



Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat. #: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Quantity: \_\_\_\_\_



## EV L G2 2 | LED Lensed Utility

### Features:

- High performance LED technology
- 90+ CRI standard
- 0-10V dimming drivers standard
- DALI drivers available
- Field replaceable LED boards and drivers
- Optional Motion/Sound sensor available
- Slide-on and mouse hole ends available as ends with tapped holes to accommodate tamper-proof screws
- Buy American Act compliant *(All base luminaires are BAA compliant. Addition of options may change eligibility. Contact factory for details.)*

### Applications:

- Suitable for wall and ceiling mount applications
- Bathrooms
  - Corridors
  - Stairwells

### Predicted L70 Lifetime:

- L70 ≥ 142,000 hrs (calculated)
- L80 ≥ 89,000 hrs (calculated)
- L90 ≥ 43,000 hrs (reported)
- 86% lumen maintenance @ 60,000 hrs *(based on LM-80, TM-21 and in-situ laboratory testing)*

### Construction:

- Heavy-gauge cold rolled steel housing and end caps
- Clear prismatic acrylic lens
- White powder coat finish

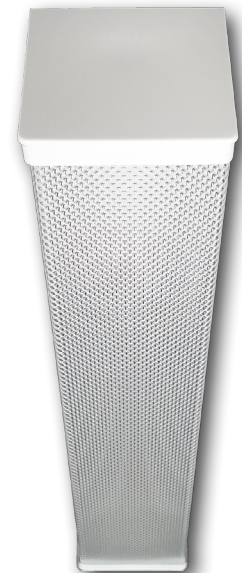
### Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations



### Warranty:

- 5 year limited system warranty - see [www.LumenFocus.com](http://www.LumenFocus.com) for complete warranty terms and conditions
- 10 year warranty option available on specific models *(Not available on all models. Certain conditions apply. Consult factory or sales representative for details.)*



## Ordering Guide:

example: EVL G2 2 MD UV CPA 940 ZMSS

Series	Length	Output	Voltage	Shielding	CRI/CCT	Controls	Options
EVL G2	2			CPA			
<b>EVL G2</b> EVL Gen 2	<b>2</b> 2'	<b>VL</b> Very Low	<b>UV</b> 120-277	<b>CPA</b> Clear Prismatic Acrylic	<b>935</b> 90 CRI/3500K	<b>Blank</b> No Controls	<b>Blank</b> No Options
		<b>LW</b> Low	<b>34</b> 347V		<b>935</b> 90 CRI/3500K	<b>ZMSS</b> Motion/Sound Sensor	<b>EXT10</b> 10-Year Extended Warranty <sup>(1)</sup>
		<b>MD</b> Medium			<b>940</b> 90 CRI/4000K	<b>ZOSMD</b> Microwave Occupancy Sensor (On/Off/Dim)	<b>SO</b> Slide-On End Caps
					<b>950</b> 90 CRI/5000K		<b>MH</b> Mouse Hole End Caps

## Notes

<sup>(1)</sup> Not available on all models. Certain conditions apply.

Consult factory or sales representative for details.

<sup>(2)</sup> 120-277V / 0°C-55°C ambient. To estimate lumen output in emergency mode, multiply EM wattage by the Lumens per Watt of the luminaire it is installed in.

ex. EVL G2 2 MD UV CPA 940 EM10 → 137.8 LPW x 10W = 1,378 lm



Mouse Hole End Cap (MH)



Tapped Hole End Cap (TH)

**EM6**  
6.5W Emergency Pack<sup>(2)</sup>

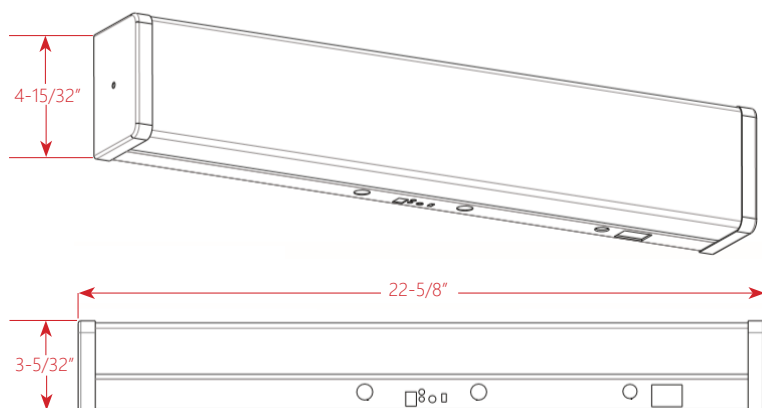
**EM10**  
10W Emergency Pack<sup>(2)</sup>

**CC**  
Conformal Coating

**LVL**  
0-10V Dimming Leads for Easy Field Access

**BAA**  
Buy American Act Compliant

## Schematic:



### Performance Chart:

Catalog #	Watts	Lumens (930)	LPW (930)	Lumens (935)	LPW (935)	Lumens (940)	LPW (940)	Lumens (950)	LPW (950)
EVL G2 2 VL UV CPA 9xx	8.9	1041.5	117.4	1045.9	117.9	1070.7	120.7	1070.7	120.7
EVL G2 2 LW UV CPA 9xx	16.0	2015.7	125.7	2024.2	126.2	2072.2	129.2	2072.2	129.2
EVL G2 2 MD UV CPA 9xx	22.7	3046.7	134.1	3059.6	134.6	3132.3	137.8	3132.3	137.8



The EVL features field replaceable boards and drivers. This allows you to upgrade to more efficient technology in the future. Or, in the rare event of a failure, you can rapidly replace defective components. Re-boardABILITY helps to ensure you won't get stuck with an obsolete light fixture. [Learn more about Re-boardABILITY here.](#)

### Controls Summary:

Control Code	Type	Capabilities	Communication
ZMSS	Motion/Sound Sensor	On/Off, Reverse Occupancy, Bi-level High/Low. Contact factory for details on settings.	Wired
ZOSMD	Motion (Microwave), Photosensor	On/Low/Off	Wired 1-10V



#### Motion/Sound Sensor (ZMSS)

The integrated Wattstopper FS-505 (or equivalent) utilizes high frequency (40 kHz) ultrasonic technology to sense motion within a space and energize the luminaire even when the sensor has no direct line of sight to any occupants. This sensor transmits sound waves through the area and measures the speed at which they return. If there are any occupants in the space, this increases the return frequency and indicates occupancy, which illuminates the EVL.

#### Microwave Occupancy Sensor (ZOSMD)

The Leviton OSM3D-DDW (or equivalent) detects motion through low density materials using high frequency electromagnetic waves. This means it can sit discretely behind the EVLs lens. The ZOSMD features automatic switching based on motion and ambient light level. ZOSMD option adds step-dimming functionality - standby dimming level 10% / 20% / 30% / 50%. Max mounting height for ZOSMD is 40 feet.

