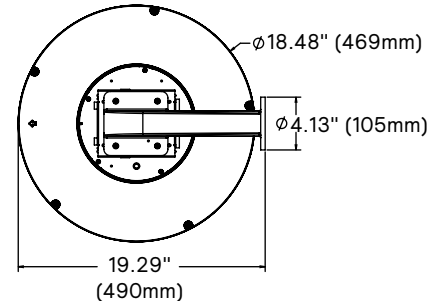


Side view

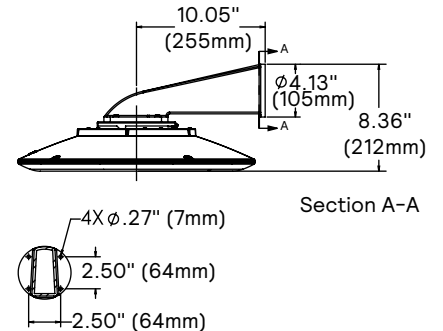


WAL Wall Mount

Top view



Side view



SoftView LED	Weight
6L Luminaire	9.7 lbs (4.4 kg)
17L Luminaire	11.9 lbs (5.4 kg)
9L Luminaire with EC	13.1 lbs (5.9 kg)

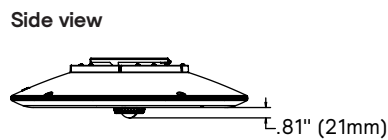
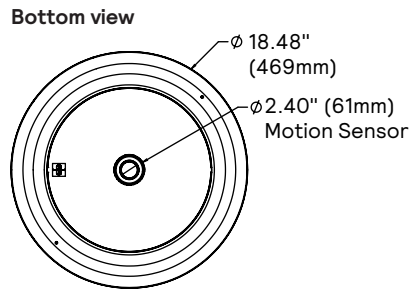
Shield designed for use with T4A, can be installed anywhere around entire perimeter - no tools required

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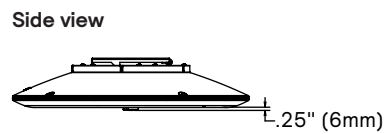
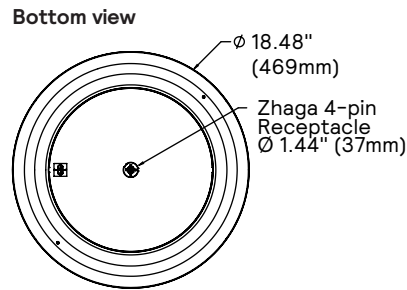
Garage & Canopy luminaire

Dimension drawings

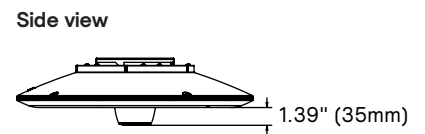
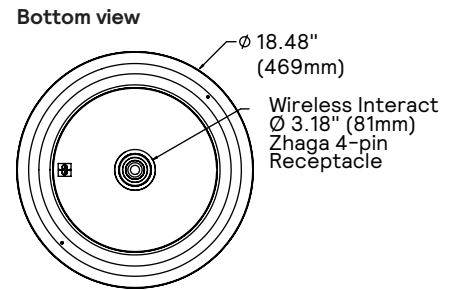
BLFP-L2/L3/L7 PIR Sensor



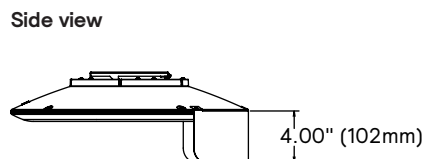
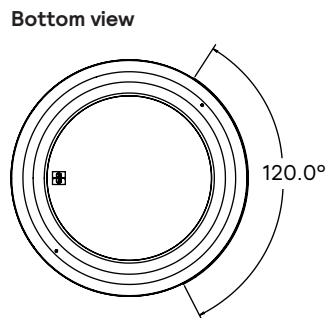
ZD4I Zhaga 4-pin Receptacle



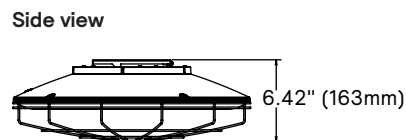
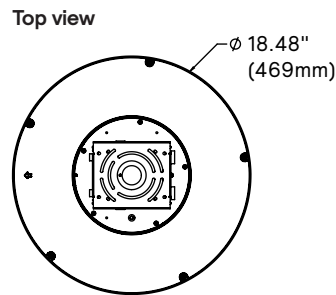
WIAP-LW/HW Wireless Interact



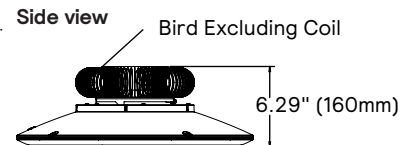
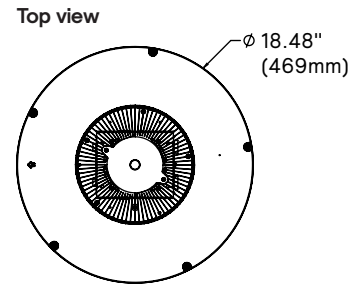
ES External House Side Shield



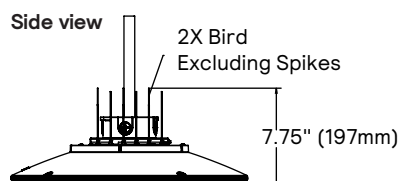
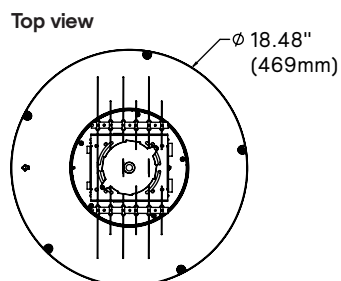
WG Wire Guard



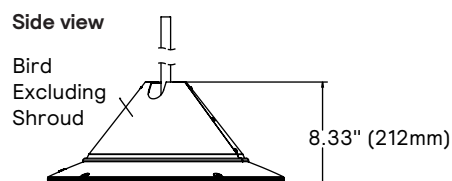
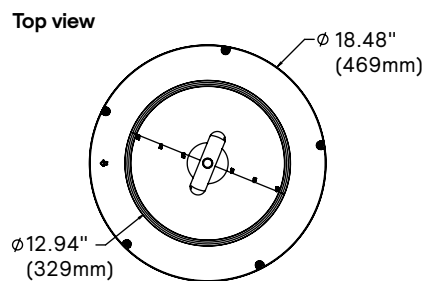
BXC Bird Excluding Coil



BXK Bird Excluding Spikes



BXS Bird Excluding Shroud



SVPG SoftView

Garage & Canopy luminaire

Specifications

Construction

Lower housing made of low copper die cast Aluminum alloy for high resistance to corrosion. Upper polycarbonate lens provides upright, tapered shape of upper housing deters dirt accumulation, eases cleaning frequency, and deters birds from sitting or nesting. UV-resistant acrylic lower lens.

IP Rating

IP66 rated luminaire with seal around entire perimeter of the lens. All electrical components within entire perimeter of lens, also within IP66 seal. Includes breather element that equalizes pressure between luminaire interior and exterior environment and maintains it over time to prevent water entry and premature gasket failure.

IK Rating

IK10 high impact resistance rating for the upper lens and IK07 impact resistance rating for the lower lens.

LED Thermal management

The luminaire design provides excellent thermal management critical to long LED, driver and system life. Natural convection air flow, product does not use any cooling device with moving parts (only passive cooling).

Light engine

Patent-pending ComfortEdge™ technology is an advanced edge-lit optical solution that delivers low-glare and exceptional uniformity through a unique central reflector design, enhancing nadir illumination while providing visual comfort. Light engine luminous opening size optimized to best achieve a balance between lumen output and optical performance with the need to provide visual comfort. Light engine frame ensures contact with housing to provide heat conduction and sealing against the elements. Composed of mid power LEDs, uniformly spaced around entire perimeter of lens (symmetric distributions). Color temperatures per ANSI/NEMA bin **730** and **830** 3000K nominal (3045 +/-175K) 70 or 80CRI, **740** and **840** 4000K nominal (3985 +/-275K) 70 or 80CRI. LEDs tested by ISO 17025 accredited lab in accordance with IESNA LM-80 guidelines, extrapolations in accordance with IESNA TM-21. Other color options (including but not limited to 727, 750, 827, 835, and 850) available – contact factory for details.

Optical system

ComfortEdge™ technology provides a unique and lower perceived glare lighting solution designed to enhance visual comfort. Light guide plate composed of high performance optical grade PMMA (polymethyl methacrylate) acrylic. Edge-lit light guide technology allows for optimal light distribution without direct view of the LEDs, providing low-glare, uniform horizontal and vertical illumination with optimum visual comfort.

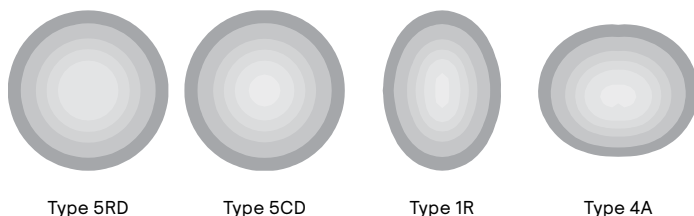
Type 1R Rectangular (**T1R**), Type 4 Asymmetric (**T4A**), Type 5 Round (**5RD**) and Type 5 Concentrated Downlight (**5CD**) distributions available, designed for compliance to IES RP-8. Consider **T1R** for one luminaire per bay applications, ramps, and drive lanes leading up to or exiting parking stall decks; **T4A** for wall mount applications and perimeter mounted luminaires to throw light into parking garage away from property line (LEED compliance, property cut-off, avoid light trespass); **5RD** for general use in parking bays; **5CD** and/or higher lumen configurations when enhanced lighting is required for entries and exits, ramps, payment areas, lobbies and waiting areas, etc. and for security lighting per IES G-1.

Uplight (up to 4%) provided as standard with **T1R**, **T4A**, and **5RD** distributions to mitigate the cave effect. Almost no uplight (<1%) provided as standard with **5CD** distribution. To remove the uplight feature for any distribution – contact factory prior to ordering. Depending on the desired configuration more uplight is possible (see **UPL** option) – contact factory prior to ordering.

Performance tested per LM-63, LM-79 and TM-15 (IESNA) certifying its photometric performance.

Optical Distributions

Based on 10' mounting height



Electrical

Constant current electronic driver. High power factor (0.9 minimum) for all configurations except the combination of **2L** with **480**. 50/60 Hz. Low THD (20% maximum). Open/short circuit protection and voltage overload protection, automatic recovery after correction. Driver comes standard with 6KV on-board surge protection. Dimming driver standard. 0-10V dimming to minimum 10% power. RoHS compliant. Driver enables setting LED drive current to meet your specific total wattage consumption, lumen output and/or efficacy needs, contact factory.

Surge protector standard and tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10KV/10KA waveforms for Line-Ground, Line-Neutral and Neutral-Ground. Optional enhanced surge protector 20KV/10KA also available. Surge protector wired in parallel so that if it fails open the luminaire will remain lit/powerd on. When Emergency option **EC** is chosen, two surge protectors provided for complete protection – one for unswitched hot line, one for switched hot line.

Due to the inrush current that occurs with electronic drivers, recommend using a time delay or slow blow fuse to avoid unnecessary and unwanted fuse blowing that can occur with fast acting fuses.

Mounting

SUR: Surface mount meets the ANSI C136.31-2018 & 2023 specifications for Level 1 (1.5G) Normal applications. Precision laser-cut aluminum bracket with a die formed 16 ga. galvanized steel EZ-hang plate supplied for mounting to a recessed or surface-mounted 4" (10.16 cm) junction box (by others) – flush ceiling mount to a recessed junction box, or direct mount to a surface-mounted junction box. Integral hanger tabs on the plate support the luminaire during wiring. Single screw secures luminaire for quick and easy installation. Includes minimum 12" (30.48cm) wires that pass through IP66 rated grommet which seals around the wires. For indirect pendant mounting with Level 1 (1.5G) Normal vibration rating, order Surface Mount (**SUR**) and mount to a wet location junction box (by others) which you then direct mount onto rigid pendant (by others).

SBO: Surface mount meets the ANSI C136.31-2018 & 2023 specifications for Level 2 (3G) Bridge and Overpass applications. Precision laser-cut aluminum bracket with a supplied die formed 16 ga. galvanized steel EZ-hang plate with integral strengthening feet. Plate supplied for mounting to junction box (by others), integral hanger tabs on plate support luminaire during wiring. Single screw secures luminaire for quick and easy installation. Includes minimum 12" (30.48 cm) wires that pass through IP66 rated grommet which seals around the wires.

PN1: Direct pendant mount meets the ANSI C136.31-2018 & 2023 specifications for Level 1 (1.5G) Normal applications. Metal bracket with 1/2" NPT tapped hole for direct mounting onto rigid 1/2" pendant (by others). Includes minimum 38" (96.52 cm) wires that pass through IP66 rated grommet which seals around the wires.

PN2: Direct pendant mount meets the ANSI C136.31-2018 & 2023 specifications for Level 1 (1.5G) Normal applications. Metal bracket with 3/4" NPT tapped hole for direct mounting onto rigid 3/4" pendant (by others). Includes minimum 38" (96.52 cm) wires that pass through IP66 rated grommet which seals around the wires.

TRN: Mounts to a concrete ceiling with an anodized aluminum trunnion bracket assembly (order separate line item accessory, painted to match luminaire finish). Includes minimum 36" (91.44 cm) SOOW cord exiting luminaire through IP66 cord seal. The assembly permits (8) one inch (2.54 cm) incremental mounting height adjustments, ranging from 13 to 19 inches (33.02 to 48.7 cm).

WAL: Anchors directly on a wall with wall bracket assembly (order separate line item accessory, painted to match luminaire finish), includes minimum 12" (30.48cm) wires that pass through IP66 rated grommet which seals around the wires.

SVPG SoftView

Garage & Canopy luminaire

Specifications

Control Options

Note: other controls can be integrated – contact factory.

DLEA: 0–10V dimming driver with dimming wires externally accessible for connecting dimming controls by others.

BLFP-L2/L3/L7: Motion response luminaires include a passive infrared (PIR) motion sensor, standby power is 0.5 watts. Factory pre-programmed standard settings include a dimming level down to 30% and time delay of 5 minutes with no stand-by period. This means when no motion is detected for 5 minutes, the sensor will dim the luminaire down to 30% of total lumen output. When motion is detected the luminaire returns to 100% full light output and will remain on at full power for 5 minutes default prior to dimming back to low when no motion is detected. Dimming levels, holding times, and stand-by periods are field-programmable with the **SVPG-HRP** remote (see Accessories). With default wiring, if a standby period is programmed in the field, the luminaire will only dim down to a minimum of 10% after the standby period has elapsed. If 0% dim is required – contact factory prior to ordering. Programming of dimming levels, holding times, and stand-by periods is also factory customizable – contact factory prior to ordering.

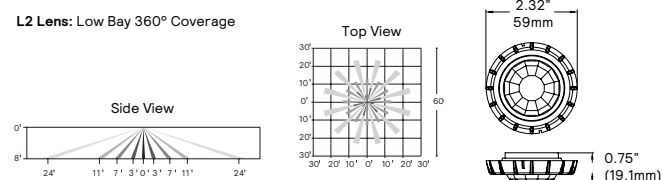
SVPG-HRP remote dimming levels and holding times:

10%, 30%, 50%

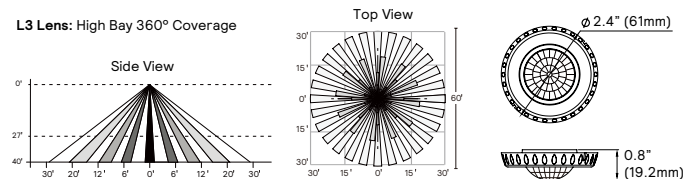
10s, 1m, 5m, 10m, 15m, 20m, 30m, 60m

Motion response includes daylight sensor which is **disabled by default**. Due to the location of the sensor on SoftView's lens, this photocell feature will not function properly. If the customer chooses to enable the photocell feature in the field, they assume full responsibility for any adverse sensor behaviors.

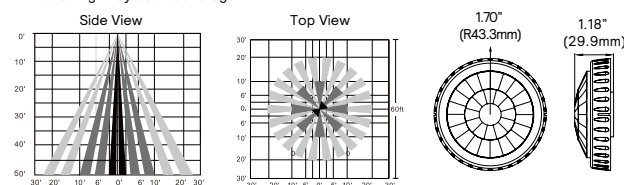
L2 Lens: Low Bay 360° Coverage



L3 Lens: High Bay 360° Coverage



L7 Lens: High Bay 360° Coverage



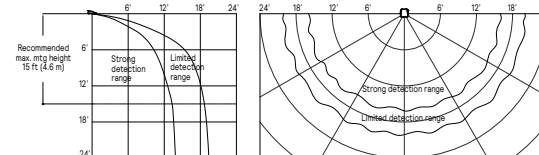
Controls Options

BLFP-MW: Motion response luminaires include a high frequency microwave sensor, 5.8GHz+/- 75MHz microwave ISM continuous wave band with 360° coverage area, <0.3 mW transmitting power and <0.5W standby power. Microwave motion sensor designed to detect motion through the lower lens so it is hidden inside the luminaire without any protruding components. Sensor allows energy savings and meeting code requirements without compromising comfort and aesthetics. Factory pre-programmed standard settings include a dimming level down to 30% and time delay of 5 minutes with no stand-by period. This means when no motion is detected for 5 minutes the sensor will dim the luminaire down to 30% of total lumen output. When motion is detected the luminaire returns to 100% full light output and will remain on full power for 5 minutes default prior to dimming back to low when no motion is detected. Microwave sensor's photocell is disabled since the sensor is embedded inside the luminaire (therefore daylight harvesting is not possible). Dimming levels, holding times, and stand-by periods are field-programmable with the **SVPG-HRP** remote (see Accessories). With default wiring, if a standby period is programmed in the field, the luminaire will only dim down to a minimum of 10% after the standby period has elapsed. If 0% dim is required – contact factory prior to ordering. Programming of dimming levels, holding times, and stand-by periods is also factory customizable – contact factory prior to ordering.

SVPG-HRP remote dimming levels and holding times:

10%, 30%, 50%

10s, 1m, 5m, 10m, 15m, 20m, 30m, 60m



ZD4i Zhaga-D4i Certified Fixture (includes Zhaga 4-pin receptacle): With the **ZD4i** option (or **WIAP**), your luminaire comes Zhaga-D4i certified. Provides easy integration with D4i smart sensors and communication nodes, enabling plug-and-play IoT upgrades. Product equipped with D4i driver(s) connected to 4-pin Zhaga Book 18 compliant receptacle. Receptacle has IP66 rated assembly in a compact design that provides a sealed electrical interface and rated UV resistance, mounted on underside of the luminaire, protective dust cap included. When a controller not D4i certified is used, we cannot guarantee full compatibility.

BR: Optional internal emergency bypass relay. When normal AC power is lost, relay bypasses **BLFP** or **WIAP** wireless dimming sensor and forces luminaire to full light output. **BLFP** controls pair with **L2, L3, L7, or MW** sensors. **WIAP** controls pair with **LW** or **HW** sensors. **BR** is not available for use with **347, 480, or HVU** voltages.

Power Sensing (Factory default) – Recommended **UL924** option requires unswitched power sense line, absence of voltage on the normal circuit triggers luminaire to 100% output.

Power Interruption Detection (Field option*) – Detects AC power interruption >30ms triggers 90 minute emergency mode with luminaire at 100% output, consult your local authority for **UL924** applicability.

WIAP with LW or HW sensor: With the **WIAP** option (or **ZD4i**), your luminaire comes Zhaga-D4i certified. Scalable connected sensor with integral occupancy and daylight sensing, supports wireless mesh connectivity. Sensor works in the Foundation mode when configured without a gateway or in an Interact Advanced mode if a compatible gateway (can be added later) is used. Interact offers an App, a portal and a broad portfolio of Interact-ready Indoor and Outdoor luminaires, lamps and retrofit kits all working on the same system. Startup is implemented via Interact Pro App (available in iOS® or Android®) and Bluetooth® connectivity. The App provides flexibility to choose between a gateway or non gateway mode for setup. Setup with the gateway requires wired Internet access to the gateway. Prepare project configuration steps remotely and use the App on-site to identify and group devices together. **WIAP** includes D4i driver and 4-pin Zhaga Book 18 receptacle. Daylight harvesting supported through dimming – activated via the Interact App. Sensors IP66 rated.

Compatible with the following (ordered separately):

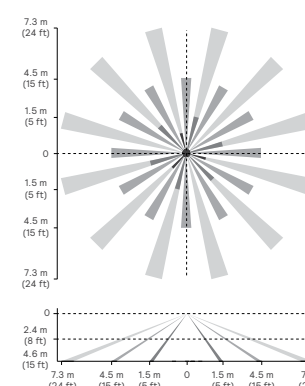
– Battery powered IP65 presence sensor OCC sensor IA CM IP65 WH

– Battery powered IP65 presence & daylight sensor OCC-DLsensor IA CM IP65 WH

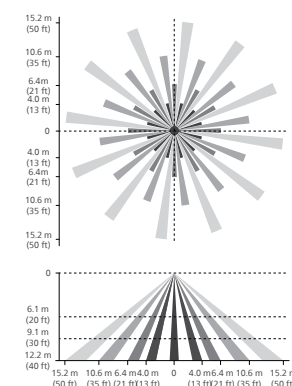
CAUTION: It is advised not to use the **WIAP** control option in combination with the mounting option **WAL** Wall mount. Placing the sensor near a reflective surface, such as a wall, may adversely impact Daylight Dependent Regulation (DDR) functionality (which supports photocontrol and daylight harvesting).

For more details visit: <https://www.interact-lighting.com>

LW low sensor



HW high sensor



Note: The beam patterns shown are intended solely as a general guide and are not to scale. Sensing capabilities and coverage area depend on many factors including the size, speed and direction of travel of persons and vehicles; sensor mounting height; environmental and site conditions; etc.

SVPG SoftView

Garage & Canopy luminaire

Specifications

Emergency battery backup

Optional internal emergency battery pack immediately detects normal AC power loss then provides emergency light output for a minimum of 90 minutes when power is lost compliant with UL 924/CSA22.2 No. 141 and NFPA 101 Life Safety Code path of egress requirements. Integral so there is a consistent look between emergency and non-emergency luminaires, separate accessory box is not required. **EC** suitable for use in ambient temperatures from -20°C (-4°F) to +40°C (+104°F). **EC** is not available for use with **347, 480** or **HVU**. **EC** always includes surge protection for both the switched and unswitched lines to ensure complete protection.

Finish

Color in accordance with the AAMA 2603 standard. Application of polyester powder coat paint (4 mils/100 microns) with ± 1 mils/24 microns of tolerance. The Thermosetting resins provides a discoloration resistant finish in accordance with the ASTM D2244 standard, as well as luster retention in keeping with the ASTM D523 standard and humidity proof in accordance with the ASTM D2247 standard.

Standard textured finishes include: **BK** – Black Textured, **BZ** – Bronze Textured, **WH** – White Textured, **MG** – Medium Gray Textured. Consult factory for specs on optional (**OC**) or custom (**SC**) colors. The finish achieves a minimum scribe rating of 7 per ASTM D1654 after a minimum of 1500 hours salt spray in accordance with testing performed per ASTM B117 standard.

Hardware and Seals

All exposed screws shall be stainless steel and/or corrosion resistant and captive. All seals and sealing devices are made and/or lined with silicone and/or rubber.

LED Products Manufacturing Standard

The electronic components sensitive to electrostatic discharge (ESD) such as LEDs are assembled in compliance with EC61340-5-1 and ANSI/ESD S20.20 standards so as to eliminate ESD events that could decrease the useful life of the product.

LED Luminaire Useful Life

Refer to IES files for energy consumption and delivered lumens for each option. Based on ISTMT in situ thermal testing in accordance with UL1598 and UL8750, exclusive Signify System Reliability Tool, Advance driver data and LED manufacturer LM-80/TM-21 data, expected to reach 100,000 + hours with L70 lumen maintenance @ 25°C. Luminaire Useful Life accounts for LED lumen maintenance AND all of these additional factors including: LED color shift, LED life, driver life, PCB substrate, solder joints, on/off cycles, burning hours and corrosion.

Predicted Lumen Depreciation Data

Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L70 hours limited to 6 times actual LED test hours.

Ambient Temperature °C	Drive Current	L70 per TM-21	Lumen Maintenance % at 60,000 hrs
25°C	up to 2350mA (17L)	>102,000 hours	89.39%

Vibration resistance

Luminaire meets the ANSI C136.31-2018 & 2023 specifications for Level 1 (1.5G) Normal or Level 2 (3G) Bridge and Overpass applications, as noted in Ordering guide on page 1 and in the Specifications text for each Mounting, tested by independent lab over 100,000 cycles in all three axes.

Service Tag

Each individual luminaire is uniquely identifiable, thanks to the Service Tag application. With a simple scan of a QR code placed on the inside of the mast door, you gain instant access to the luminaire configuration, making installation and maintenance operations faster and easier, no matter the stage of the luminaire's lifetime. Just download the app and register your product right away. For more details visit: signify.com/servicetag

Certifications and Compliance

cULus Listed for Canada and U.S. to the UL 1598 and UL8750 standards, suitable for Wet Locations. Suitable for use in ambients from -40°C (-40°F) to +40°C (+104°F) standard, or up to +50°C (+122°F) when option 50C is selected. Restrictions apply – 50C only available with standard configurations from 2L to 17L. For 50C with any options (dimming controls, sensing, electrical, emergency, other options) – contact factory. The quality systems of the facility where manufactured have been registered by UL to the ISO 9001 series standards. Emergency options (**BR** and **EC**) are tested and listed emergency lighting devices per UL 924 and CSA 22.2 No. 141. Contact factory for DLC certification for configurations that are not currently listed on the Qualified Products list. We can provide DLC certification for select configurations on demand. Controls options enable compliance with Outdoor lighting energy codes including ASHRAE 90.1, California Title 24, and IECC.

• Declare label certified, ID SGY-0014 ([View full Declare label](#))

Limited Warranty

5-year limited warranty. See signify.com/warranties for complete details and exclusions. Contact factory for extended warranty on SoftView – exclusions may apply.

Buy American Act of 1933 (BAA)

Failure to properly select the "BAC" suffix could result in you receiving product that is not BAA compliant product with no recourse for an RMA or refund. This BAC designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies.