STACKLIGHT

Key Features

- Offered in 24VDC and 120VAC.
- LEDs provide 50,000 hours working life for zero maintenance
- 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
- Separate horn and light circuits allow for multiple wiring configurations
- Corrosion, weather, and washdown area safe
- Custom configurations available

At-a-glance information for the ultimate in personnel protection. A must-have for any toxic gas alert system.

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 hours of maintenance free life. The 100dB horn comes standard and has selectable settings for continuous tone or a temporal pattern tone.

The StackLight casing has a sealant rating of IP55 (total ingress protection from dust and water spray from any direction). The two mounting adaptors allow easy panel mount or ½" EMT conduit mount installation.

SPECIFICATIONS

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

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

SOUND OUTPUT: 100 dB @ 10 ft

SOUND FREQUENCY: 2500 to 2900 Hz (temporal or steady)

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

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

POWER: *+120 VAC*, (10 mA max each LED module; 50 mA buzzer)

MATERIAL: polycarbonate

PROTECTION DEGREE: IP 64

UL LISTED

Configurations
Custom configurations available.

Order #:
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)
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)

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

CALIBRATION TECHNOLOGIES INC.
GAS DETECTION SPECIALISTS

The audible LED StackLights 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

90 degree mount available upon request

Mounting Adaptors Included
7/8" threaded male adaptor for panel mount and ½" EMT conduit compression fitting included.

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 = +24 VDC for first module
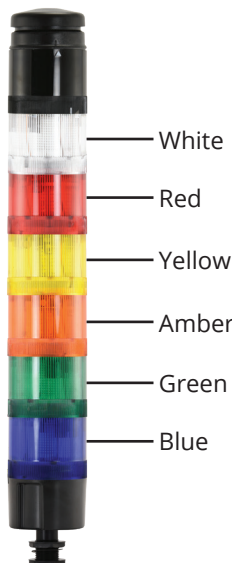2 = +24 VDC for second module
3 = +24 VDC for third module
4 = +24 VDC for fourth module
5 = +24 VDC for fifth module
6 = +24 VDC for sixth module
7 = +24 VDC for seventh module

Available Colors

White
Red
Yellow
Amber
Green
Blue