

October 2005

Stacklights

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*Three-Light Unit Stacklight
with 60 mm Extension*

Product Description

Product Description

The E26 stacklight unit is a modular system that provides illuminated and audible status indication in all directions. Easily assembled plug-in modular units include constant, flashing and strobe light units, as well as mono-tonal, bi-tonal, intermittent alarm systems. Stacklights may be assembled in a variety of configurations, which are identified in the Maximum Configurations table on **Page 1-4**. Numerous lamp, colour and mounting options further enhance the stacklight's versatility.

Features

- Modular construction
- Six lens colours
- Variety of lamp types and voltages
- Mono-tonal, bi-tonal and intermittent alarm systems

Benefits

- Combination of visible and audible alarms
- Modular components reduce inventory requirements, increase flexibility
- Steady and flashing modes allow one light to signal multiple conditions
- No-tools assembly permits easy lamp replacement



Standard Base

Standard Stacklight Base

For use with incandescent or standard LED for steady, non-flashing illumination or with flashing LEDs for flashing illumination. Bases include terminal block for wiring, stacklight cover and gasket. See **Page 1-7**.



Flashing Base

Flashing Stacklight Base

Allows configuration of each light in the stack for either steady or 60 times per minute flashing illumination. Flashing circuit for use with incandescent lamps only. (Maximum allowable number of light modules is 2 at 12V, 4 at 24V and 6 at 48V and above.) See **Page 1-7**.

For flashing LEDs use standard base with flashing LED light module.



Light Module

Light Modules

Available in a variety of colours for both incandescent lamps and LED lamps. To maximize illumination and light dispersion, incandescent units include an opal white diffuser while LED diffusers are clear. See **Page 1-6**.



Xenon Strobe

Xenon Strobe

Sets are similar to standard lens/diffuser units, except each set consists of two lens units. The lower unit includes the electronics and is permanently fused to the upper unit which contains the Xenon lamp. Xenon units may be placed in any position in a complete stacklight unit. They will flash 60 times per minute when used with a standard or flashing base. See **Page 1-6**.



Alarm

Alarms

May be fitted to the top of a complete stacklight unit or directly to the stacklight bases, if desired. Available in three versions, each with adjustable sound levels. See **Page 1-8**.

Catalogue Number Selection

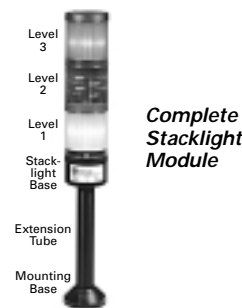
Catalogue Number Selection

Complete Stacklight Modules

- Stacklights accept a maximum of 6 incandescent or LED light modules or 2 Xenon Flasher modules and can be mounted in any position on the stack.
- Alarm units are mounted in the top most position only.

Table 1-4. Maximum Configurations

Incandescent or LED Modules	Xenon Modules	Alarm Modules	Max. Number of Modules
6	—	—	6
5	—	1	6
4	1	—	5
3	1	1	5
2	2	—	4
1	2	1	4



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Table 1-5. Stacklight Catalogue Numbering System

E 26 X 9 K M L 3 9 R W - V 4

Mounting Base ^⑤			Alarm			Voltage ^①	
Code	Description	Component Catalogue No.	Code	Description	Component Catalogue No. ^②	Code	Description
W	None (Base Mount)	—	W	None	—	V1	12V
4	3/4" NPT Hub, Chrome	E26S104	Q	Mono-Tonal	E26BQ_	V2	24V
8	Standard 3-Hole	E26S108	N	Bi-Tonal	E26BN_	V3	48V
9	Standard 4-Hole	E26S109	P	Intermittent	E26BP_	V4	120V
						V5 ^⑥	240V

Extension Tube ^④			Light Module		
Code	Description	Component Catalogue No.	Code	Description	Component Catalogue No. ^②
W	None (Base Mount)	—	0	Clear Incandescent	E26B0_
			2	Red Incandescent	E26B2_
			3	Green Incandescent	E26B3_
			4	Yellow Incandescent	E26B4_
			6	Blue Incandescent	E26B6_
			9	Amber Incandescent	E26B9_
			W	White Cluster LED with Clear Lens	E26BW_
			R	Red Cluster LED with Red Lens	E26BR_
			G	Green Cluster LED with Green Lens	E26BG_
			Y	Yellow Cluster LED with Yellow Lens	E26BY_
			B	Blue Cluster LED with Blue Lens	E26BB_
			A	Amber Cluster LED with Amber Lens	E26BA_
			W1	White Cylindrical LED with Clear Lens ^⑥	E26BW1_
			R1	Red Cylindrical LED with Red Lens ^⑥	E26BR1_
			G1	Green Cylindrical LED with Green Lens ^⑥	E26BG1_
			Y1	Yellow Cylindrical LED with Yellow Lens ^⑥	E26BY1_
			B1	Blue Cylindrical LED with Blue Lens ^⑥	E26BB1_
			A1	Amber Cylindrical LED with Amber Lens ^⑥	E26BA1_
			M	Flashing White Cluster LED with Clear Lens	E26BM_
			E	Flashing Red Cluster LED with Red Lens	E26BE_
			U	Flashing Green Cluster LED with Green Lens	E26BU_
			V	Flashing Yellow Cluster LED with Yellow Lens	E26BV_
			K	Flashing Blue Cluster LED with Blue Lens	E26BK_
			Z	Flashing Amber Cluster LED with Amber Lens	E26BZ_
			X0	Xenon Flasher with Clear Lens	E26BX0_
			X2	Xenon Flasher with Red Lens	E26BX2_
			X3	Xenon Flasher with Green Lens	E26BX3_
			X4	Xenon Flasher with Yellow Lens	E26BX4_
			X6	Xenon Flasher with Blue Lens	E26BX6_
			X9	Xenon Flasher with Amber Lens	E26BX9_

Stacklight Base		
Code	Description	Component Catalogue No. ^②
L	Standard	E26BL
F	Flashing ^③	E26BF_

- ^① If no voltage is specified, assembled stacklight will be supplied without lamps or LEDs.
- ^② Component Catalogue Numbers for flashing bases, alarm units and light modules are incomplete and require the addition of a Suffix Code to specify the required voltage rating. See table below.
- ^③ Flashing base is for use with incandescent lamps.
- ^④ For complete length (extension tube and base), see Page 1-8.
- ^⑤ Unless Base Mount is specified, an extension tube must be selected for a complete unit.
- ^⑥ 240V not available for cylindrical LEDs.

Table 1-6. Voltage Codes

Voltage Code	Incandescent Lamp	Cluster LED	Cylindrical LED	Xenon Flasher	Flasher Base/Alarm
(blank)	No Lamp Supplied	No LED Supplied	No LED Supplied	—	—
V1	12V AC/DC	12V AC/DC	12V AC/DC	12V AC/DC	12V AC/DC
V2	24V AC/DC	24V AC/DC	24V AC/DC	24V AC/DC	24V AC/DC
V3	48V AC/DC	48V AC/DC	48V AC/DC	48V AC/DC	48V AC/DC
V4	120V AC/DC	120V AC	120V AC	120V AC	120V AC/DC
V5	240V AC/DC	240V AC	—	240V AC	240V AC/DC

Components

Product Selection — Components

Light and Xenon Strobe Modules

- Light modules include lens diffusers which provide even illumination and eliminate hot spots.
- Xenon strobes emit a bright attention-getting white flashing light. Flash rate = 60/min.
- Xenon strobe modules occupy two positions in the Stacklight Assembly.

Light/LED
ModuleXenon Strobe
Module

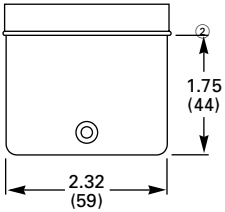
Table 1-10. Light and Xenon Strobe Modules (Include Lens, Diffusers and Lamps Unless Otherwise Noted)

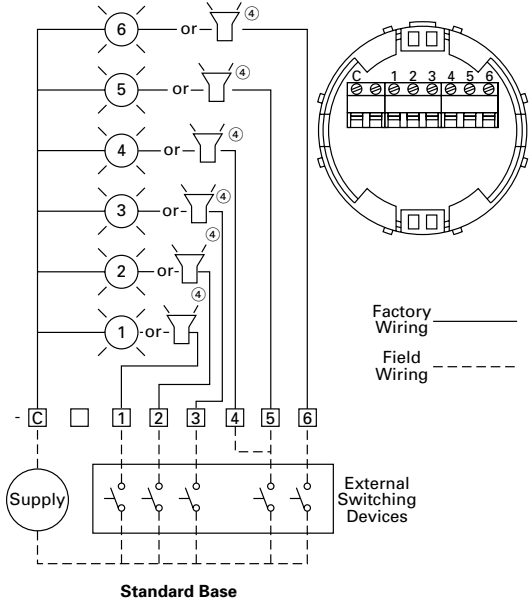
LED/Lamp Voltage	Lens Colour	Incandescent	Cylindrical LED	Cluster LED		Xenon
		Steady or Flashing	Steady Only	Steady	Flashing	Flashing
		Catalogue Number	Catalogue Number	Catalogue Number	Catalogue Number	Catalogue Number
Without Bulb or LED	Red	E26B2	E26BR	E26BR	E26BR	—
	Green	E26B3	E26BG	E26BG	E26BG	—
	Yellow	E26B4	E26BY	E26BY	E26BY	—
	Blue	E26B6	E26BB	E26BB	E26BB	—
	Amber	E26B9	E26BA	E26BA	E26BA	—
	Clear	E26B0	E26BW	E26BW	E26BW	—
12V AC/DC	Red	E26B2V1	E26BR1V1	E26BRV1	E26BEV1	E26BX2V1
	Green	E26B3V1	E26BG1V1	E26BGV1	E26BUV1	E26BX3V1
	Yellow	E26B4V1	E26BY1V1	E26BYV1	E26BVV1	E26BX4V1
	Blue	E26B6V1	E26BB1V1	E26BBV1	E26BKV1	E26BX6V1
	Amber	E26B9V1	E26BA1V1	E26BAV1	E26BZV1	E26BX9V1
	Clear	E26B0V1	E26BW1V1	E26BWV1	E26BMV1	E26BX0V1
24V AC/DC	Red	E26B2V2	E26BR1V2	E26BRV2	E26BEV2	E26BX2V2
	Green	E26B3V2	E26BG1V2	E26BGV2	E26BUV2	E26BX3V2
	Yellow	E26B4V2	E26BY1V2	E26BYV2	E26BVV2	E26BX4V2
	Blue	E26B6V2	E26BB1V2	E26BBV2	E26BKV2	E26BX6V2
	Amber	E26B9V2	E26BA1V2	E26BAV2	E26BZV2	E26BX9V2
	Clear	E26B0V2	E26BW1V2	E26BWV2	E26BMV2	E26BX0V2
48V AC/DC	Red	E26B2V3	E26BR1V3	E26BRV3	E26BEV3	E26BX2V3
	Green	E26B3V3	E26BG1V3	E26BGV3	E26BUV3	E26BX3V3
	Yellow	E26B4V3	E26BY1V3	E26BYV3	E26BVV3	E26BX4V3
	Blue	E26B6V3	E26BB1V3	E26BBV3	E26BKV3	E26BX6V3
	Amber	E26B9V3	E26BA1V3	E26BAV3	E26BZV3	E26BX9V3
	Clear	E26B0V3	E26BW1V3	E26BWV3	E26BMV3	E26BX0V3
120V AC ①	Red	E26B2V4	E26BR1V4	E26BRV4	E26BEV4	E26BX2V4
	Green	E26B3V4	E26BG1V4	E26BGV4	E26BUV4	E26BX3V4
	Yellow	E26B4V4	E26BY1V4	E26BYV4	E26BVV4	E26BX4V4
	Blue	E26B6V4	E26BB1V4	E26BBV4	E26BKV4	E26BX6V4
	Amber	E26B9V4	E26BA1V4	E26BAV4	E26BZV4	E26BX9V4
	Clear	E26B0V4	—	E26BWV4	E26BMV4	E26BX0V4
240V AC ①	Red	E26B2V5	—	E26BRV5	E26BEV5	E26BX2V5
	Green	E26B3V5	—	E26BGV5	E26BUV5	E26BX3V5
	Yellow	E26B4V5	—	E26BYV5	E26BVV5	E26BX4V5
	Blue	E26B6V5	—	E26BBV5	E26BKV5	E26BX6V5
	Amber	E26B9V5	—	E26BAV5	E26BZV5	E26BX9V5
	Clear	E26B0V5	—	E26BWV5	E26BMV5	E26BX0V5

① Incandescent bulbs are AC/DC rated, LEDs are AC rated only.

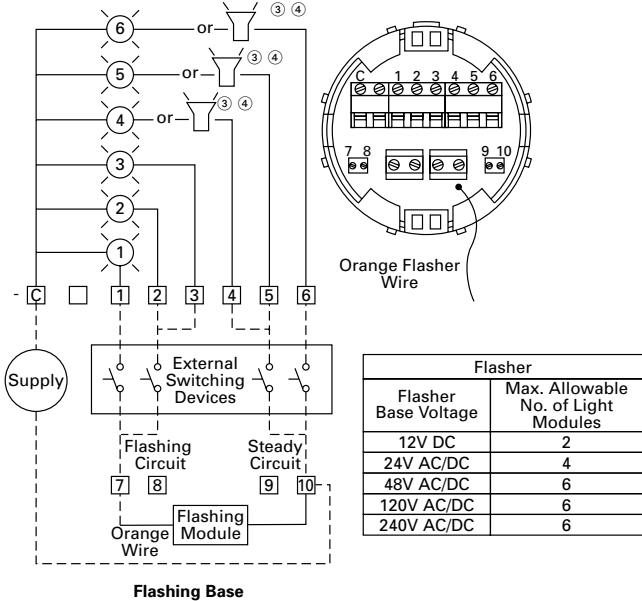
Components — Bases, Mounting

Table 1-11. Standard and Flashing Bases

	Description	Voltage	Catalogue Number	Approximate Dimensions in Inches (mm) ①
	Standard Base For use with steady incandescent or steady/ flashing LED	12V AC/DC to 240V AC/DC	E26BL	
	Flashing Base Enables configuration of incandescent light modules for steady or flashing operation	12V DC 24V AC/DC 48V AC/DC 120V AC/DC 240V AC/DC	E26BFV1 E26BFV2 E26BFV3 E26BFV4 E26BFV5	



Standard Base





Flasher	
Flasher Base Voltage	Max. Allowable No. of Light Modules
12V DC	2
24V AC/DC	4
48V AC/DC	6
120V AC/DC	6
240V AC/DC	6

Flashing Base

- ① Bases also suitable for mounting with extension tubes listed on Page 1-8.
- ② Mounting gasket and cover are supplied as standard with stacklight bases.
- ③ Audible alarm units must be wired via the steady circuit on flashing base units.
- ④ Audible alarm units can be wired in positions as shown but only one unit is permitted on each stack and unit must occupy the last or top mounting position.

Table 1-12. Mounting Bases and Hubs

	Description	Catalogue Number
	Mounting Base Standard 3-Hole Mounting Base	E26S108
	Standard 4-Hole Mounting Base	E26S109
	Myers Type Hub 3/4" NPT Threaded Hub	E26S104

Components — Alarm Units, Extension Tubes

Table 1-13. Alarm Units

Description	Voltage	Catalogue Number	Approximate Dimensions in Inches (mm)
Audible Alarms — NEMA Type 1 (IP20) — Volume Adjustment Range: 64 dB to 90 dB Typical Current Draw (mA):			
Mono-Tonal			
4.5 mA	12V AC/DC	E26BQV1	
12.6 mA	24V AC/DC	E26BQV2	
9.4 mA	48V AC/DC	E26BQV3	
11.5 mA	120V AC/DC	E26BQV4	
5.1 mA	240V AC/DC	E26BQV5	
Bi-Tonal			
4.5 mA	12V AC/DC	E26BNV1	
12.6 mA	24V AC/DC	E26BNV2	
9.4 mA	48V AC/DC	E26BNV3	
11.5 mA	120V AC/DC	E26BNV4	
5.1 mA	240V AC/DC	E26BNV5	
Intermittent			
4.5 mA	12V AC/DC	E26BPV1	
12.6 mA	24V AC/DC	E26BPV2	
9.4 mA	48V AC/DC	E26BPV3	
11.5 mA	120V AC/DC	E26BPV4	
5.1 mA	240V AC/DC	E26BPV5	



1

Table 1-14. Extension Tubes

Description	Voltage	Catalogue Number	Approximate Dimensions in Inches (mm)																						
<p>Extension Tubes For use with Standard Mounting Base or 3/4" NPT Threaded Hub — Grey Aluminum</p> <p>Extension "A" in Inches (mm):</p> <table border="1"> <tr><td>0.79 (20) Extension</td><td>—</td><td>E26BHM</td></tr> <tr><td>6.30 (160) Extension</td><td>—</td><td>E26BJM</td></tr> <tr><td>14.17 (360) Extension</td><td>—</td><td>E26BKM</td></tr> <tr><td>29.92 (760) Extension</td><td>—</td><td>E26BMM</td></tr> </table>	0.79 (20) Extension	—	E26BHM	6.30 (160) Extension	—	E26BJM	14.17 (360) Extension	—	E26BKM	29.92 (760) Extension	—	E26BMM			<p>Assembled Dimensions in Inches (mm)</p> <table border="1"> <thead> <tr> <th>Tube Extension</th> <th>Height A</th> </tr> </thead> <tbody> <tr><td>0.79 (20)</td><td>1.77 (45)</td></tr> <tr><td>6.30 (160)</td><td>7.28 (185)</td></tr> <tr><td>14.17 (360)</td><td>15.16 (385)</td></tr> <tr><td>29.92 (760)</td><td>30.91 (785)</td></tr> </tbody> </table>	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)
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<p>Extension Tubes For use with Standard Mounting Base or 3/4" NPT Threaded Hub — Black Aluminum</p> <p>Extension "A" in Inches (mm):</p> <table border="1"> <tr><td>0.79 (20) Extension</td><td>—</td><td>E26BHU</td></tr> <tr><td>6.30 (160) Extension</td><td>—</td><td>E26BJU</td></tr> <tr><td>14.17 (360) Extension</td><td>—</td><td>E26BKU</td></tr> <tr><td>29.92 (760) Extension</td><td>—</td><td>E26BMU</td></tr> </table>	0.79 (20) Extension	—	E26BHU	6.30 (160) Extension	—	E26BJU	14.17 (360) Extension	—	E26BKU	29.92 (760) Extension	—	E26BMU													
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29.92 (760) Extension	—	E26BMU																							
Right Angle Extension Tube		E26BRU	<p>Right Angle Extension Tube</p>																						