

MADE IN AMERICA

BUILD YOUR OWN SEALBRIGHT VAPOR TIGHT - NM VAPOR TIGHT



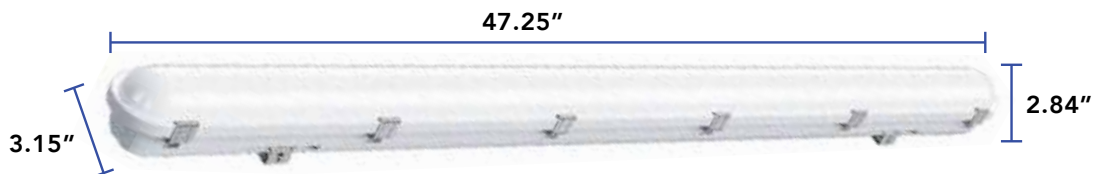
- PC plastic case housing with IP65 and IK08
- 4ft with Frosted Lens



**BUILD YOUR OWN SEALBRIGHT VAPOR TIGHT
PRODUCT FEATURES - NM VERSION**

WATTAGES	Magnilumen Plus: 40W, 50W, 60W Magnilumen Plus High Output: 60W
COLOR TEMP	Magnilumen Plus: 30K, 35K, 40K, 50K, 65K, Green, Blue, Orange, Yellow, Red, Amber, Black Light Magnilumen Plus High Output: 40K, 50K; Special Order: 30K, 35K
LUMENS	See lumens chart
INPUT VOLTAGE	120/277V
CRI	>Ra80
OPERATING TEMP	-20 to 50C; -40 to 122F
POWER FACTOR	>0.9
LISTED	UL / ETL
RATED	IP65
LED LIFESPAN (L70)	Magnilumen Plus: 100,000 hours Magnilumen Plus High Output: 50,000 hours
QUANTITY OF BARS	Magnilumen Plus: 2, 3, or 4 bars Magnilumen Plus High Output: 2
OPTIONS	EM + Emergency MS - Motion Sensing Sensors - Optional External PIR Sensor Internal Microwave Sensor Motion Sensor include AO Drivers
WARRANTY	Magnilumen Plus 7 year Magnilumen Plus High Output 5 year Magnilumen Plus Color 3 year

DIMENSIONS – NM VAPOR TIGHT



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MAGNILUMEN PLUS⁺ PRODUCT BUILDER – NM VAPOR TIGHT

PRODUCT #	SIZE	COLOR TEMP	# OF BARS	BAR LENS	FIXTURE LENS	WATTAGE	LATCHES	MOUNTING	OPTIONS
ZL-NM-LED	4 4=4FT	30K 35K 40K 50K 65K Amber 585NM Red Green Blue Black Orange Yellow	2 3 4	FR FR=Frosted	FA FA=Frosted Acrylic	40W 50W 60W	SSL SSL=Stainless Steel (standard)	SSM SSM=Stainless Steel Mounting (standard)	EM15=Emergency Driver 15 Watts EM20=Emergency Driver 20 Watts (w/battery backup) Blank=None SENSORS (Include Bi-Level) AO Driver Included with Motion Sensor EMS=External Motion Sensing IMS=Internal Motion Sensing

MAGNILUMEN PLUS⁺ HIGH OUTPUT HIGH OUTPUT PRODUCT BUILDER – NM VAPOR TIGHT

PRODUCT #	SIZE	COLOR TEMP	# OF BARS	BAR LENS	FIXTURE LENS	WATTAGE	LATCHES	MOUNTING	OPTIONS
ZL-NM-HOLED	4 4=4FT	40K 50K (Special Order) 30K 35K	2	FR FR=Frosted	FA FA=Frosted Acrylic	60W	SSL SSL=Stainless Steel (standard)	SSM SSM=Stainless Steel Mounting (standard)	EM20=Emergency Driver 20 Watts (w/battery backup) Blank=None SENSORS (Include Bi-Level) AO Driver Included with Motion Sensor EMS=External Motion Sensing IMS=Internal Motion Sensing

LATCHES – NM VAPOR TIGHT

Stainless Steel Latch (included)



MOUNTING BRACKETS

Stainless Steel (included)



ACCESSORIES – NM 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

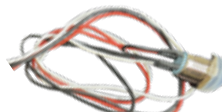
LUMENS:

	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.

LUMENS – NM VAPOR TIGHT



LUMENS – STANDARD MAGNILUMEN PLUS

WATTAGE	LUMENS
20W	3,600L
30W	5,400L
40W	7,200L
50W	9,000L
60W	10,800L



LUMENS – MAGNILUMEN PLUS HIGH OUTPUT

WATTAGE	LUMENS
32W	5,280L
62W	10,230L
100W	16,500L
120W	19,800L

HO Bar per Wattage

30W - 1 - 2 ft bar

62W - 2 - 2 ft bars

62W - 1 - 4 ft bar

120W - 2 - 4 ft bars

240W - 4 - 4 ft bars