Project: _____

Location: _____

Cat. #: _____

Type: _____

Quantity: _____

LED

EVL G2 3 | 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 accomodate tamper-proof screws

Applications:

Suitable for wall and ceiling mount applications

- Bathrooms
- Corridors
- Stairwells

Predicted L70 Lifetime:

- L70 ≥ 137,000 hrs (calculated)
- L80 ≥ 86,000 hrs (calculated)
- L90 ≥ 42,000 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:

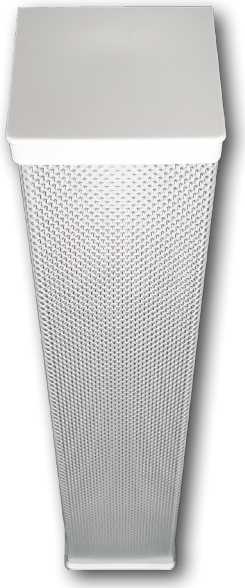
- 5 year limited system warranty - see www.LumenFocus.com for complete warranty terms and conditions
- 10 year warranty option available on specific models

(Not available on all models. Certain conditions apply. Consult factory or sales representative for details.)

MADE IN USA
USING DOMESTIC AND FOREIGN COMPONENTS

10 YEAR EXTENDED WARRANTY
AVAILABLE ON CERTAIN MODELS

90+ CRI



Ordering Guide:

example: EVL G2 3 MD UV CPA 940 ZMSS

Series	Length	Output	Voltage	Shielding	CRI/CCT	Controls	Options
EVL G2	3			CPA			
EVL G2	**3** 3'	**VL** Low **LW** Low **MD** Medium	**UV** 120-277 **34** 347V	**CPA** Clear Prismatic Acrylic	**935** 90 CRI/3500K **935** 90 CRI/3500K **940** 90 CRI/4000K **950** 90 CRI/5000K	**Blank** No Controls **ZMSS** Motion/Sound Sensor **ZOSMD** Microwave Occupancy Sensor (On/Off/Dim) **ZIFS** Douglas IFS Sensor with Dimming/ Occupancy/Daylight Harvesting with Newtork Capabilities[1] **ZIFC** Douglas IFC Controller with Newtork Capabilities[1] **ZENLO** Enlighted One Micro Sensor with Dimming/Occupancy/Daylight Harvesting[2] **ZENLC** Enlighted Connected Micro Sensor with Dimming/Occupancy/Daylight Harvesting[2] **ZENLI** Enlighted IoT Micro Sensor with Dimming/Occupancy/Daylight Harvesting[2]	**Blank** No Options **EXT10** 10-Year Extended Warranty[3] **SO** Slide-On End Caps **MH** Mouse Hole End Caps **TH** Tapped Hole End Caps **CC** Conformal Coating **LVL** 0-10V Dimming Leads for Easy Field Access **BAA** Buy American Act Compliant

Notes

[1] Max ceiling height for Douglas sensors: 16.4 feet. See Page 4 for more details on advanced controls.
[2] Max ceiling height for Enlighted sensors: 15 feet. See Page 4 for more details on advanced controls.
[3] Not available on all models. Certain conditions apply. Consult factory or sales representative for details.

Controls Accessories *(order separately)*

For Douglas Controls

BT-DMSW-U-A	Bluetooth 1 Zone Dimmer
BT-4BTSW-U-A	Bluetooth 4-Button Wall Station
BT-8BTSW-U-A	Bluetooth 8-Button Wall Station

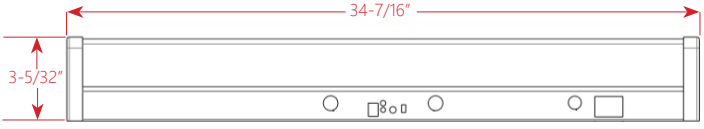
For Enlighted Controls

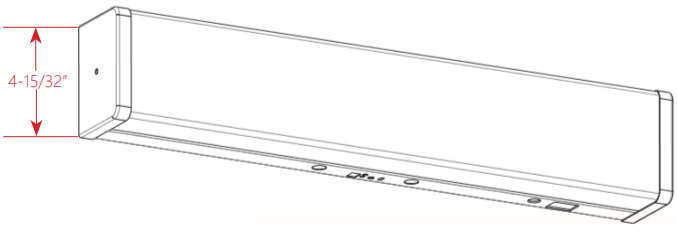
WS-2-00	Enlighted Remote Control Wall Switch (for Enlighted Connected & IoT)
WS-2-00-IL	Enlighted Remote Control Wall Switch (for Enlighted One)

Mouse Hole End Cap (MH)

Tapped Hole End Cap (TH)

Schematic:





Performance Chart:

Catalog #	Watts	Lumens (930)	LPW (930)	Lumens (935)	LPW (935)	Lumens (940)	LPW (940)	Lumens (950)	LPW (950)
EVL G2 3 VL UV CPA 9xx	12.3	1523.3	123.4	1529.7	123.9	1566.1	126.9	1566.1	126.9
EVL G2 3 LW UV CPA 9xx	22.6	2989.4	132.5	3002.0	133.0	3073.3	136.2	3073.3	136.2
EVL G2 3 MD UV CPA 9xx	33.8	4429.2	131.0	4447.9	131.6	4553.5	134.7	4553.5	134.7

LUMENFOCUS Re-boardABILITY

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
ZIFS	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping, LLLC (Douglas Lighting Controls-Dialog)*	Wireless Bluetooth Mesh, Programmable via iOS App or Douglas Dialog Software
ZIFC	Controller, No Sensors	High/Low/Off, High-End Trim, Grouping, LLLC (Douglas Lighting Controls-Dialog)*	Wireless Bluetooth Mesh, Programmable via iOS App or Douglas Dialog Software
ZENLO	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping, Upgradable to Connected (ZENLC) or IoT (ZENLI)	Wireless Bluetooth Low Energy Mesh, Programmable via Enlighted Room Controller WS-2-00-IL (sold separately)
ZENLC	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping, Scheduling*, Energy Monitoring*, BMS Integration*, Upgradable to IoT (ZENLI), LLLC (Enlighted IoT)*	Wireless Bluetooth Low Energy Mesh, Programmable via Enlighted IoT Software
ZENLI	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping, Scheduling*, Energy Monitoring*, BMS Integration*, LLLC (Enlighted IoT)*, Space - Building Utilization*, Where - Real Time Location Services*	Wireless Bluetooth Low Energy Mesh, Programmable via Enlighted IoT Software

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 EVL's 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.

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.

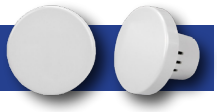
Universal Douglas: Cloud-based controls

The EVL G2 can be equipped with the Douglas Bluetooth Intelligent Fixture Sensor (IFS) as well as the Intelligent Fixture Controller. Max mounting height is 16.4 feet.

IFS

- Occupancy, vacancy, partial-on and partial-off
- Occupancy timeout adjustable from 5 to 90 minutes
- Primary and secondary daylight harvesting

IFC



- Listed for emergency control when used on dedicated emergency power bus
- Same occupancy and daylight controls as the IFS when networked with one or more IFS sensors

Available with both IFS and IFC:

- 0-10V dimming with dim-to-off
- Bluetooth beacon for digital ceiling, IoT and location service strategies
- 150-foot clear line of sight, 50 feet through standard walls
- May be used with dual-channel, tunable white LED drivers providing auxiliary power and dim-to-off capability
- Commissioning through Douglas Lighting Controls, Inc. app from Apple app store
- **Note:** Additional equipment required for IoT capabilities

CheckLight® Energy Management System

Douglas controls can be integrated with the CheckLight® Energy Management system. This system can help you uncover energy conversion opportunities, create conservation strategies, analyze lighting load inefficiencies, and make configuration changes from anywhere with Douglas' user-friendly interface. You can get measurements, reports, and control your system from a web-based application.

CheckLight® has the capability to look at different facilities within a portfolio and use data benchmarks to compare building performances.

- Find energy conservation opportunities
- Create energy saving strategies
- Analyze load inefficiencies
- Optimize energy management

Enlighted: All-in-one sensors, upgradeable systems

Enlighted's SMART Micro Sensor is an all-in-one unit: task tuning, high-end trimming, daylight harvesting, and occupancy/vacancy detection. Max installation height is 15 feet.

Enlighted sensors come standard with the Enlighted One system (the "ZENLO" option). Enlighted Connected ("ZENLC") offers even more options. The Enlighted IoT ("ZENLI") option allows the full implementation of Enlighted's services. Each system can be fully upgraded to the next tier in the future. So if you start with Enlighted One but want to add energy reporting or building management systems integration in the future, you can.

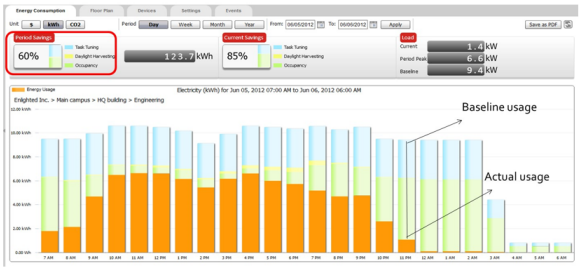
Enlighted Capabilities*	Enlighted One (ZENLO)	Enlighted Connected (ZENLC)	Enlighted IoT (ZENLI)
Motion and Switch Groups	✓	✓	✓
Daylight Harvesting	✓	✓	✓
Schedule Lighting		✓	✓
Energy Reporting & Optimization		✓	✓
Environment Data & Lighting Controls API		✓	✓
Building Management System Integration		✓	✓
Where & Space Applications			✓
Location & Occupancy APIs & Beaconing			✓
Future App & API Ready			✓

Note: Additional equipment required ZENLC and ZENLI

Real-time data analytics

Enlighted's control units compile data in real-time, which can be viewed via the Energy Manager. The Energy Manager is part of the Enlighted Connected and Enlighted IoT configurations.

- Real-time measurements and verification of energy savings
- Space analytics - data can be compiled into motion trails and heat maps
- Analyze traffic density and congestion in a space



Learn more about our available advanced controls options here:
www.lumenfocus.com/controls-overview