

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 VWPH 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 (VWPH = 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: VWPH - L30/740 - T3 - DBZ - SDGL - OPTIONS - CONTROL/DIM - UNV

ORDERING INFO

| SERIES | LUMENS ^[1] | CRI | CCT | DISTRIBUTION ^[2] |
|-----------------|----------------------------|------|----------|-----------------------------|
| VWPH 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.
- VWPH 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. 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.
- VWPH 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-U0-G1 |
| | T3 | 3468 | | 128.4 | B1-U0-G1 |
| | TFT | 3325 | | 123.1 | B1-U0-G1 |
| L60 | T2 | 6414 | 49 | 130.9 | B2-U0-G1 |
| | T3 | 6470 | | 132.0 | B1-U0-G1 |
| | TFT | 6391 | | 130.4 | B2-U0-G1 |
| L85 | T2 | 8931 | 72 | 124.0 | B2-U0-G1 |
| | T3 | 8953 | | 124.3 | B2-U0-G2 |
| | TFT | 8665 | | 120.3 | B3-U0-G1 |

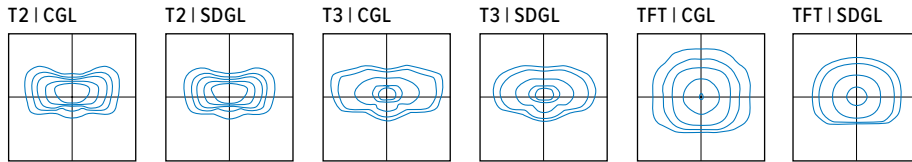
MULTIPLIER TABLES

| | 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 |

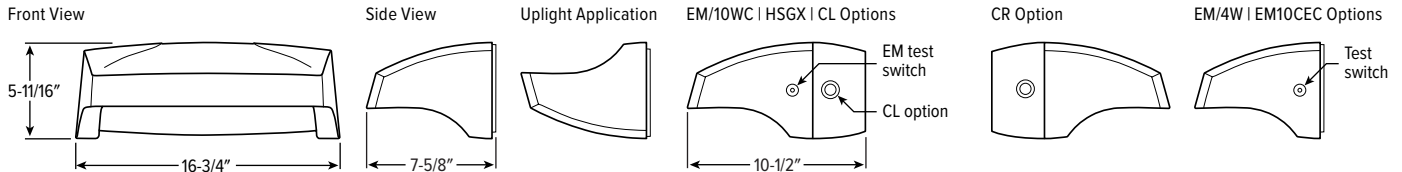
- Photometrics tested in accordance with IESNA LM-79. Results based on 70 CRI/4000K CCT, wattage average for 120V through 277 input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier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

DISTRIBUTION DETAILS

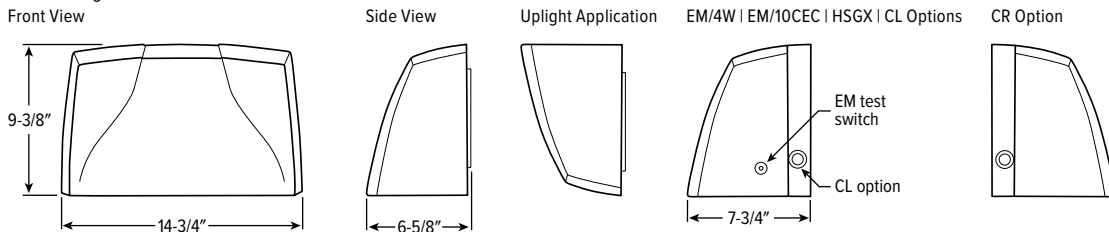


FIXTURE DETAILS

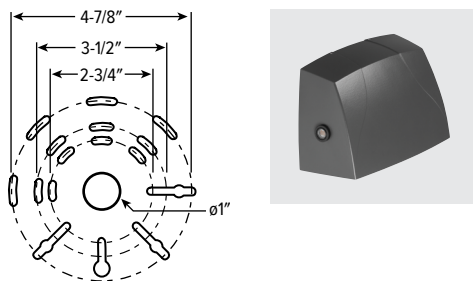
VWPH Weight: 15 lbs. Max weight with EM/10WC or HSGX: 27 lbs.



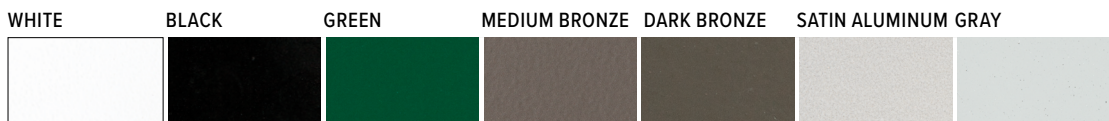
VWPV Weight: 23 lbs



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

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

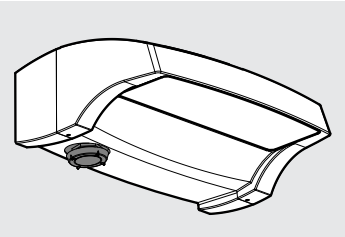
SYSTEM COMPONENTS



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SEE NEXT PAGE FOR ADDITIONAL CONTROL OPTIONS

SENSOR PLACEMENT DETAILS



ADDITIONAL CONTROL OPTIONS

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

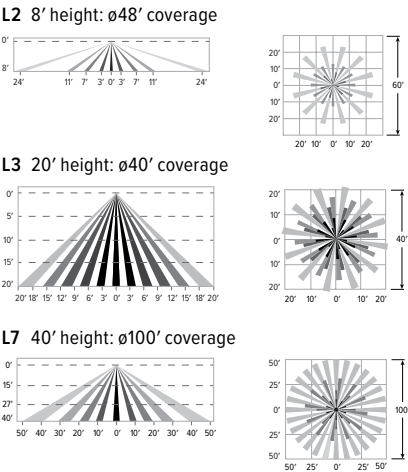
OCCWS-FSP-311-L_-120/277 Wattstopper PIR motion and daylight sensor, 120/277. Must specify lens: L2, L3, or L7. Factory installed.

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

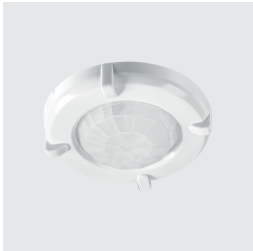
FSIR-100 Remote controller for 211 sensor. Please specify quantity required per project. Ordered and shipped separately.

| 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



SENSOR DETAIL



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