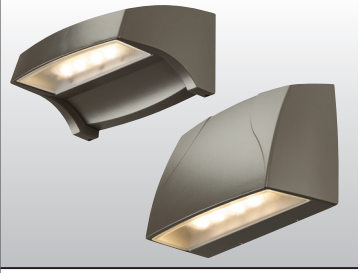
VOLTAIRE MINI ARCHITECTURAL WALL PACK

VWM

LED

CATALOG #: | TYPE:

PROJECT: | NOTES:

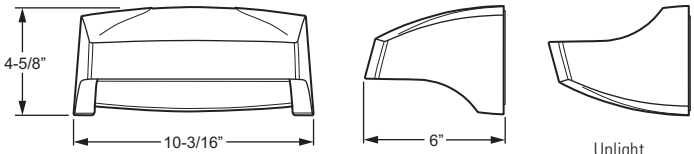


EXAMPLE: **VWM H - L20/740 - T3 - DBZ - SDGL - OPTIONS - DIM - UNV**

SERIES	TYPE	LUMEN PACKAGE	CRI & CCT	DISTRIBUTION	FINISH	SHIELDING	OPTIONS	DRIVER	VOLTAGE
VWM	H	L20	740	T3	DBZ	SDGL	OPTIONS	DIM	UNV

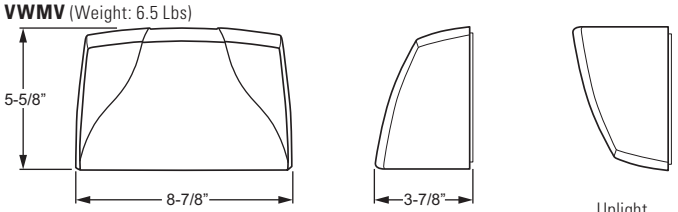
CROSS SECTIONS

VWMH (Weight: 6.5 Lbs)



Front view | Side View | Uplight Application

VWMV (Weight: 6.5 Lbs)



Front View | Side View | Uplight Application

ORDERING INFORMATION

SERIES

VWM	Voltaire Mini Architectural Wall Pack

TYPE

H	Horizontal
V	Vertical

LED PACKAGE

See back for fixture performance data.

Example: L17/740			
LUMEN PACKAGE	**NOMINAL LUMENS**	**MINIMUM CRI & CCT**	**AVERAGE SYSTEM WATTAGE**
L10	1,000	**830** =80 CRI, 3000K **840** = 80 CRI, 4000K **750** = 70 CRI, 5000K	13
L17	1,700		16
L20	2000	**730** =70 CRI, 3000K **740** = 70 CRI, 4000K **750** = 70 CRI, 5000K	25

DISTRIBUTION

TL	Lambertian distribution (L10 & L17 only)
T3	Type III (L20 only)

FINISH OPTIONS

For **custom color**, visit the VWM at hew.com.[1]

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

SHIELDING

SDGL	Solite® diffused textured tempered glass lens
CGL	Clear tempered glass lens

OPTIONS

See back for option details.

PC	Factory-installed button-style photocell (120V, 208V, or 277V only; must specify voltage)
SP10	10kA/10kV surge protection

DRIVER

DIM	Dimming driver prewired for 0-10V controls

VOLTAGE

120	120V
208	208V
277	277V
UNV	120-277V

FEATURES

GENERAL

- Engineered with the highest quality materials to ensure reliability, performance, and quality.
- Provides security and accent lighting for walkways, entries, perimeters, and facades.
- Intended for use in both uplight and downlight applications.
- Aesthetically designed horizontal and vertical housings blend seamlessly with a variety of architectural styles.
- Purposefully modeled to allow runoff of dirt and water for an always-clean appearance.
- Optional energy-saving photocell available.
- Rated >50,000 hours at 70% lumen maintenance (L70).
- ANSI 3000K, 4000K, or 5000K CCT.
- Minimum 70 CRI.
- Available in six standard finish options.
- This fixture is proudly made in the USA.

THERMAL

- Integral die-cast aluminum heatsink provides optimal passive thermal management.
- Concealed heatsink design preserves architectural appearance.
- Rated ambient operating temperature -30°C to 50°C (L10, L17), -30°C to 45°C (L20).

OPTICAL

- Full cutoff, dark-sky compliant optics (downlight applications only) place light where it's needed with minimal glare.

ELECTRICAL

- 0-10V dimming standard.
- 10kA/10kV surge protection optional.

[1] For custom colors other than RAL, manufacturers' code plus two swatches (minimum 1" square) required.

SPECIFICATIONS

Housing – Die-cast aluminum enclosure.
Thermal Management – Integral die-cast aluminum heatsink and LED source provide passive thermal management. Rated ambient operating temperature -30°C to 50°C (L10, L17), -30°C to 45°C (L20).
Optical System – General output provides full cutoff.
LED Source – ANSI 3000K, 4000K, or 5000K CCT; 70 or 80 CRI LEDs. L20: circuit board design. L10 & L17: Chip on board.
LED Driver – 0-10V dimming.
Electrical – 120-277 VAC input range; 50-60Hz; power factor >.90; THD <20% at full load. FCC Class A compliant. Quick-disconnect wiring provided.
Finish – Super durable polyester powder coat bonded to phosphate-free, multi-stage pretreated metal, meets and exceeds AAMA 2604 specifications for outdoor durability. Available in six standard colors. Custom colors available.
Mounting – Surface mounts directly over a 4" maximum outlet box. Must be anchored to adequate structure that can safely support fixture weight (6.5 Lbs).
Labels – cCSAus certified as luminaire suitable for wet locations.
Certifications & Qualifications –

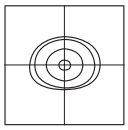
- Calculated L70 > 50,000 hours per IES TM-21.
- Tested to IES LM-79-08 standards.
- Lighting Facts listed.
- DLC qualified products listed at www.designlights.org.
- IDA Dark-Sky approved (downlight applications only).
- RoHS compliant.
- IP65 rated.
- Title 24 compliant with PC option.
- ADA compliant (VWMV only).
- BUG classified per IES TM-15-11.

Warranty – 5-year limited warranty, see hew.com/warranty.

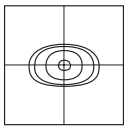
DLC qualified products listed at www.designlights.org.

The U.S. Department of Energy's Lighting Facts® Program has verified product performance based on industry-standardized testing. For details, see H.E. Williams VWM series at www.lightingfacts.com.

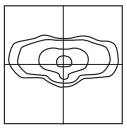
DISTRIBUTION DETAILS



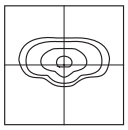
VWMH TL



VWMV TL



VWMH/V T3
Clear Glass (CGL)



VWMH/V T3
Solite Glass (SDGL)

FIXTURE PERFORMANCE DATA

Series	Distribution	Lumen Package	Average System Wattage[1]	CCT	Clear Glass (CGL)		Solite Glass (SDGL)		BUG Ratings
					Delivered Lumens[2,3]	Efficacy (lm/W)[2,3]	Delivered Lumens[2,3]	Efficacy (lm/W)[2,3]	
VWMH	TL	L10	13	3000	1188	91.3	1104	85.0	B1-U0-G0
				4000	1250	96.2	1163	89.4	
				5000	1349	103.8	1255	96.5	
		L17	16	3000	1644	102.8	1529	95.6	
				4000	1731	108.2	1610	100.6	
				5000	1840	115.0	1711	107.0	
	T3	L20	25	3000	2387	95.5	2197	87.9	B1-U0-G1
				4000	2390	95.6	2229	89.2	
				5000	2510	100.4	2341	93.6	
VWMV	TL	L10	13	3000	1006	77.4	936	72.0	B1-U0-G0
				4000	1059	81.5	985	75.8	
				5000	1201	92.4	1117	85.9	
		L17	16	3000	1520	95.0	1414	88.4	
				4000	1600	100.0	1488	93.0	
				5000	1704	106.5	1585	99.0	
	T3	L20	25	3000	2139	85.6	2022	80.9	B1-U0-G1
				4000	2290	91.6	2136	85.4	
				5000	2301	92.0	2146	85.8	

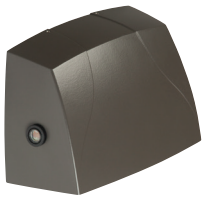
1 Wattage shown is average for 120V through 277V input.
2 Efficacy/lumen output shown is average based on voltage input of 120V through 277V.
3 Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.

LUMEN MAINTENANCE

Lumen Package	Ambient Temp.	Reported L70 Hours (TM-21)
L20	25°C	>60,000
	35°C	>60,000
	45°C	>60,000
L10/L17	25°C	>55,000
	35°C	>55,000
	45°C	>55,000

- Predicted lumen maintenance calculated from LED manufacturer IES LM-80 data and in-situ temperature measurement.
- Reported L70 hours in accordance with IES TM-21

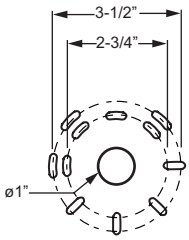
OPTIONS



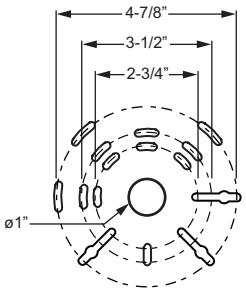
PC
Factory-installed button-style photocell
(120V, 208V, or 277V only; must specify voltage)

MOUNTING DETAILS

BOLT PATTERN DETAIL



VWPH



VWPV