

VOLTAIRE ARCHITECTURAL SURFACE/GARAGE LIGHT

VG1

LED

CATALOG #: _____ TYPE: _____

PROJECT: _____

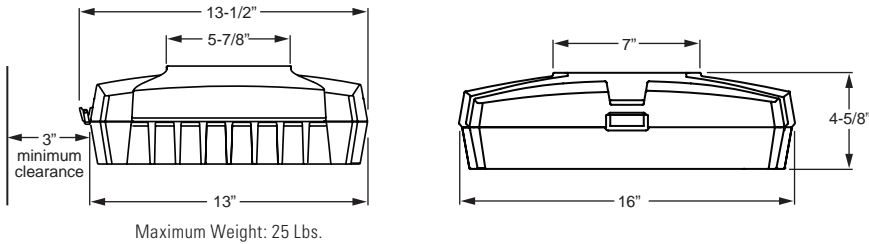
NOTES: _____

EXAMPLE **VG1** - **L100/740** - **T5** - **SM** - **DBZ** - **OPTIONS** - **DIM** - **UNV**

SERIES LUMEN PACKAGE CRI & CCT DISTRIBUTION MOUNTING FINISH OPTIONS/ACCESSORIES DRIVER VOLTAGE



CROSS SECTIONS



ORDERING INFORMATION

SERIES
VG1 Voltaire Architectural Surface/Garage Light

LED PACKAGE
 See page 3 for fixture performance data.

EXAMPLE: L100/740			AVERAGE SYSTEM WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT	
L30	3,000	730 = 70 CRI, 3000K	36
L65	6,500	740 = 70 CRI, 4000K	69
L100	10,000	750 = 70 CRI, 5000K	102

DISTRIBUTION
 See page 2 for distribution details.

T3 Type III
T5 Type V
TFL Type Flood

MOUNTING CONFIGURATION
 See page 2 for mounting configuration details.

SM Surface mount to 4" maximum J-box (by others). Two 1/2" NPS threaded and plugged conduit side entry points provided.

PM Rigid pendant mount (pendant by others) with counter weights included.

CT Closed top for direct surface mounting. Two 1/2" NPS threaded and plugged conduit side entry points provided.

FINISH OPTIONS
 For custom color, visit the VG1 at hew.com.¹

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

OPTIONS

SF Single fuse (120V, 277V, or 347V only; must specify voltage)

DF Double fuse (208V, 240V, or 480V only; must specify voltage)

WG EM/6WC Wireguard, chrome, factory-installed 6-watt emergency, low temperature battery (not available with L100 lumen package; 38°C maximum ambient temperature; 120-277V only)

EM/10CEC 10-watt emergency CEC qualified battery (not available with L100 lumen package; 40°C maximum ambient temperature; 120-277V only)

OCCWS FSP-211-L_ Factory-installed occupancy and daylight sensor, must specify lens, see page 2 for details. Optional FSIR-100 remote controller available, ordered separately, see accessories.

ACCESSORIES (Ordered separately)
 Accessories ordered separately, see page 4 for details.

WG-VG Wireguard kit, chrome, field-installed, (4) 10-24 screws included

FSIR-100 Remote controller for occupancy sensor²

PMVG_ _ _ _ Optional rigid pendant stem and canopy kit

DRIVER
DIM LED driver prewired for 0-10V dimming applications

VOLTAGE

120	120V
208	208V
240	240V
277	277V
UNV	120-277V
347	347V (includes stepdown transformer)
480	480V (includes stepdown transformer)

FEATURES

- GENERAL**
- High performance, energy saving luminaire for use in parking garages, walkways, and canopy applications.
 - Attractive, low-profile architectural design.
 - Hinged two-piece enclosure designed for quick installation.
 - Rugged die-cast construction and quality components ensure lasting performance and reliability.
 - Rated >50,000 hours at 70% lumen maintenance (L70).
 - Luminous efficacies up to 102 lm/W.
 - ANSI 3000K, 4000K, or 5000K CCT, minimum 70 CRI.
 - Optional occupancy and daylight sensor (with or without remote) and wireguard accessory available.
 - Available in six standard finish options.
 - IP66 and ANSI 3G rated
 - This fixture is proudly made in the USA.

- THERMAL**
- Integral die-cast aluminum heat sink provides optimal passive thermal management.
 - Rated ambient operating temperature -30°C to 50°C (L30), -30°C to 40°C (L65, L100).

- OPTICAL**
- Optics designed to provide desired security light levels, reduced glare, and uniform vertical distribution.
 - Type Flood optics targeted for garage entrance and exit requirements.

- ELECTRICAL**
- 0-10V dimming standard.
 - 10kA/10kV surge protection standard.
 - LED system design minimizes electrical connection points for increased reliability.



¹ For custom colors other than RAL, manufacturers' code plus two swatches (minimum 1" square) required.
² Please specify quantity required per project.



LED

SPECIFICATIONS

Housing – Two-piece hinged die-cast aluminum enclosure.

Thermal Management – Integral die-cast aluminum heat sink and LED module provide passive thermal management. Rated ambient operating temperature -30°C to 50°C (L30), -30°C to 40°C (L65, L100).

Optical System – Precision, injection-molded, refractive optics available in standard IES distributions. Clear tempered glass lens.

LED Module – ANSI 3000K, 4000K, or 5000K CCT, minimum 70 CRI LEDs.

LED Driver – Class 1 constant-current driver, 0-10V dimming.

Electrical – 120-277, 347, and 480 VAC input range; 50-60Hz; power factor >.90; THD <20% at full load. FCC Class A compliant. 10kA/10kV surge protection standard. 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 seven standard colors. Custom colors available.

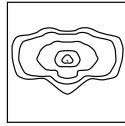
Mounting – Surface or pendant mount. Maximum weight: 25 lbs.

Listings –

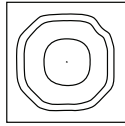
- cCSAus certified as luminaire suitable for wet locations. Suitable for dry or damp locations when specified with PM mounting configuration.
- DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at www.designlights.org/QPL.
- Calculated L70 lumen maintenance >60,000 hours per IES TM-21.
- Tested to IES LM-79-08 standards.
- Lighting Facts listed.
- IP66 rated.
- Meets the American National Standard for Roadway Lighting Equipment – Luminaire Vibration (ANSI C136.31-2001), CT direct surface mounting configuration only.
- IDA Dark-Sky approved.
- RoHS compliant.
- BUG classified per IES TM-15-11.

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

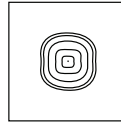
DISTRIBUTION



T3
Type III



T5
Type V



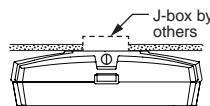
TFL
Type Flood

MOUNTING CONFIGURATION

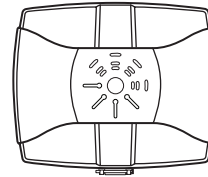
SURFACE MOUNT (SM)

Surface mount to 4" maximum J-box (by others). Two 1/2" NPS threaded and plugged conduit side entry points provided.

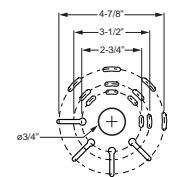
Weight: 22 Lbs.



Side View



Top View

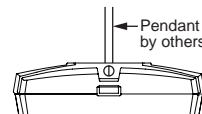


Bolt Pattern Detail

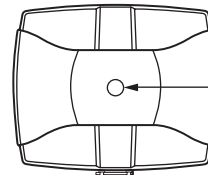
PENDANT MOUNT (PM)

Rigid pendant mount (pendant by others) with counter weights included.

Weight: 25 Lbs.



Side View

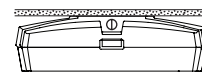


Top View

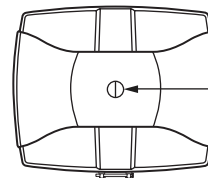
CLOSED TOP (CT)

Closed top for direct surface mounting. Two 1/2" NPS threaded and plugged conduit side entry points provided.

Weight: 22 Lbs.



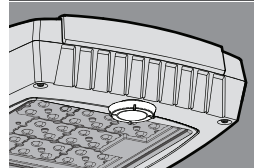
Side View



Top View

OPTIONS

OCCUPANCY SENSOR



EXAMPLE

OCCWS FSP-211 - L2

OCCUPANCY SENSOR

LENS

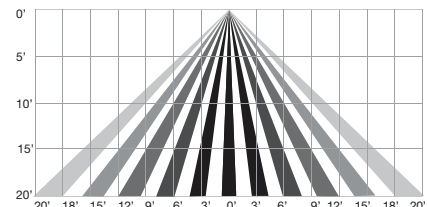
- ▶ Fully adjustable high and low dimmed light levels.
- ▶ Designed for LED fixtures; rated for extreme temperatures and up to 200,000 on/off cycles.
- ▶ Hold-off setpoint with automatic calibration option for convenience and added energy savings.
- ▶ Adjustable via handheld wireless configuration tool (ordered separately, see page 4).
- ▶ IP66 rated with choice of lenses for wet and outdoor locations, and mounting heights from 8' to 20'.
- ▶ Adjustable time delay and cutoff delay.
- ▶ Factory set to 10% dimming at 5 minutes, cutoff at 1 hour.

OCCUPANCY SENSOR ORDERING INFORMATION

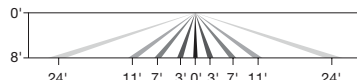
OCCWS FSP-211-__ Factory-installed occupancy and daylight sensor, must specify lens (120V or 277V only)

LENS

L2 Coverage at 8' mounting height: $\phi 48'$
L3 Coverage at 20' mounting height: $\phi 40'$



L3 Lens



L2 Lens

FIXTURE PERFORMANCE DATA

Distribution	Lumen Package	Average System Wattage ¹	Nominal Lumens	CCT	Delivered Lumens ^{2 3}	Efficacy (lm/W) ^{2 3}	BUG Ratings
Type III	L30	36	3000	3000	2964	82.3	B2-U0-G2
				4000	3170	88.1	
				5000	3250	90.3	
	L65	69	6500	3000	5935	86.0	
				4000	6348	92.0	
				5000	6507	94.3	
	L100	102	10000	3000	8846	86.7	
				4000	9610	94.2	
				5000	9649	94.6	
Type V	L30	36	3000	3000	2825	78.5	B3-U0-G2
				4000	3022	83.9	
				5000	3097	86.0	
	L65	69	6500	3000	5697	82.6	
				4000	6094	88.3	
				5000	6246	90.5	
	L100	102	10000	3000	8610	84.4	
				4000	9065	88.9	
				5000	9489	93.0	
Type FL	L30	36	3000	3000	3193	88.7	B3-U0-G1
				4000	3416	94.9	
				5000	3501	97.3	
	L65	69	6500	3000	6380	92.5	
				4000	6824	98.9	
				5000	6995	101.4	
	L100	102	10000	3000	9529	93.4	
				4000	10192	99.9	
				5000	10448	102.4	


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.



ACCESSORIES (Ordered separately)

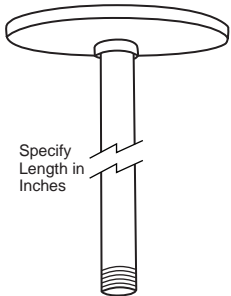
<p>WG-VG – Wireguard Kit (field-installed)</p>  <p>Kit includes:</p> <ul style="list-style-type: none"> • 10-3/8" x 11-1/2" chrome wireguard • (4) 10-24 screws 	<p>FSIR-100 – Occupancy Sensor Remote</p>  <p>Initial setup and subsequent sensor adjustments are made using a handheld configuration tool (FSIR-100). The wireless tool stores up to five sensor parameter profiles to speed configuration of multiple sensors. Please specify quantity required per project.</p> <p>Visit www.wattstopper.com for more information.</p>
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PMVG – Voltaire Pendant Mount Kit

EXAMPLE

PMVG 12 - DBR

SERIES LENGTH FINISH OPTIONS

	SERIES	LENGTH	FINISH OPTIONS														
	<p>PMVG Optional rigid pendant stem and canopy kit for use with VG1.</p> <p>Includes:</p> <ul style="list-style-type: none"> • 1/2" IP stem, specify length • 1/2" IP crossbar with ground screw • ø5" canopy, 7/8" deep • (2) 1/2" IP locknuts • 1/2" bushing/reducer <p>Notes:</p> <ul style="list-style-type: none"> • 4" maximum octagon J-box by others. • Suitable for dry or damp locations. 	<p>Specify length in inches, 6" minimum, 96" maximum.</p> <p>Example: 20 = 20"</p>	<p>For custom color options, visit the VG1 at hew.com.</p> <table border="0"> <tr> <td>BLK</td> <td>Black (RAL #9004)</td> </tr> <tr> <td>DBZ</td> <td>Dark bronze</td> </tr> <tr> <td>DBR</td> <td>Medium bronze</td> </tr> <tr> <td>GRAY</td> <td>Standard gray</td> </tr> <tr> <td>GRN</td> <td>Green (RAL #6005)</td> </tr> <tr> <td>SLV</td> <td>Satin aluminum (RAL #9006)</td> </tr> <tr> <td>WHT</td> <td>White (RAL #9003)</td> </tr> </table>	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)
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