



## BED EXIT NIGHT LIGHT

LSM PN 2012001-1.0

U. S. Pat. Pending

UL Certified Circuit Board

### SPECIFICATIONS

#### **INPUT VOLTAGE:**

Unit accepts either 120v or 277v supply voltages and is compatible with 120v or 277v lighting systems.

#### **SWITCHING CIRCUIT OPERATION VOLTAGE:**

Unit operates at 5vdc for digital logic and switching circuitry.

#### **TEMPERATURE RANGE:**

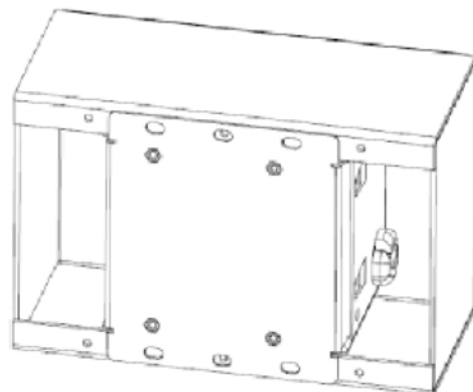
0 °C to 65 °C  
32 °F to 140 °F

#### **EXTERNAL WIRING:**

High voltage connections: 18ga stranded  
Low voltage connections: 22ga stranded

#### **DIMENSIONS:**

3.625" x 3.59" x 2.47" (HxDxW)



### MOUNTING

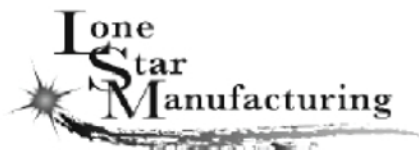
The unit has been designed for use with a 3-gang, 2.5" deep masonry box. Any standard three-gang face plate may be used to allow BENL to blend with any color scheme.

### WARNINGS

- 1) Thoroughly read all accompanying instructions and heed all warnings. LSM shall not be liable for any damage, injury, or death occurring due to misuse or misapplication.
- 2) All BENL devices must be installed by qualified electrician.

### DEVICE OPERATION

The BENL device allows the user to provide an additional layer of patient safety by switching on the patient room lighting if the patient attempts to exit the patient bed. The light will remain on until switched off by the patient or staff.



#### WIRING REQUIREMENTS:

Make high voltage connections to either 120v (E1, E2) or 277v (D1, D2) lighting circuits. Switched (Lighting) and unswitched (Line) connections must be the same voltage. Make low voltage connections to existing low-voltage lighting controller (A), (not included), nurse call bed exit alarm input (B) and bed exit alarm output from bed (C). Refer to wiring diagram for details.

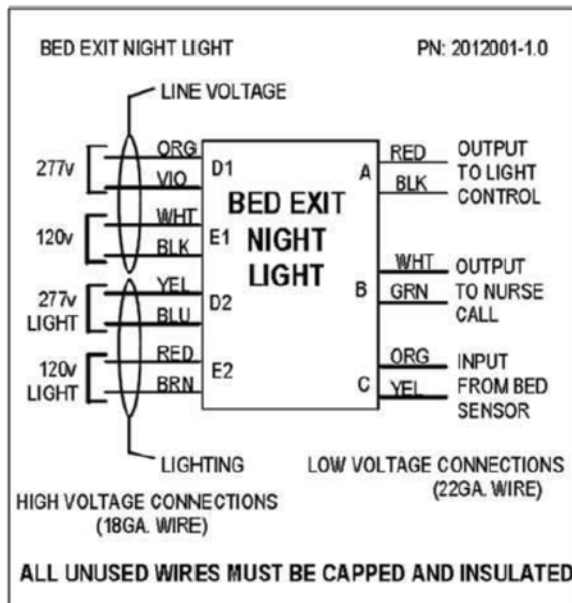
Install device in back box. Make wiring connections as indicated in wiring diagram. Cap and insulate unused wires. Install blank cover (not included) on back box.

#### WARRANTY:

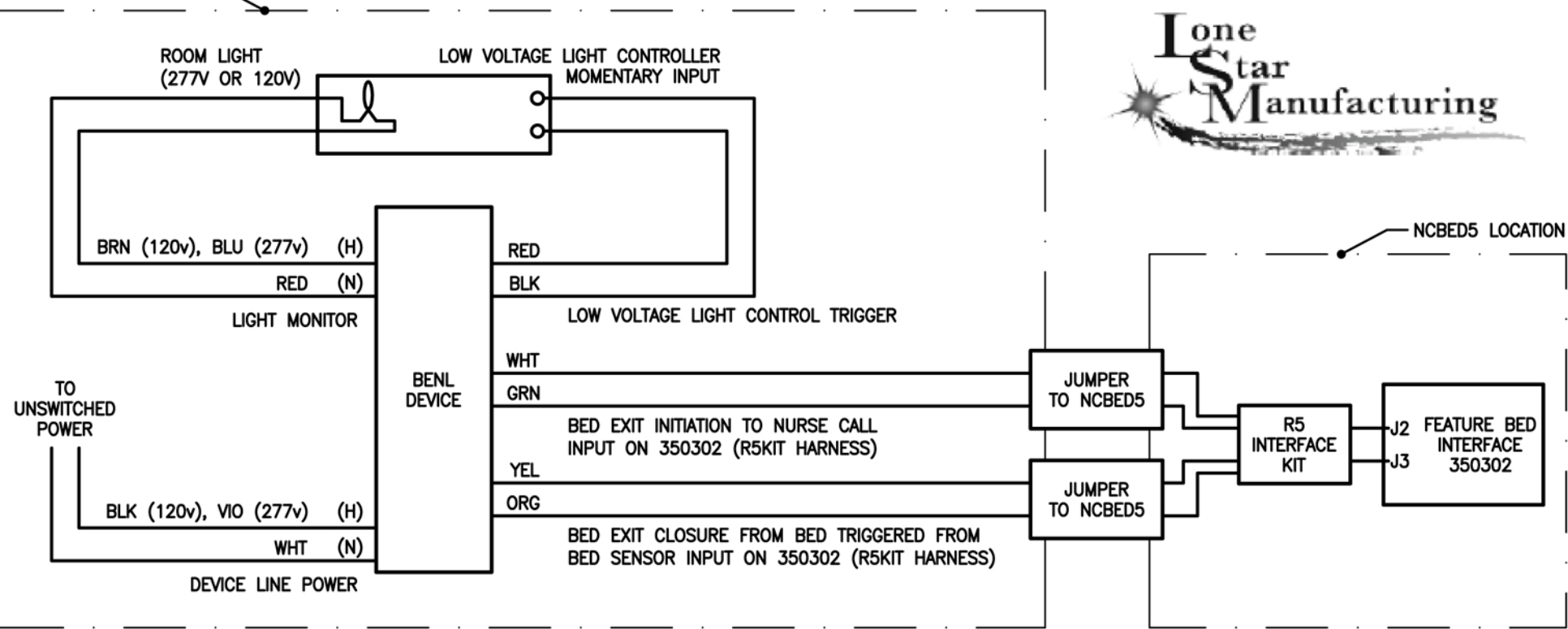
Lone Star Manufacturing warrants to the original purchaser that this Bed Exit Night Light Interface will be free of manufacturing defects for a period of 1 year from the date of shipment to the original purchaser. Lone Star Manufacturing, at its sole discretion, may: 1) repair the defective product; 2) replace the defective product with a new product; 3) replace the defective product with a similar or newer refurbished product. Warranty on repaired or replacement products will be no longer than the remainder of the original product warranty. Lone Star Manufacturing does not warrant this product for failure due to accident, casualty, misuse, abuse, fire, liquid damage, lightning, vandalism, tampering; improper installation, operation or maintenance; unauthorized service or repair. Lone Star Manufacturing shall not be liable for incidental or consequential damages.

Contact Lone Star Manufacturing for instructions before sending your product in for warranty service:  
Lone Star Manufacturing, 10525 County Road 105B, Grandview, TX 76050 P. (817) 866-3366  
lonestarmfg.com techsupport@lonestarmfg.com.

#### WIRING DIAGRAM:



ABOVE CEILING



# DEVICE OPERATION:

WHEN THE BENL RECEIVES A CONTACT CLOSURE FROM THE BED (YEL, ORG), A PULSE IS SENT TO THE LV LIGHT CONTROLLER (RED, BLK) & LATCHED CLOSURE IS SENT TO THE BED EXIT CALL INPUT ON THE R5 (GRN, WHT). THIS HAPPENS ONLY WHEN VOLTAGE IS NOT PRESENT ON THE LIGHT MONITOR PAIR (WHICH IMPLIES THE LIGHT IS NOT ENERGIZED). WHEN VOLTAGE IS PRESENT ON THE LIGHT MONITOR PAIR, ONLY THE LATCHED CLOSURE IS SENT TO THE NURSE CALL.

## AUTOMATIC BED-EXIT NIGHT LIGHT

NURSE CALL SYSTEM

TYPICAL DETAIL