VWP LED
Voltaire Architectural Wall Pack

Williams

5-11/16"

16-3/4"

VWPH Front View

CATALOG #: _____

TYPE: _____

PROJECT: _____

BAA & BABA COMPLIANT · DARKSKY APPROVED · IP65 Rated · TITLE 24

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.
  - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- WARRANTY – 5-year limited warranty, see hew.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

1 Lumen output based on 70 CRI/4000K CCT. Actual performance may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
2 See page 2 for DISTRIBUTION DETAILS.
3 Not available with EM batteries when specified with VWPV.
4 See page 2 for FINISH OPTIONS.
5 See page 2 for FIXTURE DETAILS.
6 120-277V only. VWPV includes housing extension, increases fixture depth.
7 VWPH and 120-277V only. Includes housing extension, increases fixture depth.
8 120-277V only.
9 120V, 277V, or 347V only.
10 208V, 240V, or 480V only.
11 120V, 208V, or 277V only. Right side when viewed from behind fixture. Not available with controls that have daylight sensing capabilities such as OCCWS-FSP-311 and OCCWS-FSP-211 sensors.
12 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.
13 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.
14 VWPH only.
15 See page 3 for AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS.
16 Includes stepdown transformer. Not available with Avi-on Controls.
17 Includes stepdown transformer. Not available with Avi-on Controls.
18 Ordered separately. Please specify quantity required per project.

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FIXTURE PERFORMANCE DATA

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

MULTIPLIER TABLES

COLOR TEMPERATURE

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

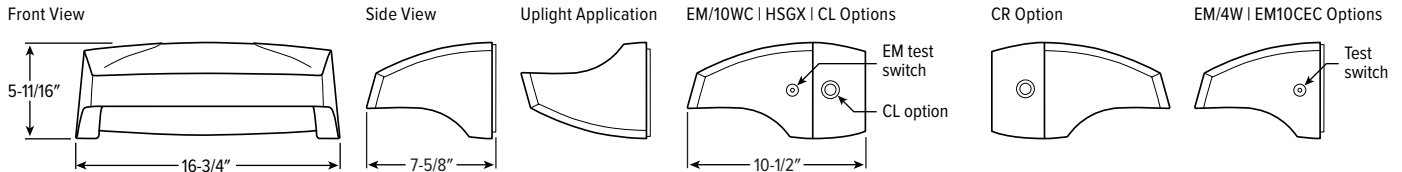| SHIELDING	CONVERSION FACTOR
CGL	1.00
SDGL	0.98

- 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.
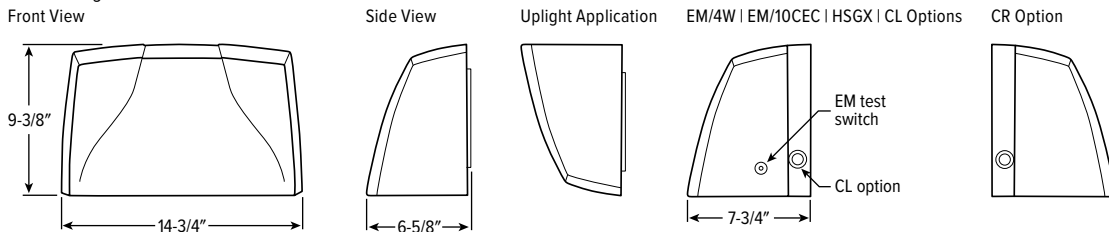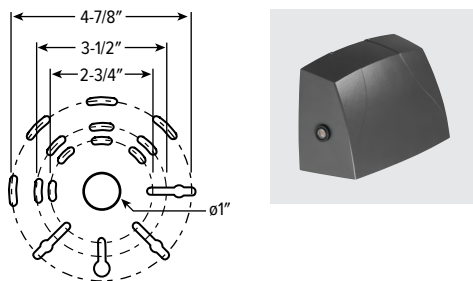
DISTRIBUTION DETAILS

T2 | CGL   T2 | SDGL   T3 | CGL   T3 | SDGL   TFT | CGL   TFT | SDGL
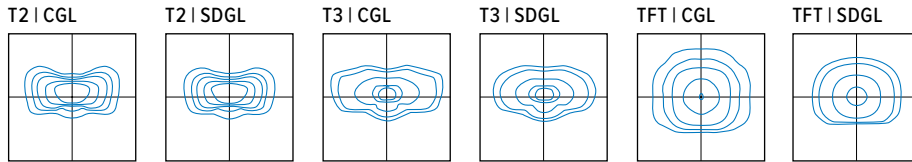
FIXTURE DETAILS

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

Front View — 5-11/16″ — 16-3/4″

Side View — 7-5/8″

Uplight Application

EM/10WC | HSGX | CL Options — EM test switch — CL option — 10-1/2″

CR Option

EM/4W | EM10CEC Options — Test switch

VWPV Weight: 23 lbs

Front View — 9-3/8″ — 14-3/4″

Side View — 6-5/8″

Uplight Application

EM/4W | EM10CEC | HSGX | CL Options — EM test switch — CL option — 7-3/4″

CR Option

MOUNTING BOLT PATTERN

4-7/8″
3-1/2″
2-3/4″
ø1″

PC OPTION

FINISH OPTIONS

WHITE   BLACK   GREEN   MEDIUM BRONZE   DARK BRONZE   SATIN ALUMINUM   GRAY
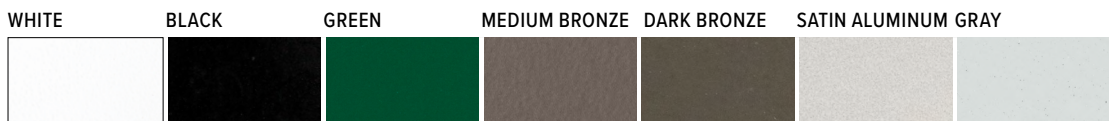
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1″ square.

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AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

FEATURES

Simple
- Gateway-free distributed control
- 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-NTM	Network time manager with battery backup

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

SYSTEM COMPONENTS
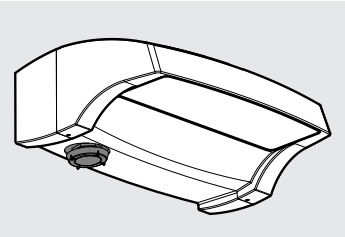
Mobile Apps

Remote Management
& Monitoring

Remote Access Bridge

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SENSOR PLACEMENT DETAILS

ADDITIONAL CONTROL OPTIONS

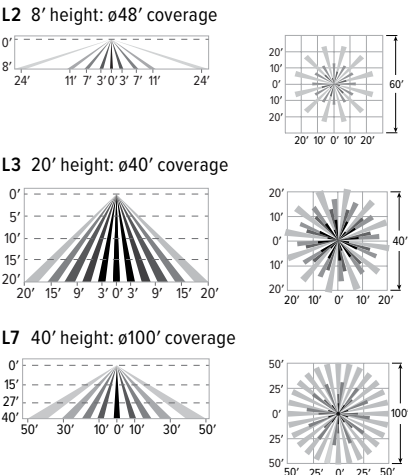VWPH only, includes housing extension (increases fixture depth).

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″

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