Wide Enclosed & Gasketed (EGW)
Wet Location Linear LED Fixture

OVERVIEW	
Lumen Package (lm)	10,000 - 27,000
Color Temperature (K)	4000, 5000
Wattage Range (W)	70 - 191
Efficacy Range (LPW)	131 -148
Weight lbs (kg)	2 ft. - 13 (5.9) 4 ft. - 24 (10.9)

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Fiberglass reinforced plastic housing with internal closed-cell polyurethane structure gasketing
- Polymeric housing provides IP65/IP66/IP67 ingress protection and superior chemical resistance
- Inner gear tray constructed of code gauge steel with a finish coating of high reflectance polyester powder (min. 92%)
- High pressure hose down (1500 PSI)
- NEMA 4x rated
- Hinged gear tray for easy driver access
- Optical System
- Injection molded acrylic lens with high impact additive
- Smooth lens is available in diffuse and clear
- Minimum CRI of 80

Electrical

- High-performance driver features overvoltage, under-voltage, short-circuit and over temperature protection. Custom lumen and wattage packages available. Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional 347V.

- Total harmonic distortion (THD): <20%
- Operating temperature: -35°C to +45°C (-31°F to +113°F)
- Power factor (PF): >.95
- Driver module is sealed to IP65, IP66, and IP67 standards with a Class A sound rating and 0-10V dimming (10%-100%) standard
- 0-10V dimming (10%-100%) standard
- Standard Universal Voltage (120-277 Vac) Input 50/60 or optional High Voltage (347- 480V)
- L70 Calculated Life: >200K hours

Controls

- Controls Options include:
  - Simple Sensor PIR end mount motion sensor available (OMSWL)
  - Airlink Blue integral controller (ALBC) or integral controller with microwave sensor (ALBCMWS).

Installation

- 2 standard stainless steel mounting brackets are furnished with each fixture
- Optional stainless steel V bracket or surface bracket accessory available

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Suitable for wet locations
  - Unit is IP65, IP66, and IP67 rated
- NEMA 4x rated enclosure
- NSF rated (Splash Zone 2)
- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- Title 24 Compliant; see local ordinance for qualification information.
- DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Wide Enclosed & Gasketed (EGW)

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: EGW 2 LED 14L DA S UNV DIM 40 80						
Prefix	**Fixture Length**	**Light Source**	**Lumen Package**	**Lens Type**	**Distribution**	**Voltage**
EGW - Wide Wet Location LED	**2** - 2 ft. **4** - 4 ft.	**LED**	**10L** - 10,000[1] **14L** - 14,000 **17L** - 17,000 **27L** - 27,000[2] **Custom Lumen**[3]	**DA** - Diffuse Acrylic **CA** - Clear Acrylic	**S** - Symmetric	**UNV** - Universal Voltage (120-277V) **HV** - High Voltage (347-480V)
Dimming	**Color Temperature**	**Color Rendering**	**Mounting / Wiring**		**Controls**	**Options**
DIM - Dims to 10% (0-10V dimming)	**40** - 4000K **50** - 5000K	**80** - 80 CRI	**Standard** - Mounting clips and bails included **E6C** - 6 ft. black cord, no plug (V hook hangers included)		**OCSWL** - Wet Location Occupancy Sensor **ALBCMWS** - Airlink Blue (Silvair) integrated microwave motion sensor (see photo in dimensions section)	**EM** - 1,400 Emergency Backup

Need more information?
Click here for our glossary

Have additional questions?
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ACCESSORY ORDERING INFORMATION

Part Number	Order Number	Description
310967	**LCH10**	10 ft. Loop Cable Hanging Set (Qty. 2)
357201	**LCH20**	20 ft. Loop Cable Hanging Set (Qty. 2)

PERFORMANCE

Delivered Lumens[4]							
Fixture Length	**Lumen Package**	**Distribution**	**4000K**		**5000K**		**Wattage**
			Delivered Lumens	**Efficacy**	**Delivered Lumens**	**Efficacy**	
2	**10L**		10,482	150	10,482	150	79
	14L	S	13,705	144	13,705	144	94
	17L		17,098	132	17,098	132	129
4	**14L**		14,269	150	14,269	150	104
	17L	S	18,129	139	18,129	139	130
	27L		27,753	145	27,753	145	191

1 Available in 2 ft. only.
2 Available in 4 ft. only.
3 Custom lumen and wattages available, consult factory. Values are within industry standard tolerances and not DLC listed.
4 LEDs are frequently updated therefore values are nominal.

Type : _____

PHOTOMETRICS

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See the individual product page on https://www.lsicorp.com/ for detailed photometric data.

EGW-2-DA-14L

Luminaire Data	
Wide Distribution	
Description	4000 Kelvin, 80 CRI
Delivered Lumens	13,569
Watts	95
Efficacy	143

Polar Curve

4609
3457
2305
1152

■ Vertical Plane   ■ Horizontal Cone

Zonal Lumen Summary		
Zone	**Lumens**	**% Luminaire**
Low (0-30°)	3,599	27%
Medium (30-60°)	6,743	50%
High (60-80°)	2,523	19%
Very High (80-90°)	417	3%
Uplight (90-180°)	286	2%
Total Flux	13,569	100%
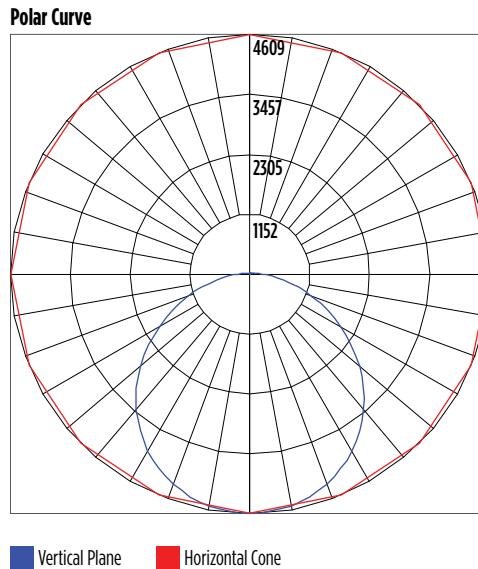
EGW-4-DA-17L

Luminaire Data	
Wide Distribution	
Description	4000 Kelvin, 80 CRI
Delivered Lumens	17,950
Watts	130
Efficacy	138

Polar Curve

6217
4663
3109
1554

■ Vertical Plane   ■ Horizontal Cone

Zonal Lumen Summary		
Zone	**Lumens**	**% Luminaire**
Low (0-30°)	4,736	26%
Medium (30-60°)	8,802	49%
High (60-80°)	3,244	18%
Very High (80-90°)	586	3%
Uplight (90-180°)	579	3%
Total Flux	17,950	100%
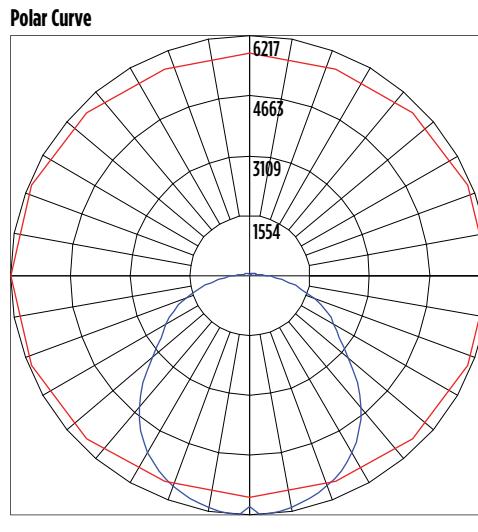
Wide Enclosed & Gasketed (EGW)

Type : _____

PRODUCT DIMENSIONS

EGW 2

10"
(254 mm)

5-3/4"
(147 mm)

26-1/2"
(676 mm)

14-1/2"
(368 mm)

EGW 4

26-1/2"
(254 mm)

26-1/2"
(254 mm)

6-1/4"
(159 mm)

51-1/2"
(1308 mm)

14-3/8"
(365 mm)
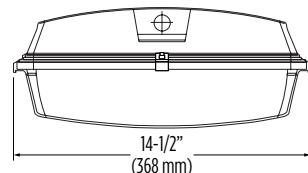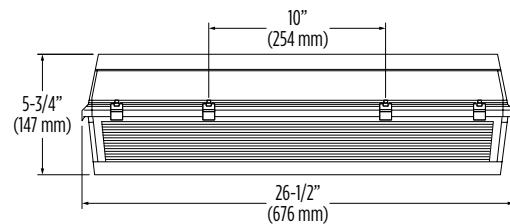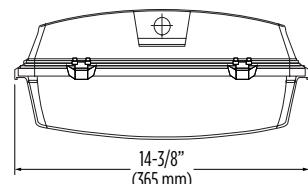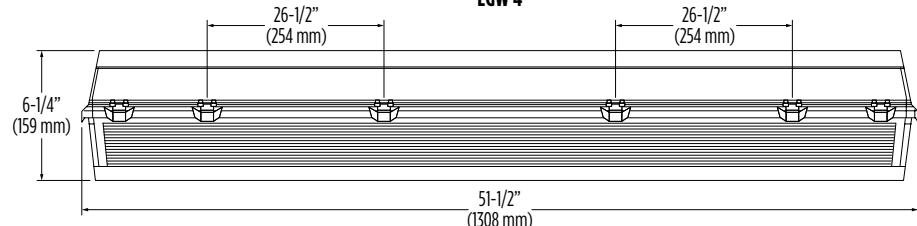
ALBCMWS sensor installed in housing

CONTROLS

Integral Bluetooth™ Motion and Photocell Sensor (IMSBTxL)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is IP66 rated for cold and wet locations (-40°F to 167°F). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

Click here to learn more details about IMSBT

LEVITON App	Apple	Android

AirLink Blue (ALBCSx)

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/Site, Wall Mounted, Parking Garage and Canopy luminaires.

Click here to learn more details about AirLink Blue

AirLink Blue App	Apple

Sensor Sequence of Operations

Standard Programming	On Event	Off Event	On Light Level	Dim Light Level	Daylight Harvesting	Delay To Off	Sensitivity
OMSBTxL/IMSBTxL	Motion	No Motion	100%	N/A	On; Auto Calibration	20 minutes	High
OMS	Motion	No Motion	N/A	N/A	N/A	30 seconds	Auto

Operation	Description
On Event	Trigger that activates lights to turn on; either automatic via motion detected or manually activated via push of button.
Off Event	Trigger that activates lights to turn off; either automatic via no motion detected or manually activated via push of button.
On Light Level	The light level that the fixtures will turn on to when ON EVENT occurs.
Dim Light Level	The light level that the fixtures will dim down to when no motion is detected.
Delay to Dim	The amount of time after which no motion is detected that the fixtures will be triggered to dim down. This sequence is optional, and sensor can be programmed to only trigger the fixture to turn off by entering 100% in this field.
Delay to Off	The amount of time after which no motion is detected that the fixtures will be triggered to turn off. If delay to dim is part of the programmed functionality, this is the amount of time after which no motion is detected after the fixture have already dimmed down.
Sensitivity	The sensitivity can be set to high, medium, low, or auto where applicable. High will detect smaller, simple motions. Low will only detect larger more complex motions. Auto temperature calibration adjusts the PIR sensitivity as ambient temperature rises to increase detection of heat movement through the field of view.