



## BUG

High Performance LED Emergency Light

DATE:

PROJECT

COMMENTS:



### FEATURES

- CEC Title 20 Compliant
- BUG3: Two adjustable lamp heads with (3) 1 Watt LEDs producing 300 lumens/head
- BUG6: Two adjustable lamp heads with (3) 2 Watt LEDs producing 650 lumens/head
- Brownout detection ensures emergency operation during periods of low line voltage
- Simple, snap-fit assembly and canopy for easy installation
- Knockout mounting pattern on back plate and top conduit entry
- Optional full Self Diagnostics available - performs monthly test and continuously monitors unit status
- Push-to-test switch and LED AC status indicator
- 120/277 VAC field-selectable inputs
- Line latch prevents unnecessary discharge of battery during installation. Loads will not illuminate until after application of utility power
- Low voltage disconnect prevents battery damage and ensures positive charge after extended discharge
- Listed for indoor damp locations
- Eco-friendly, long life, high performance Lithium Iron Phosphate battery
- UL Listed 90 minute run-time

### NOTES

- SD only available with WH Housing
- EB cannot be specified with SD option
- If using the remote capacity option (EB) without any remote lamp heads attached, the base unit run time is extended to greater than 2 hours



### ORDERING INFORMATION *BUG-3W-WH-MB*

#### 3 WATT

1. SERIES	2. OPERATION	3. HOUSING COLOR	4. MOUNTING	5. OPTIONS
BUG	3W 3 Watt	WH White	MB Back Mount MTB Canopy Mount	BLANK = NO OPTION SD Self-Diagnostics <sup>2</sup> EB Remote Capacity <sup>1</sup> VR Vandal Resistant Shield

#### 6 WATT

1. SERIES	2. OPERATION	3. HOUSING COLOR	4. MOUNTING	5. OPTIONS
BUG	6W 6 Watt	WH White	MB Back Mount MTB Canopy Mount	BLANK = NO OPTION SD Self-Diagnostics VR Vandal Resistant Shield

1. SERIES	2. OPERATION	3. HOUSING COLOR	4. MOUNTING
BUG	6W 6 Watt	BK Black <sup>3</sup>	MB Back Mount MTB Canopy Mount

#### ORDERING NOTES

1. Compatible with MVH remote heads
2. Self-diagnostics (SD) not available with remote capacity (EB)
3. Self-diagnostics (SD) and remote capacity (EB) not available with Black Finish

## CONSTRUCTION

- 5VA flame rated, injection molded ABS thermoplastic housing
- Extruded aluminum LED heat sinks for optimal LED operation and long life

## TEMPERATURE RATING

- From 50°F to 104°F

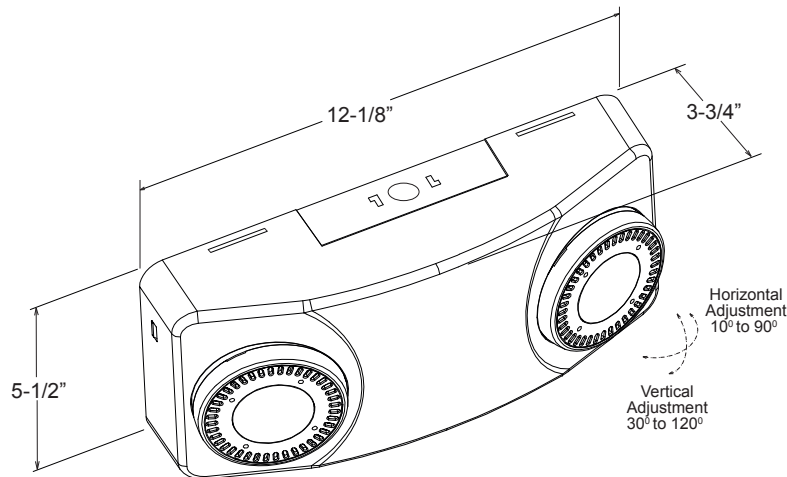
## APPROVALS

- UL924
- UL Listed for Damp Location
- CEC Title 20 Compliant
- NFPA 101 Life Safety Code
- NFPA 70-NEC
- OSHA

## WARRANTY

- Isolite offers a 5-year limited warranty. For further details, refer to General Warranty and Obligations in the Isolite manual or on our website. Lamps not warranted

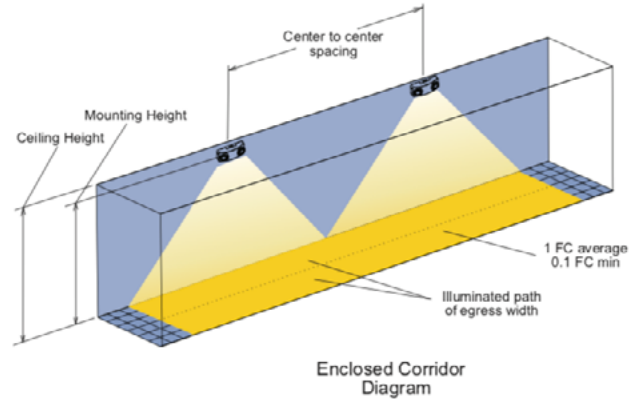
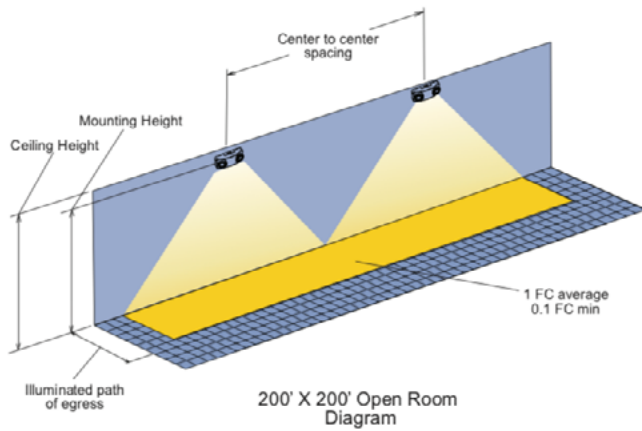
## DIMENSIONS



## ACCESSORIES; ORDER SEPARATELY

- BUG-ACCY-VRS = Vandal Shield
- Remote Heads: See MVH
- WG 2 = Wire guard 14.0" X 10.0" X 4.5"

## BUG HIGH PERFORMANCE LED EMERGENCY LIGHT



## MULTIPLE UNIT MAXIMUM SPACING GUIDELINES (IN FT)

200 X 200' OPEN ROOM									
BUG3 - 600 LUMENS					BUG6 - 1300 LUMENS				
MOUNTING HEIGHT	CEILING HEIGHT	SPACING (CENTER TO CENTER)	AVERAGE (≥ 1.0FC)	UNIFORMITY RATIO MAX / MIN (≤ 40:1)	MOUNTING HEIGHT	CEILING HEIGHT	SPACING (CENTER TO CENTER)	AVERAGE (≥ 1.0FC)	UNIFORMITY RATIO MAX / MIN (≤ 40:1)
7.5	9	70	1.00	37.77	7.5	9	100	1.07	38.80
9	11	61	1.02	38.70	9	11	98	1.07	39.00
10	12	60	1.01	39.50	10	12	96	1.01	33.24
12	14	45	1.06	38.67	12	14	84	1.00	39.31
14	16	44	1.01	34.91	14	16	58	1.05	34.25
16	18	42	1.03	32.18	16	18	58	1.02	38.36

6' WIDE ENCLOSED CORRIDOR W/ 6' PATH OF EGRESS									
BUG3 - 600 LUMENS					BUG6 - 1300 LUMENS				
MOUNTING HEIGHT	CEILING HEIGHT	SPACING (CENTER TO CENTER)	AVERAGE (≥ 1.0FC)	UNIFORMITY RATIO MAX / MIN (≤ 40:1)	MOUNTING HEIGHT	CEILING HEIGHT	SPACING (CENTER TO CENTER)	AVERAGE (≥ 1.0FC)	UNIFORMITY RATIO MAX / MIN (≤ 40:1)
7.5	9	75	1.02	38.85	7.5	9	114	1.01	37.31
9	11	73	1.03	39.50	9	11	112	1.00	38.79
10	12	71	1.04	33.31	10	12	109	1.02	38.60
12	14	68	1.01	34.93	12	14	105	1.05	39.81
14	16	63	1.01	36.76	14	16	105	1.00	37.59
16	18	57	1.00	37.55	16	18	101	1.01	38.78

6' WIDE ENCLOSED CORRIDOR W/ 3' PATH OF EGRESS									
BUG3 - 600 LUMENS					BUG6 - 1300 LUMENS				
MOUNTING HEIGHT	CEILING HEIGHT	SPACING (CENTER TO CENTER)	AVERAGE (≥ 1.0FC)	UNIFORMITY RATIO MAX / MIN (≤ 40:1)	MOUNTING HEIGHT	CEILING HEIGHT	SPACING (CENTER TO CENTER)	AVERAGE (≥ 1.0FC)	UNIFORMITY RATIO MAX / MIN (≤ 40:1)
7.5	9	83	1.02	38.08	7.5	9	117	1.06	38.92
9	11	81	1.03	34.23	9	11	113	1.05	38.50
10	12	79	1.01	32.21	10	12	111	1.05	39.86
12	14	77	1.01	32.53	12	14	108	1.04	39.73
14	16	71	1.01	37.15	14	16	104	1.05	39.63
16	18	63	1.00	38.91	16	18	101	1.04	39.00