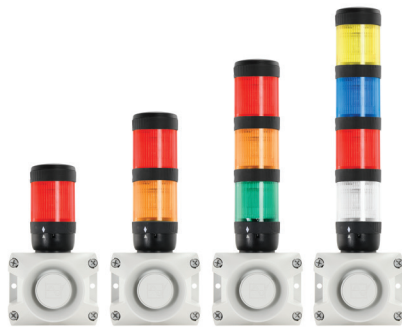# STACKLIGHT-2

### Key Features

- 24 VDC or 120 VAC Xenon flashing light modules
- IP65 for high-pressure spray and outdoor applications
- Flashing Xenon light modules display at-a-glance alarm status
- 105 dB buzzer
- User selectable audible tone
- 2.12" (54mm) fluted light modules allow for easy viewing even in sunlight
- Separate buzzer and light circuits allow for multiple wiring configurations
- Corrosion, weather, and washdown area safe
- Custom configurations available (up to 5 light modules)
- Green light module is non-flashing LED for long life

## Our loudest, most visible, most indestructable stacklight yet.

The omni-directional Xenon high-intensity lights and 105 dB buzzer provide vital life-safety information to protect your personnel. An internal volume adjust allows the volume to be turned down to 85dB. The differentiated colors also provide crucial indications as to the severity of the leak situation.

Housed in durable polycarbonate modules, the bright Xenon bulbs should provide years of maintenance free life. The 105 dB buzzer, the loudest compact buzzer in the industry, comes standard and has selectable settings for different tones to suit your needs.

The StackLight buzzer and light modules have an IP65 rating (dust tight and protected against heavy seas or powerful jets of water). One conduit hole at the bottom of the enclosure allows for or ½" EMT conduit mount or panel mount installation.

## SPECIFICATIONS

Due to ongoing research and product improvement, specifications are subject to change

**OPERATING TEMPERATURE:** -22°F to +130°F

**SOUND OUTPUT:** 105 dB @ 1 meter

**SOUND FREQUENCY:** Selectable (dip switch configured)

**FLASH TYPE:** Flashing (62 fpm) (Green LED module is non-flashing)

**POWER:** *24 VDC*, (150 mA max each light module (100 mA avg) (green LED: 30 mA max); 80 mA buzzer)

**POWER:** *120 VAC*, (30 mA max each light module; 30 mA buzzer)

**MATERIAL:** Polycarbonate lens covers, ABS buzzer

**PROTECTION DEGREE:** IP 65

**CERTIFICATIONS:** UL listed, CE certified

### Configurations
Many other configurations available.

**Order #:**

**24 VDC**
- SL2-24-R-B   (red module)
- SL2-24-AR-B   (amber and red modules)
- SL2-24-GAR-B   (green, amber, and red modules)
- SL2-24-BWAR-B   (blue, white, amber, and red modules)
- SL2-24-BGAR-B   (blue, green, amber, and red modules)
- SL2-24-GWAR-B   (green, white, amber, and red modules)

**120 VAC**
- SL2-120-R-B   (red module)
- SL2-120-AR-B   (amber and red modules)
- SL2-120-GAR-B   (green, amber, and red modules)
- SL2-120-BWAR-B   (blue, white, amber, and red modules)
- SL2-120-BGAR-B   (blue, green, amber, and red modules)
- SL2-120-GWAR-B   (green, white, amber, and red modules)

**CALIBRATION TECHNOLOGIES INC.**
*GAS DETECTION SPECIALISTS*

The SL2 series stacklights are designed for visual and audible signaling in order to display the real-time status of the gas detection system. Up to 5 light modules can be combined into one stacklight assembly.

*Below is an example configuration:*

**Green Light On (LED)**
Steady on. No leaks detected. Gas concentration is below the low alarm level. Workplace assumed safe for personnel. Turns off upon alarm.

**Amber Light Flashing (Xenon)**
Low alarm level reached. Gas concentration may require limited time allowable for personnel. Emergency ventilation if possible.

**Red Light Flashing (Xenon)**
High alarm level reached. Gas concentration dangerous. Evacuation and equipment shutdown may be required.

**Audible Alarm (105dB)**
High alarm level reached. Gas concentration dangerous. Evacuation and equipment shutdown may be required.

## Light Module
High alarm visual indicator, red Flashing

## Light Module
Low alarm visual indicator, amber Flashing

## Light Module
System normal visual indicator, green Steady

## Wiring Module
Contains screw terminals for light module wiring

## Audible Alarm
High alarm audio signaling buzzer and wiring terminals for buzzer

## Light Module and Buzzer Wiring
"-/N" terminal is Common to all connected modules. Numbers 1 through 5 refer to the modules, from the base to the top.

-/N = Common (power supply ground)
1+/L = Power for first light module
2+/L = Power for second light module
3+/L = Power for third light module
4+/L = Power for fourth light module
5+/L = Power for fifth light module

For buzzer wiring: (circuit board inside buzzer enclosure)
120 VAC: Connect Neutral to either +N terminal
120 VAC: Connect Line to either -L terminal
24 VDC: Connect +24 to either +N terminal
24 VDC: Connect Ground to either -L terminal

## Available Colors

Green
Amber
Yellow
Blue
Red
White