

## E26 Stacklight

The **E26 Stacklight** provides a visual and/or audible status indication. Plug-in light modules consist of a lens with a diffuser for steady of flashing incandescent lamps or LEDs. Up to six color modules provide signals with 360 degree visibility. Flashing xenon tube lights and audible alarms are available.



### WARNING

**REMOVE POWER BEFORE DISASSEMBLING THE STACKLIGHT OR CHANGING LAMPS. THESE INSTRUCTIONS MUST BE READ AND CLEARLY UNDERSTOOD BEFORE INSTALLING OR OPERATING THIS EQUIPMENT. THIS EQUIPMENT IS TO BE INSTALLED AND SERVICED BY A TRAINED ELECTRICIAN.**

Mount the stacklight in the vertical position on a flat horizontal surface.

### Specifications

Lamp Type -	BA15d. 6 watts maximum (See page 5 for C-H lamp replacement catalog numbers)
Operating Temperature Range -	-20oC to 60oC (-4oF to 140oF)
Operating Humidity -	95% @ 40oC (104oF)
Storage Temperature -	-40oC to 80oC (-40oF to 176oF)

### IEC Ratings

Compliance -	IEC60947-5-1, EN60947-5-1
Degree of Protection against Electrical Contact for Stacklight -	IP2X
Degree of Protection against Electrical Contact for Alarm Unit -	IPOX
Rated Insulation Voltage (Ui) -	690V
Rated Operational Voltage (Ie) -	250 max
Rated impulse withstand voltage (Uimp) -	1.5Kv
Shock Resistance (IEC 68-2-27) -	
Without vibration damper fitted -	11ms, 15g
With vibration damper fitted -	18ms, 30g
Vibration (IEC 68-2-6) -	
Without vibration damper fitted -	
10 sweeps, 10-50Hz, 2g	
With vibration damper fitted -	
10 sweeps, 10-150Hz, 10g	
Bump (IEC 68-2-29) -	
Without vibration damper fitted -	
6ms duration, 1000 bumps, 15g	
With vibration damper fitted -	
6ms duration, 1000 bumps, 25g	

### Mounting and NEMA - IEC Enclosure Type Ratings

**Base Mounting** - For use on a flat surface of Type 1, 4, 4X, and 13 enclosures (IP65).

**Threaded 3/4" Conduit Mounting** - Use with a Myers ST-2 or ST-2CP hub, or suitable enclosure with threaded 3/4" NPT conduit entrance for Type 1, 4, 4X, and 13 enclosure ratings (IP65).

**Alarm Unit** - Enclosure Type 1 (IP20).

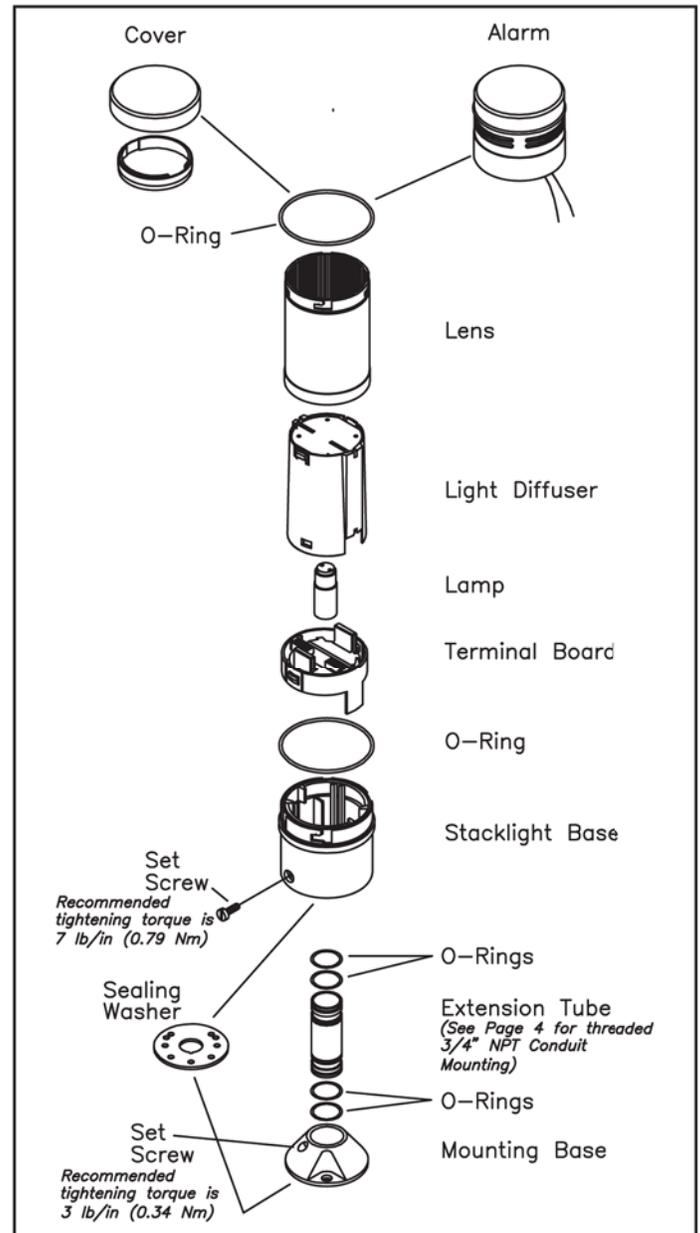


Fig. 1 Typical Stacklight Assembly (Exploded View)



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## Field Wiring

### Remove the Terminal Board for Wiring

Squeeze the locking clips one side at a time and pull up on the terminal board to disengage the locking tabs from the cutouts in the stacklight base. Repeat this procedure for the other locking clip. Lift the terminal board out of the stacklight base.

### Connect Field Wiring to Terminal Blocks

Connect field wiring per diagrams below. Terminals accept wire sizes 14AWG - 30AWG (2.5 sq mm - 0.05 sq mm) for single conductors and 18AWG to 26AWG (0.75 sq mm - 0.14 sq mm) for two conductors. Do not mix solid and stranded wire in the same terminal. Recommended tightening torque is 4.4 lb/in to 5.3 lb/in (0.5Nm to 0.6 Nm). After wiring is complete, proceed to "Assembly" on Page 3.

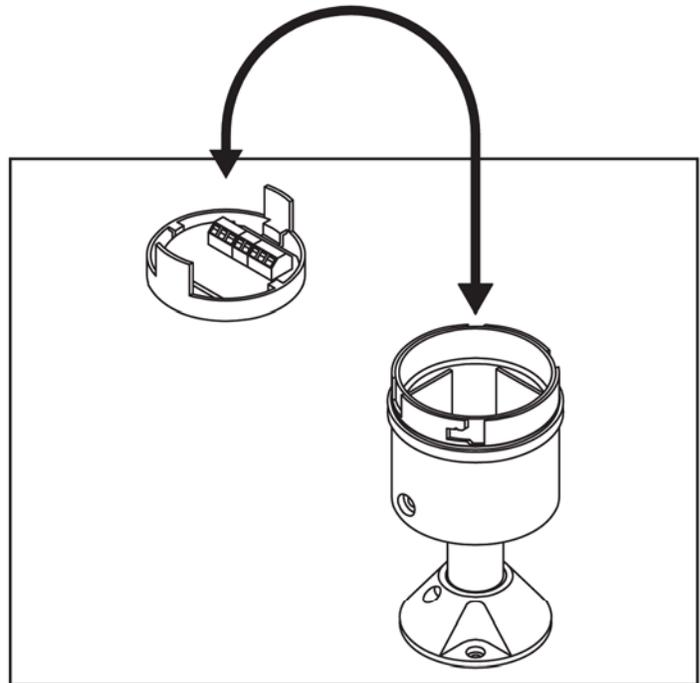


Fig. 2 ???

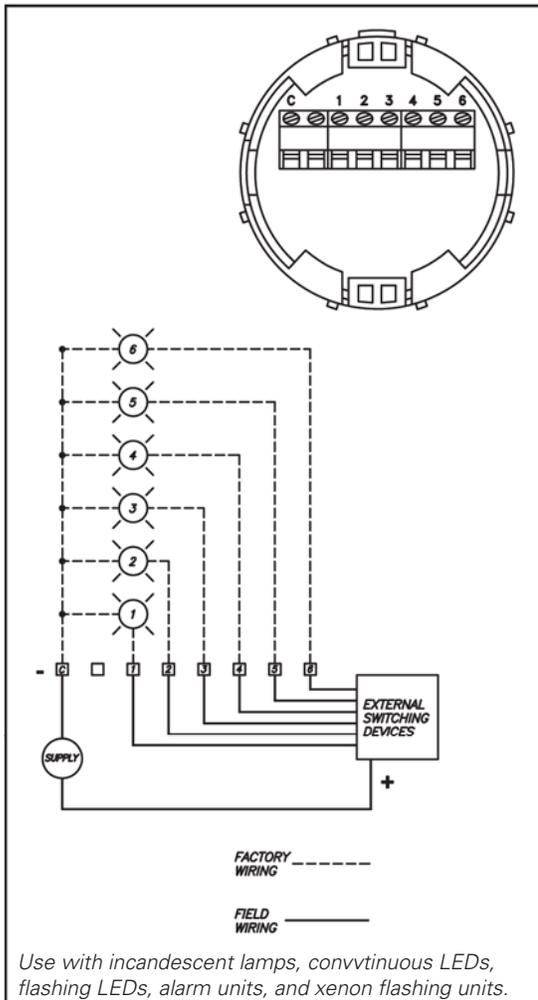


Fig. 3 Standard Base (Continuous Lights)

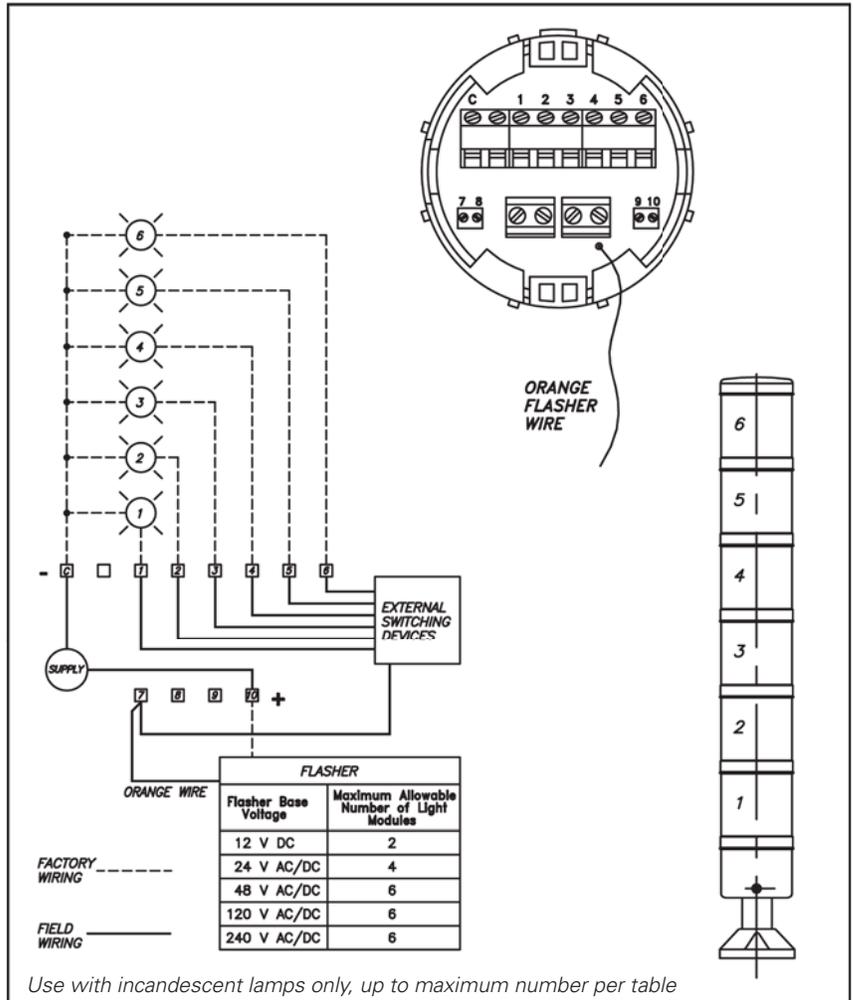


Fig. 4 Flashing Base

Continuous lights may be combined with flashing lights according to the wiring diagrams above.

**Assembly**

After wiring is complete, assemble light diffusers. While observing the orientation of the two guides, plug the light diffuser into the terminal connections in the stacklight base or previous diffuser. See Fig. 4.

Assemble lenses and cover by turning clockwise to engage the bayonets in the stacklight base or previous lens. See Fig. 5.

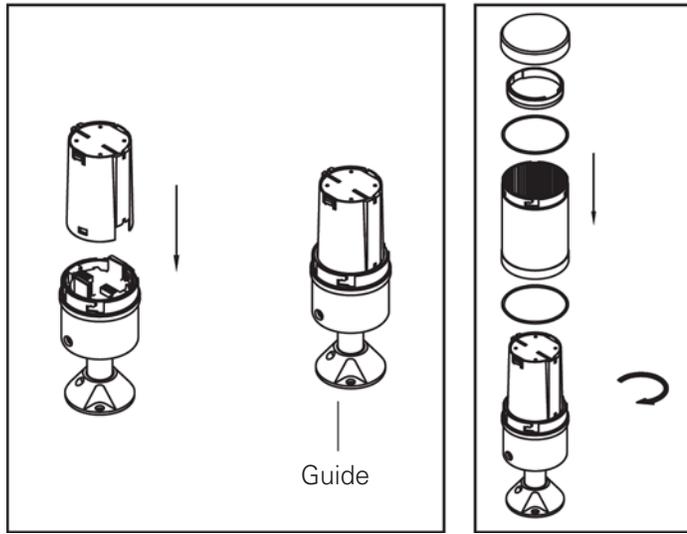


Fig. 4

Fig. 5



**WARNING**

**TURN OFF POWER BEFORE INSTALLING ALARM**

If an audible alarm is to be installed, connect the two leads from the alarm to the terminal connections at the innermost points on the connectors as shown in Fig. 6.

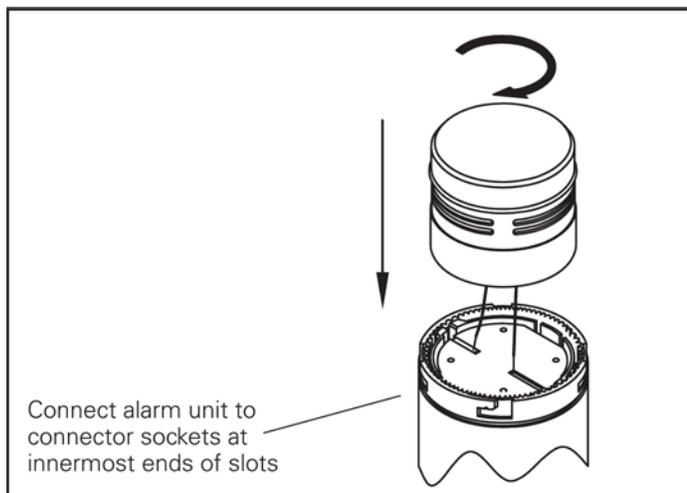
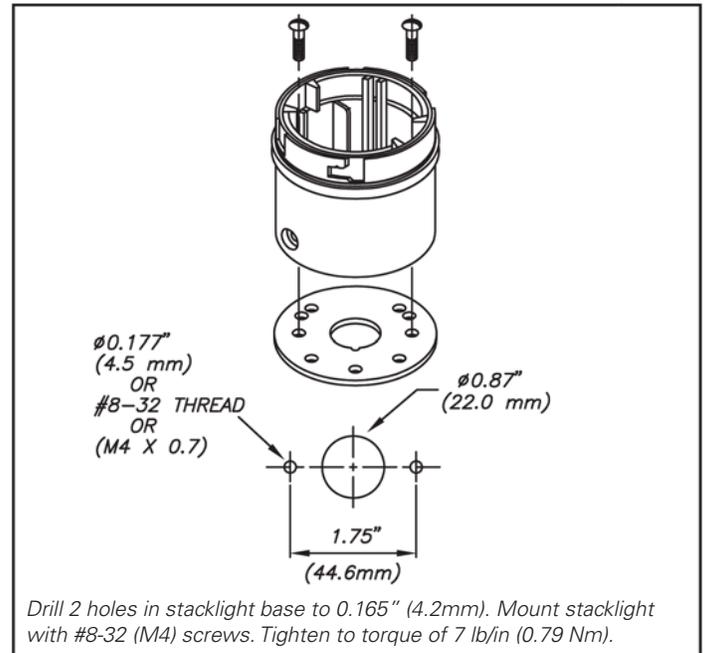


Fig. 6 Installing Alarm Unit

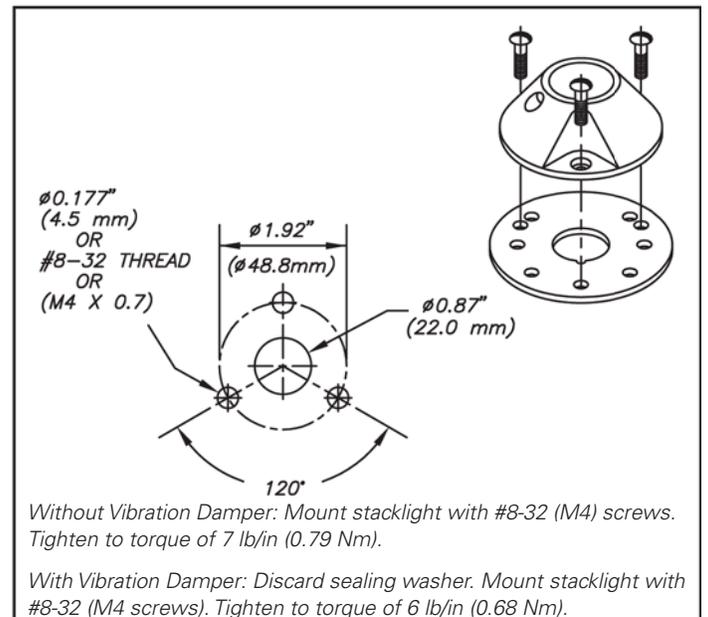
MAXIMUM COMBINATIONS OF STACKLIGHT MODULES			
Incandescent or LED Modules	Xenon Modules	Alarm Modules*	Maximum Number of Modules
6	--	--	6
5	--	1	6
4	1	--	5
3	1	1	5
2	2	--	4
1	2	1	4

\* Alarm must be the Top Module.



Drill 2 holes in stacklight base to 0.165" (4.2mm). Mount stacklight with #8-32 (M4) screws. Tighten to torque of 7 lb/in (0.79 Nm).

Fig. 7 Mounting Dimensions for Stacklight Base



Without Vibration Damper: Mount stacklight with #8-32 (M4) screws. Tighten to torque of 7 lb/in (0.79 Nm).

With Vibration Damper: Discard sealing washer. Mount stacklight with #8-32 (M4 screws). Tighten to torque of 6 lb/in (0.68 Nm).

Fig. 7 Mounting Dimensions for Mounting Base

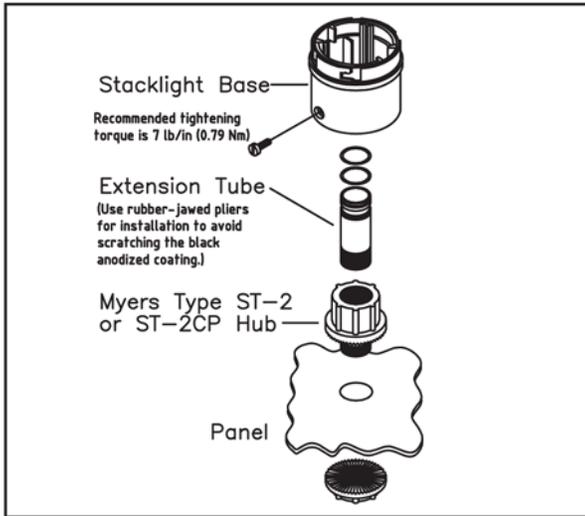


Fig. 9 Threaded 3/4" NPT Conduit Mounting

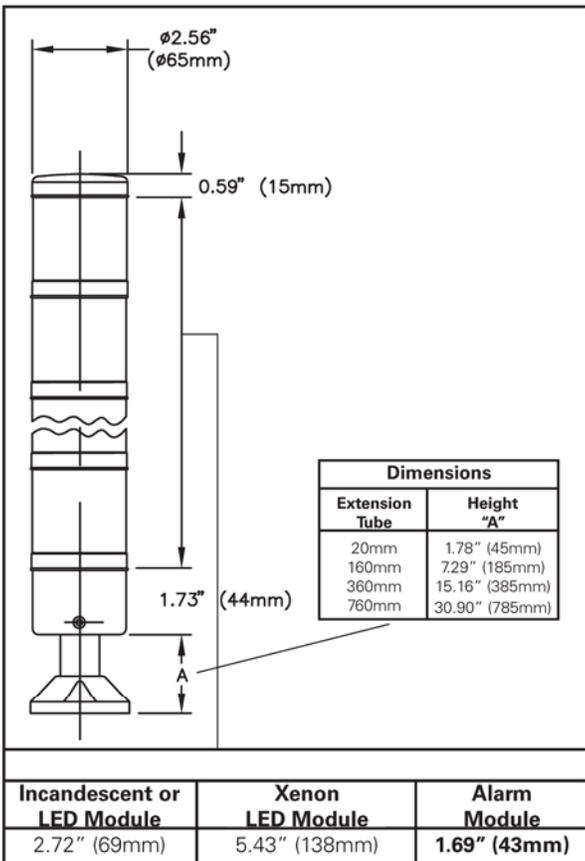


Fig. 10 Assembled Stacklight Dimensions

**Disassembly and Lamp Replacement**



**TURN OFF POWER BEFORE DISASSEMBLY!**

Remove lens by turning counterlockwise to disengage the bayonets.

Remove the light diffuser by pulling upwards to disengage the clips.

Replace lamp and reassemble in reverse order.

E22BA3 lamp removal tool is available to aid in lamp removal and installation.

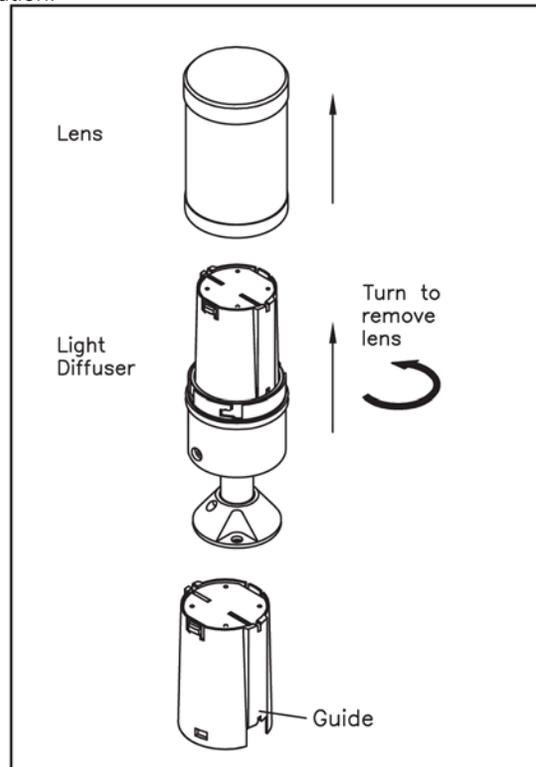


Fig. 11 ???

INCANDESCENT LAMP REPLACEMENT	
Description	Catalog No.
12V (BA15d) 6 watts	E26S8
24V (BA15d) 6 watts	E26S9
48V (BA15d) 6 watts	E26S10
110/130V (BA15d) 6 watts	E26S11
220/240V (BA15d) 6 watts	E26S12

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