

## STACKLIGHT



### Key Features

- Flashing colored light modules display at-a-glance alarm status
- User selectable horn tone – continuous or temporal pattern
- Fluted light modules allow for easy viewing even in sunlight
- LEDs provide 50,000 hours working life for zero maintenance
- 24 VDC with low power consumption
- Separate horn and light circuits allow for multiple wiring configurations
- Corrosion, weather and washdown area safe

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At-a-glance information for the ultimate in personnel protection.

A must-have for any toxic gas alert system.

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The Omni-directional LED lights and horn provide vital life-safety information to protect your personnel. The differentiated colors also provide crucial indications as to the severity of the leak situation.

Housed in durable polycarbonate modules, the bright LEDs provide over 50,000 work ours of maintenance free life. The 100dB horn comes standard and has selectable settings for continuous tone or a temporal pattern tone.

The Stack Light casing has a sealant rating of IP 55 (total ingress protection from dust and water spray from any direction). The ½" NPT conduit adaptor allows for and easy junction box or panel mounting.

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### SPECIFICATIONS

**OPERATING TEMPERATURE:** -10°F to 125°F

**SOUND OUTPUT:** 100 dB @ 10 ft

**FLASH TYPE:** Flashing (84 fpm) (Green LED module is non-flashing)

**POWER:** +24 VDC, (40 mA max each LED module; 180 mA buzzer)

**MATERIAL:** Polycarbonate

# STACKLIGHT

The audible LED stack lights are designed for visual and audible signaling in order to display the real-time status of the gas detection system.

Up to 7 modules can be combined into one stacklight assembly.

Below is an example configuration:

## Green Light On (optional)

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. Low alarm level reached. Gas concentration may require limited time allowable for personnel. Emergency ventilation if possible.

## Red Light

Flashing. High alarm level reached. Gas concentration dangerous. Evacuation and equipment shutdown may be required.

## Audible Alarm

High alarm level reached. Gas concentration dangerous. Evacuation and equipment shutdown may be required.



## Audible Alarm

High alarm audio signaling buzzer  
Temporal or Steady

## LED Module

High-alarm visual indicator, red  
Flashing

## LED Module

Low-alarm visual indicator, amber  
Flashing

## LED Module

System normal visual indicator, green  
Steady

## Wiring Module

Contains screw terminals and wiring

## Conduit Mount Base

1/2" NPT fitting for conduit hole mount

## Ordering Information

Standard **Stacklight** packages are listed below. Each stacklight comes standard with (1) buzzer, (1) base wiring module, (1) conduit mount base, and LED modules of your choice. Custom configurations are available, but lead times are typically 2-3 weeks. Use the model number below to order.

**Model number:** **SL-24-F-R-B** (red module)  
**SL-24-F-AR-B** (amber and red modules)  
**SL-24-F-GAR-B** (green, amber and red modules (as shown))  
**SL-24-F-BWAR-B** (blue, white, amber and red modules)  
**SL-24-F-BGAR-B** (blue, green, amber and red modules)  
**SL-24-F-GWAR-B** (green, white, amber and red modules)

Other options and replacement parts available. Contact Calibration Technologies for a quote.



## Wiring Module

"C" terminal is Common to all connected modules. Numbers 1 through 7 refer to the modules, from the base to the top.

C = Common (Power supply ground)  
1 = +24VDC for first module  
2 = +24VDC for second module  
3 = +24VDC for third module  
4 = +24VDC for fourth module  
5 = +24VDC for fifth module  
6 = +24VDC for sixth module  
7 = +24VDC for seventh module