

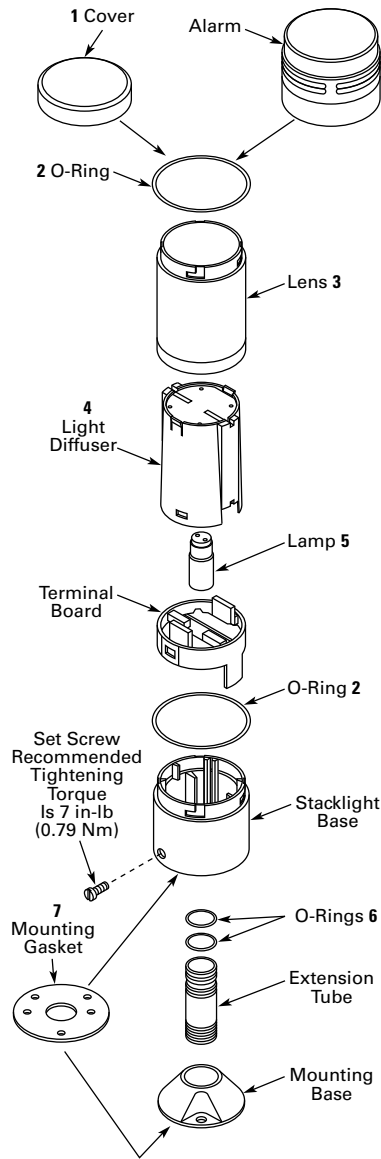
Replacement Parts

2

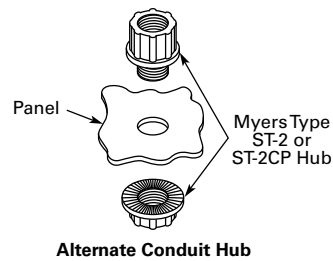
Stacklight Replacement Parts

Description	Notes	Number in Diagram	Catalog Number
Replacement cover	Normally included with stacklight base	1	E26S68
Replacement lens O-ring	Normally included with light modules	2	E26S106 ^①
Replacement lenses	Clear	3	E26S38
	Red		E26S39
	Green		E26S40
	Yellow		E26S41
	Blue		E26S42
	Amber		E26S43
Replacement Xenon strobe dual high (does not include lenses)	12 Vac/Vdc	4	E26S33
	24 Vac/Vdc		E26S34
	48 Vac/Vdc		E26S35
	120 Vac		E26S36
	240 Vac		E26S37
Replacement diffusers	White — normally supplied with incandescent light modules	4	E26S31
	Clear — normally supplied with LED light modules		E26S32
Replacement lamps ^②	12V	5	E26S8
	24V		E26S9
	48V		E26S10
	120V		E26S11
	240V		E26S12
Replacement extension tube O-rings	Normally included with extension tubes	6	E26S107 ^③
Replacement mounting gasket ^④	Normally included with stacklight base	7	E26S105
Lamp removal tool	For E26 and E22 incandescent lamps		E22BA3

Typical Stacklight Assemblies



Typical Stacklight Assembly (Exploded View)



Notes

- ① Sold in packages of 5 pieces.
- ② For replacement LEDs, see table on **Page V7-T2-37**.
- ③ Sold in packages of 10 pieces.
- ④ Mounting gaskets have two sets of mounting holes—one set with center-to-center spacing of 1.75 in (44.5 mm) and another set with center-to-center spacing of 1.65 in (42 mm).

Technical Data and Specifications

General Specifications

Description	Specification
Mechanical Ratings	
Shock (IEC 68-2-27)	11 ms, 15g
Vibration (IEC 68-2-6)	10 sweeps 10–150 Hz, 2g
Bump (IEC 68-2-29)	1000 pulses, 6 ms, 15g
Climate Conditions	
Operating	Maximum 104°F (40°C) at 95% RH, Temperature –4° to 140°F (–20° to 60°C)
Storage	Temperature –40° to 176°F (–40° to 80°C)
Materials	
Cover	Polycarbonate
Lenses	Polycarbonate
Stacklight base	Nylon
Extension tubes	Aluminum
Mounting base	Zinc die cast
Terminals	
Single conductor	14–30 AWG (2.5–0.05 mm ²)
Two conductors (same size)	18–26 AWG (0.75–0.14 mm ²) Do not mix solid and stranded wire in the same terminal
Recommended tightening torque	4.4–5.3 lb-in (0.5–0.6 Nm)
Electrical Ratings	
Insulation voltage (U _i)	690V
Operational voltage (U _o)	250V
Impulse withstand voltage (U _{imp})	1.5 kV
Bulb Specifications	
Incandescent lamp type	BA15d
Maximum lamp wattage	6W
Bulbs—average life	
Incandescent	7,000 to 12,000 hrs. (based on voltage)
Xenon flasher	20,000 hrs.
LED	60,000 to 100,000 hrs. (based on colors)
LED/Incandescent Comparison	
Incandescent lamps	Average operating life of 7,000 hours Each lamp can be used with any color lens Low cost results in short term savings
LED lamps	Average operating life of 60,000 to 100,000 hours Low power consumption Extended life results in long-term savings

Ratings

Published theoretical lamp lives are based on ideal laboratory conditions and should be used for comparison only. Actual life may be shorter due to various application conditions.

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Stacklight Incandescent Application Data

Type of Light	Lamp Used	Approximate Current, mA per Light	Theoretical Lamp Life, Hours as Applied
12V	BA15d	417	7,000
24V	BA15d	208	7,000
48V	BA15d	104	7,000
110–140V	BA15d	36–50	7,000
220–260V	BA15d	23–27	12,000

Xenon Flasher Application Data

Type of Light	Lamp Used	Approximate Current, mA per Light	Theoretical Lamp Life, Hours as Applied
12V	DC	460 mA	20,000
	AC	780 mA	20,000
24V	DC	190 mA	20,000
	AC	320 mA	20,000
48V	DC	100 mA	20,000
	AC	150 mA	20,000
120V	AC	60 mA ^①	20,000
240V	AC	30 mA ^①	20,000

LED Application Data

Type of Light	Color	Cluster LED Approximate Current, mA at Rated Volts	Cylindrical LED Approximate Current, mA at Rated Volts	Theoretical Lamp Life, Hours as Applied
Continuous/Flashing Stacklight LED				
12 Vac/Vdc	Red	92	92	100,000
	Amber	92	92	100,000
	Yellow	92	92	100,000
	Green	60	60	80,000
	Blue	60	60	60,000
	White	60	60	60,000
24 Vac/Vdc	Red	47	47	100,000
	Amber	47	47	100,000
	Yellow	47	47	100,000
	Green	59	59	80,000
	Blue	59	59	60,000
	White	59	59	60,000
48 Vac/Vdc	Red	25	25	100,000
	Amber	25	25	100,000
	Yellow	25	25	100,000
	Green	18	18	80,000
	Blue	31	31	60,000
	White	31	31	60,000
60 Vac/Vdc	Red	25	25	100,000
	Amber	25	25	100,000
	Yellow	25	25	100,000
	Green	18	18	80,000
	Blue	17	17	60,000
	White	17	17	60,000
120 Vac/Vdc	Red	24	24	100,000
	Amber	24	24	100,000
	Yellow	24	24	100,000
	Green	17	17	80,000
	Blue	16	16	60,000
	White	16	16	60,000

Note

^① Represents average current draw, 1.6A peak for 120V and 0.8A peak at 240V.

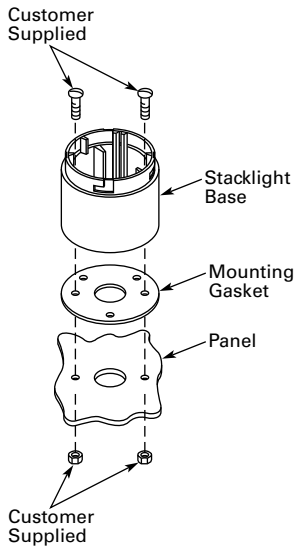
Mounting Instructions

Stacklight bases may be mounted without the use of an extension tube or mounting base. If additional height is required, choose

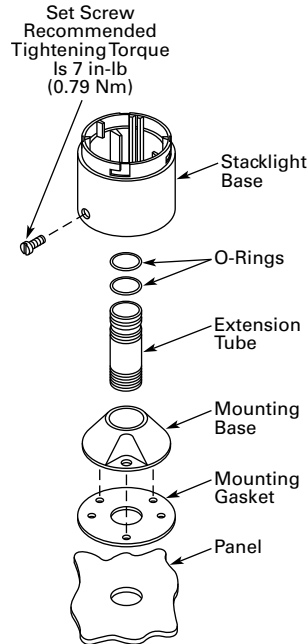
0.8–30 in (20–760 mm) extension tubes that fit between the mounting base and stacklight base. The extension tubes are threaded

with 3/4 in NPT threads, allowing for direct connection to conduit fittings or threaded holes without the use of a mounting base.

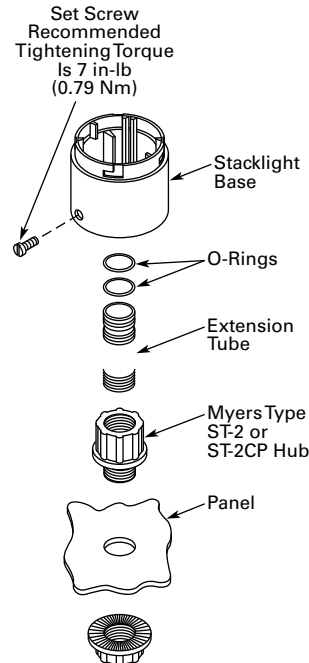
Base Mounting



Utilizing Extension Tube and Mounting Base



Utilizing Extension Tube and 3/4 In (19.1 mm) Conduit Hub

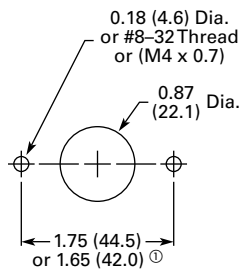


(Use Rubber-Jawed Pliers for Installation to Avoid Scratching the Black Anodized Coating)

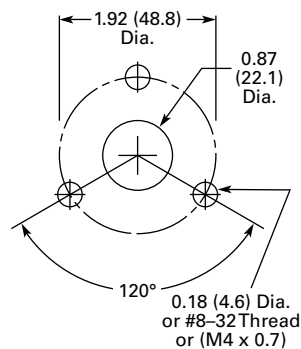
Mounting Dimensions

Approximate Dimensions in Inches (mm)

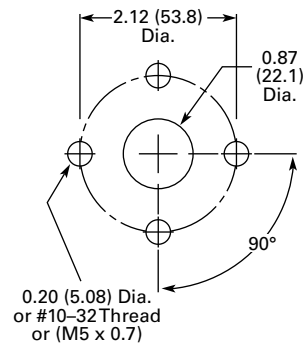
Base Mounting



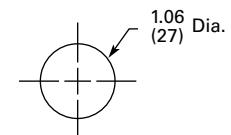
Three-Hole Mounting for E26S108



Four-Hole Mounting for E26S109



Conduit Hub for E26S104–3/4 In (19.1 mm)



Note

① Stacklight base and gasket are supplied as standard with two sets of base mount holes. One set with center-to-center spacing of 1.75 in (44.5 mm) and another set with center-to-center spacing of 1.65 in (42 mm).

2.2

Stacklights

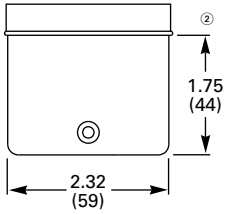
E26 Series

Dimensions

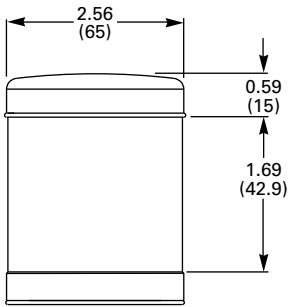
Approximate Dimensions in Inches (mm)

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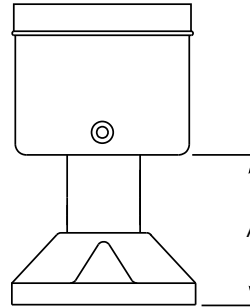
Standard and Flashing Bases ①



Alarm Units

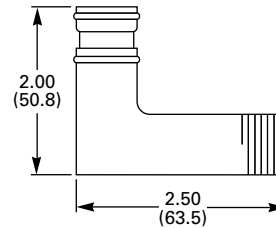


Assembled Extension Tubes



Tube Extension	Height A
0.79 (20)	1.77 (45)
6.30 (160)	7.28 (185)
14.17 (360)	15.16 (385)
29.92 (760)	30.91 (785)

Right Angle Extension Tubes



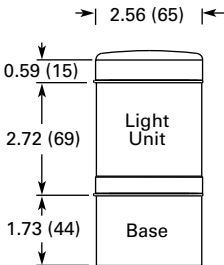
Notes

- ① Bases also suitable for mounting with extension tubes listed on **Page V7-T2-39**.
- ② Mounting gasket and cover are supplied as standard with stacklight bases.

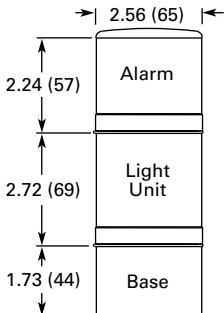
Approximate Dimensions in Inches (mm)

One-Light Unit Stacklight

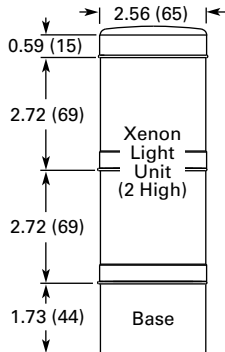
Standard



With Alarm

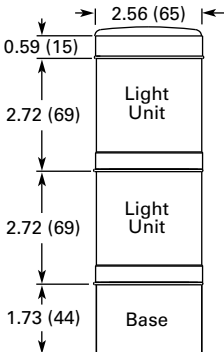


With Xenon Flasher

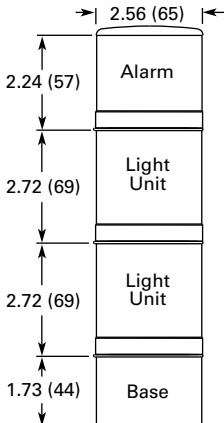


Two-Light Unit Stacklight

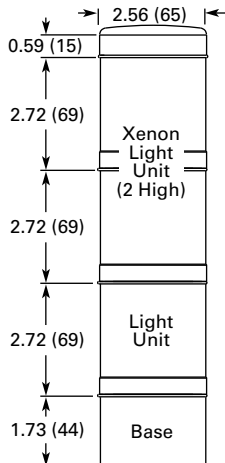
Standard



With Alarm



With Xenon Flasher



2.2

Stacklights

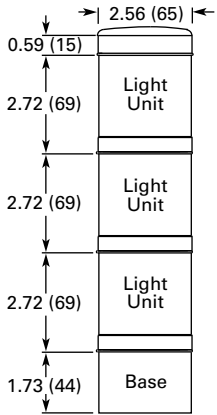
E26 Series

Approximate Dimensions in Inches (mm)

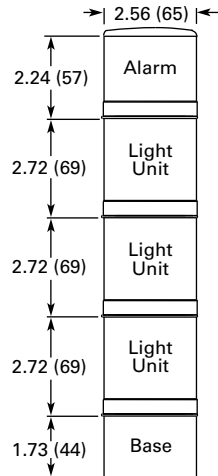
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Three-Light Unit Stacklight

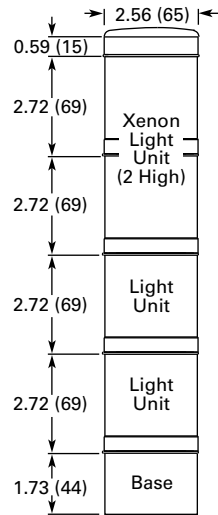
Standard



With Alarm

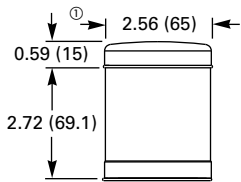


With Xenon Flasher

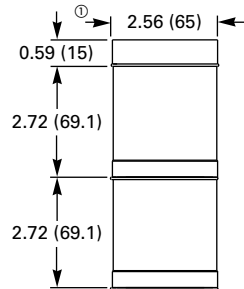


Light Modules

Standard



Xenon



Note

① Cover included with stacklight base.