

CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- Designed to illuminate sidewalks, entryways, perimeters or facades
- Intended for use in both uplight and downlight applications
- Optional tamper-resistant screws for vandal-prone areas
- Blends seamlessly with a variety of architectural styles
- Purposefully modeled to allow runoff of dirt and water for an always-clean appearance
- Precision optics provide multiple distribution options
- Wireless in-fixture control solutions available
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING** – Die-cast aluminum enclosure.
- THERMAL MANAGEMENT** – Integral die-cast aluminum heatsink and LED assembly provide passive thermal management. Rated -30°C to 40°C ambient operating temperature (-20°C to 40°C with EM/10WC; 0°C to 35°C VWPV, 0°C to 37°C VWPV with EM/10CEC; 0°C to 39°C with EM/4W).
- OPTICAL SYSTEM** – Precision, injection-molded, refractive acrylic lensing produces standard IES distributions.
- LED ASSEMBLY** – ANSI 3000K, 4000K, or 5000K CCT, minimum 70 CRI.
- LED DRIVER** – 0-10V dimming.
- ELECTRICAL** – 120-277, 347, and 480 VAC input range; 50-60Hz; power factor >.90; THD <20% at full load. 10kA/10kV surge protection standard. Quick-disconnect wiring provided. L70 >60,000 hours per IES TM-21.
- FINISH** – Super durable polyester powder coat bonded to phosphate-free, multi-stage pretreated metal, meets and exceeds AAMA 2604 specifications for outdoor durability.
- MOUNTING** – Surface mounts directly over a 4" maximum outlet box. Must be anchored to adequate structure that can safely support fixture weight (VWPV = 15 lbs, VWPV = 23 lbs).
- LISTINGS** –
 - cCSAus certified as luminaire suitable for wet locations.
 - FCC Class A compliant.
 - IDA Dark-Sky approved (downlight applications only).
 - RoHS compliant.
 - IP65 rated.
 - Title 24 compliant with OCCWS FSP-311-L option.
 - Complies with the Buy American Act and other federal regulations. Request certification at new.com/baa.
- WARRANTY** – 5-year limited warranty, see new.com/warranty.

ORDERING EXAMPLE: VWPV - L30/740 - T3 - DBZ - SDGL - OPTIONS - CONTROL/DIM - UNV

ORDERING INFO

SERIES	LUMENS ^[1]	CRI	CCT	DISTRIBUTION ^[2]
VWPV Horizontal	L30 3,000lm	7 70	30 3000K	T2 Type II
VWPV Vertical	L60 6,000lm	8 80	40 4000K	T3 Type III
	L85 8,500lm ^[3]		50 5000K	TFT Type forward throw

FINISH OPTIONS ^[4]

- BLK** Black (RAL #9004)
- DBZ** Dark bronze
- DBR** Medium bronze
- GRAY** Standard gray
- GRN** Green (RAL #6005)
- SLV** Satin aluminum (RAL #9006)
- WHT** White (RAL #9003)

SHIELDING

- CGL** Clear tempered glass lens
- SDGL** Micro-prismatic tempered glass lens

OPTIONS ^[5]

- EM/4W** 4-watt integral emergency battery ^[6]
- EM/10WC** 10-watt emergency, low temperature battery ^[7]
- EM/10CEC** 10-watt emergency CEC qualified battery ^[8]
- SF** Single fuse ^[9]
- DF** Double fuse ^[10]
- PC** Factory-installed button-style photocell ^[11]
- HSGX** Empty housing extension used to match units with EM batteries, control sensors, or conduit entry options
- TP** Tamper-resistant Torx head screws ^[12]

CONDUIT ENTRY ^[13]

- CR** Right side conduit entry
- CL** Left side conduit entry
- CD** Dual conduit entry
- CTOP** Top conduit entry ^[14]

CONTROL

See page 4 for **ADDITIONAL CONTROL OPTIONS**.

- None
- AVI-IFAC-OA** Avi-on wireless fixture control with outdoor antenna ^[15]

DRIVER

- DIM** Driver with external dimming wires prewired for 0-10V low voltage applications

VOLTAGE

- 120** 120V
- 208** 208V
- 240** 240V
- 277** 277V
- UNV** 120-277V
- 347** 347V ^[16]
- 480** 480V ^[17]

ACCESSORIES

TPTX-25 TOOL Tamper-resistant tool for Torx head screws. ^[18]

NOTES

- Lumen output based on 70 CRI/4000K CCT. Actual performance may vary +/-5%, see page 2 for **FIXTURE PERFORMANCE DATA**.
- See page 2 for **DISTRIBUTION DETAILS**.
- Not available with EM batteries when specified with VWPV.
- See page 2 for **FINISH OPTIONS**.
- See page 2 for **FIXTURE DETAILS**.
- 120-277V only. VWPV includes housing extension, increases fixture depth.
- VWPV and 120-277V only. Includes housing extension, increases fixture depth.
- 120-277V only.
- 120V, 277V, or 347V only; must specify voltage
- 208V, 240V, or 480V only; must specify voltage.
- 120V, 208V, or 277V only; must specify voltage. Not available with OCCWS control options. Right side when viewed from behind fixture.
- Silver finish only. Safety screws providing added support to the lens are not tamper-resistant (lens is sealed to the fixture via adhesion). Requires a tamper-resistant tool, see Accessories.
- Housing extension included, increases fixture depth. Left and right sides when viewed from behind fixture. Provided with 1/2" NPT tapered pipe thread and plug, increases fixture height. Conduit fitting supplied by others. See page 2 for **FIXTURE DETAILS**.
- VWPV only.
- See page 3 for **AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS**.
- Includes stepdown transformer. Not available with Avi-on Controls.
- Includes stepdown transformer. Not available with Avi-on Controls.
- Ordered separately. Please specify quantity required per project.



FIXTURE PERFORMANCE DATA

	DISTRIBUTION	FLUX (lm)	WATTAGE	EFFICACY (lm/W)	BUG RATING
L30	T2	3489	27	129.2	B2-UO-G1
	T3	3468		128.4	B1-UO-G1
	TFT	3325		123.1	B1-UO-G1
L60	T2	6414	49	130.9	B2-UO-G1
	T3	6470		132.0	B1-UO-G1
	TFT	6391		130.4	B2-UO-G1
L85	T2	8931	72	124.0	B2-UO-G1
	T3	8953		124.3	B2-UO-G2
	TFT	8665		120.3	B3-UO-G1

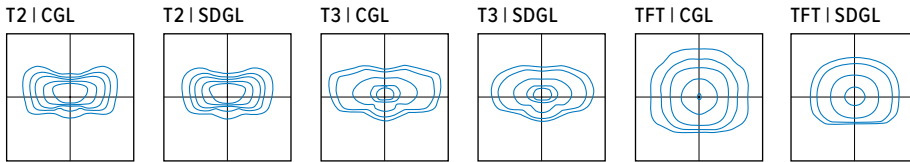
MULTIPLIER TABLES

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
70 CRI	3000K	0.95
	4000K	1.00
	5000K	1.03
80 CRI	3000K	0.86
	4000K	0.91
	5000K	0.94

SHIELDING	CONVERSION FACTOR
CGL	1.00
SDGL	0.98

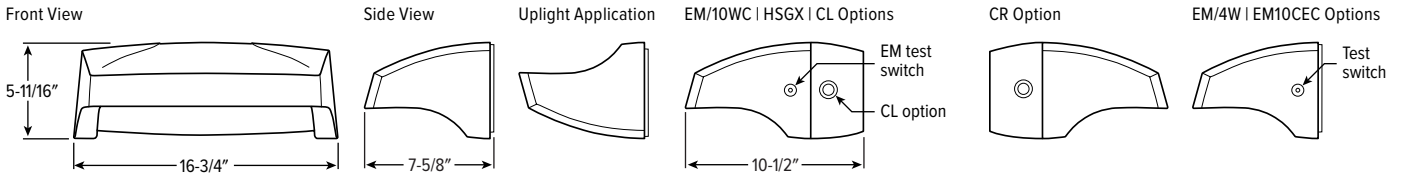
- Photometrics tested in accordance with IESNA LM-79. Results based on 70 CRI/4000K CCT, wattage average for 120V through 277 input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier tables to calculate additional options.

DISTRIBUTION DETAILS

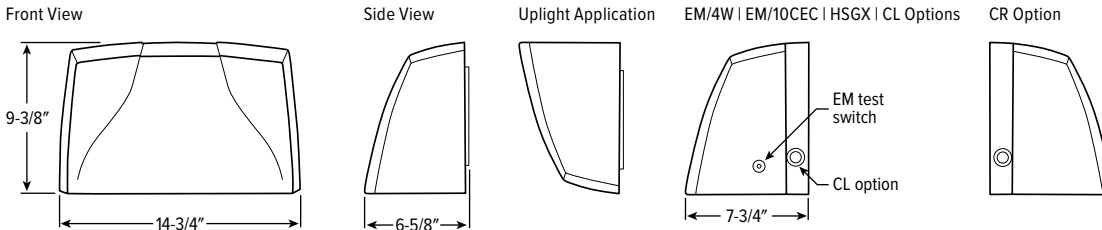


FIXTURE DETAILS

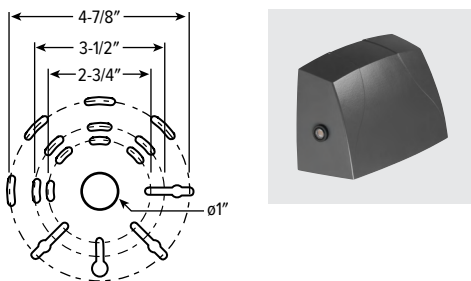
VWPH Weight: 15 lbs. Max weight with EM/10WC or HSGX: 27 lbs.



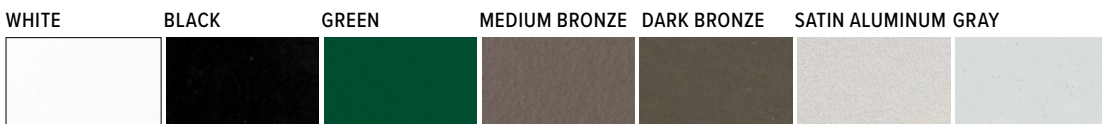
VWPV Weight: 23 lbs



MOUNTING BOLT PATTERN PC OPTION



FINISH OPTIONS



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

FEATURES

Simple

- Gateway-free distributed control
- Factory pre-commissioning
- Contractor friendly installation
- Occupancy/vacancy/daylight sensing

Scalable

- Virtually unlimited network size
- Spans small areas to large garages
- Flexible control strategies

Secure

- Optional cloud connectivity
- UL IoT platinum security rating
- DLC 5.0 compliant

COMMISSIONING & INSTALLATION TOOLS

Avi-on mobile apps provide intuitive, quick installation and commissioning. Pro tools are available to qualified installers. Live commissioning training and on-site or remote support by Avi-on must be ordered separately through Avi-on.



Commissioning Mobile App



Zone Scanner Web App



Commissioning Pro App

SYSTEM COMPONENTS



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ACCESSORIES

NETWORK

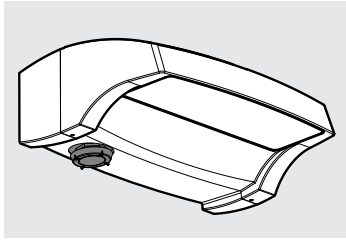
- AVI-RAB-LTE** Remote access bridge
- AVI-KIT-NTM** Network time manager with battery backup

For load controllers and additional accessory info, see hew.com/avi-on

SEE NEXT PAGE FOR ADDITIONAL CONTROL OPTIONS



SENSOR PLACEMENT DETAILS



ADDITIONAL CONTROL OPTIONS

VWPH only, includes housing extension (increases fixture depth).

OCCWS-FSP-311-L_-120/277 Wattstopper PIR motion and daylight sensor, 120/277. Must specify lens: L2, L3, or L7. Factory installed.

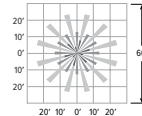
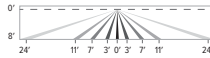
OCCWS-FSP-211-L_-120/277 Wattstopper PIR motion and daylight sensor, 120/277. Must specify lens: L2, L3, or L7. Factory installed.

FSIR-100 Remote controller for 211 sensor. Please specify quantity required per project. Ordered and shipped separately.

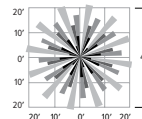
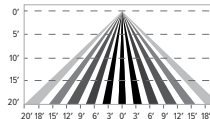
SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 40'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 75°C
COMMISSIONING	311 Sensor: App (iOS or Android) 211 Sensor: FSIR-100 Remote

SENSOR COVERAGE PATTERNS

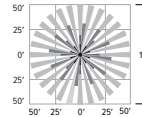
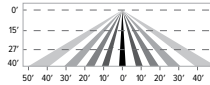
L2 8' height: ø48' coverage



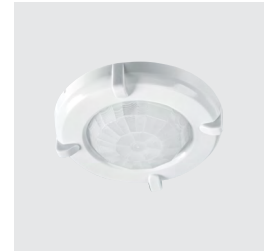
L3 20' height: ø40' coverage



L7 40' height: ø100' coverage



SENSOR DETAIL



Dimensions
L2/L3: ø2-3/8" | L7: ø3-1/4"

