

MADE IN AMERICA

BUILD YOUR OWN SEALBRIGHT VAPOR TIGHT - PLS VAPOR TIGHT

This **fully weatherproof** LED unit is designed for use in wet locations. It can withstand **direct contact with water**, and even be hosed down for easy cleaning, as this unit is **corrosion resistant and waterproof**.



IP65

IP66

IP67



Powered by:



APPLICATIONS

- Parking garages
- Industrial Buildings
- Refrigerators / freezers
- Storages
- Car washes
- Shopping centers



See body style for options

BUILD YOUR OWN SEALBRIGHT VAPOR TIGHT PRODUCT FEATURES - PLS VERSIONS

WATTAGES	<p>Magnilumen Plus: 2ft- 20W, 30W 4ft- 40W, 50W, 60W 8ft- 80W, 100W, 120W</p> <p>Magnilumen Plus High Output: 2ft- 30W, 60W 4ft- 60W, 100W, 120W 8ft- 100W, 120W, 240W</p>
COLOR TEMPS	<p>Magnilumen Plus: 30K, 35K, 40K, 50K, 65K, Green, Blue, Orange, Yellow, Red, Amber, Black Light</p> <p>Magnilumen Plus High Output: 40K, 50K; Special Order: 30K, 35K</p>
LUMENS	See lumens chart
INPUT VOLTAGE	120/277V
CRI	White 83
DIMMING	0-10V
AMBIENT TEMPS	-4°F - 122°F
OPERATING FREQUENCY	50/60Hz
LED LIFESPAN (L70)	<p>Magnilumen Plus: 100,000 hours Magnilumen Plus High Output: 50,000 hours</p>
MOUNTING	<p>Available with a stainless steel external hanging bracket. Must be drilled and sealed for each surface mounting or chain hanging application.</p> <p>Latches: Acetal - Plastic Latch included</p>
QUANTITY OF BARS	<p>Magnilumen Plus: 2ft + 4ft- 1, 2, or 3 bars 8ft- 2, 4, or 6 bars</p> <p>Magnilumen Plus High Output: 2ft- 1 4ft- 1, 2 8ft- 2, 4</p>
MAX WEIGHT	15lbs - 48", 32lbs - 96"
LISTED	UL
LIGHT ENGINE	ETL
OPTIONS	<p>EM + Emergency MS - Motion Sensing</p> <p>Sensors - Optional External PIR Sensor Internal Microwave Sensor Motion Sensor include AO Drivers</p>
RATED	IP65, IP66, IP67
MAX WASH PRESSURE	PSI PLS - 1500
EMERGENCY BATTERY	Optional 15W or 20W
WARRANTY	<p>Magnilumen Plus 7 year Magnilumen Plus High Output 5 year Magnilumen Plus Color 3 year</p>

ACCESSORIES – PLS VAPOR TIGHT

SENSORS



90° Microwave Sensor
ZL-SENSOR-HB-HD07R



90° Remote
ZL-HAISEN-REMOTE-HD05R



Internal Microwave Sensor
ZL-MV-SENSOR-ANT-7



Remote
ZL-REMOTE-RC-100

EMERGENCY DRIVERS

FEATURES:

- Local codes can vary
- Standard CSA C22.2 NO. 141, UL924
- External lithium battery
- Battery protections: over charge protection, over discharge protection, short circuit protection
- Indicator shows a variety working modes
- The batteries meet 500 cycles of standard CH and standard DCH
- Emergency 1.5 H

PART NUMBERS:

15W: BL-EMRG-LED-15-1H

20W: BL-EMRG-LED-20-1H

WATTAGES	15W, 20W
VOLTAGE INPUT	120/277VAC, 50/60Hz
AC INPUT CURRENT	10mA max
AC INPUT POWER RATING	7.0W max
OUTPUT CURRENT AND VOLTAGE	310-600mA 25-48VDC
BATTERY	Li-ion battery- 14.8V/2000mAH
BATTERY CHARGING CURRENT	250mA
BATTERY CHARGING TIME	24 hours
AMBIENT TEMPERATURE	32 to 104F
EMERGENCY TIME	1.5 hours
TEST SWITCH INDICATOR LIGHT	Illuminated Test Switch, Indicator Light
INSTALLATION	Plug and Play
LISTED	UL
RATED	Title 20
WARRANTY	5 year

LUMENS:

	15W	20W
150 lm/W with Frosted Lens	2,250	3,000
170 lm/W with Clear Lens	2,550	3,400
180 lm/W with No Lens	2,700	3,600



Driver Not Included

External Li-ion battery-14.8V/2000mAH



Test Light



15W or 20W
Emergency Driver



DIMENSIONS:

- Driver Dimensions:
15W: 7.4" x 1.5" x 1.1"
20W: 7.4" x 1.5" x 1.2"
- Battery Dimensions:
15W: 6" x 1.5" x .75"
20W: 6" x 2.25" x .75"

OPERATION:

AC Operation:

AC power is present, the LED load from the LED driver is normal power supply, AC LED driver output current can not exceed 150W or 4A, the emergency driver is charging in a standby mode, the test switch on to indicate that it is charging.

Emergency Operation:

Upon loss of AC input, the emergency driver detects the power interruption and automatically transitions to emergency operating mode. During this state, the green LED indicator is deactivated. When AC power is restored, the driver reverts to normal operation, initiates battery recharge, and reactivates the green LED indicator.

