

# Machine monitoring amplified

Eaton's modular and robust stacklight



*Powering Business Worldwide*

# Eaton's SL Series stacklights attention- grabbing performance

- Tool-free assembly
- Customizable configurations
- Compliant with global performance standards
- Reliable audible and visual signaling



# From the control panel to the peripherals

Eaton's SL7 and SL4 stacklights allow you to monitor your entire machine at a glance. These optimized stacklights now guarantee even better control over all key processes and allow increased availability for your equipment.



SL4 and SL7 stacklights

## The SL7 and SL4 stacklights

With the ability to display up to five processes at once, Eaton stacklights allow for safe, convenient control. Versatile mounting hardware provides for quick installation and minimized downtime. With the highest environmental ratings in the industry, the stacklights are designed for reliable performance in demanding industrial applications. Used in conjunction with SmartWire-DT<sup>®</sup>, Eaton's intelligent control panel wiring solution, the stacklights provide immediate notification and allow for optimal performance.

## Highlights

- Modular, easily configurable
- Rugged yet aesthetic design
- Simplified assembly and mounting
- Highly visible LED lighting with multiple lighting variants
- Loud acoustic modules with adjustable volume
- Available in 70 and 40 mm sizes

[Eaton.com/sl](https://www.eaton.com/sl)

# Reliable system monitoring

As noise levels and distractions in today's production facilities continue to increase, a stacklight with the ability to demand your immediate attention is of utmost importance. You can count on the innovative audible and visual features of Eaton's SL series stacklights to keep you informed more reliably than ever before.

## Lighting

- High performance LEDs for maximum visibility
- Continuous, flashing, strobe and multi-strobe lighting modes
- Six vibrant colors—red, yellow, green, blue, clear and amber
- Incandescent lamp options available
- IP66-rated modules

Six color choices



Lenses are quickly interchangeable with no tools required



## Acoustics

- IP66-rated modules
- Adjustable volume control
- Audible up to 100 dB on SL7, 80 dB for SL4
- Mono-tone, dual-tone and multi-tone options
- Eight selectable, attention-grabbing sound tones

## Multi-tone sound types

- Continuous
- Falling
- Alternating
- Pulse
- Rising
- Rising/falling

Three innovative modules designed to suit your acoustic requirements



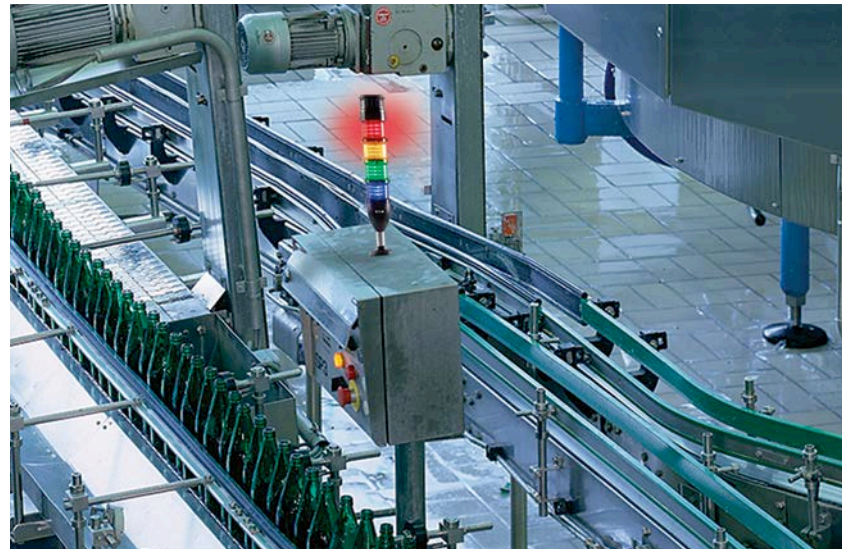
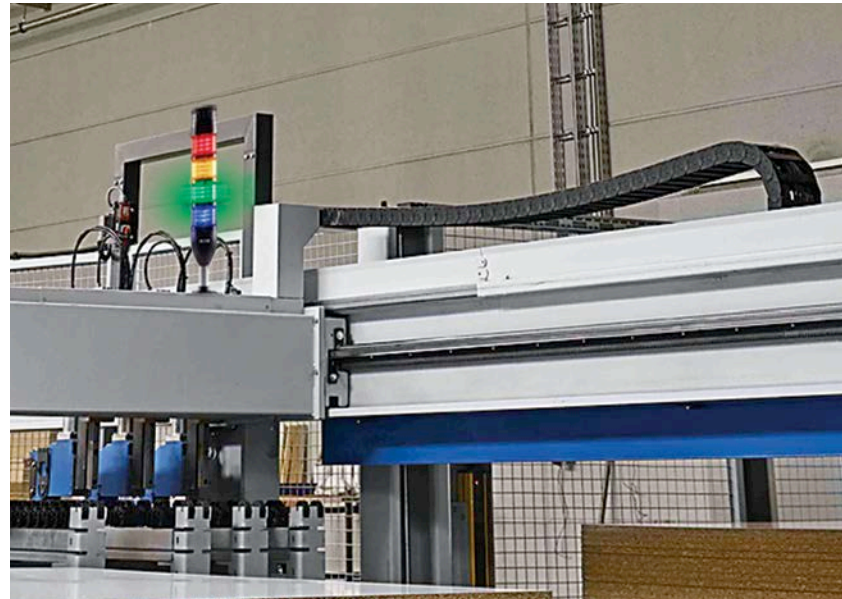
Single-tone, continuous/pulsed



Dual-tone, PLC actuated



Multi-tone, up to 8 signals



# Versatile mounting for any application

## Various options for space restrictions

Eaton provides users of the SL series stacklights with maximum installation flexibility. Whether you are working with low ceiling clearances or small, confined equipment space, the SL series stacklights are optimized for deployment in tight installation circumstances.

As a counterpart to the SL7, Eaton now offers the smaller SL4. In addition to offering this smaller sized stacklight, a variety of mounting selections are also available, including a pole mount option that comes in heights of 100, 250 or 400 mm.

- ① Threaded, 1/2-inch NPT
- ② Pole mount
- ③ Rapid-mount system
- ④ SmartWire-DT connectivity
- ⑤ Surface mount
- ⑥ Pre-assembled surface mount
- ⑦ Surface flange
- ⑧ Dual arm
- ⑨ Vertical mount



Various options for flexible mounting



Stacklights can also be mounted horizontally

## Easy assembly, simplified mounting

Mounting and dismantling protruding stacklights can be a major effort, particularly when transporting machines. Eaton's new rapid-mount system speeds up that process by up to 50%.

The rapid-mount base is designed with a bayonet fitting, so electrical wiring only needs to be connected once; the base simply remains on the machine. After the equipment arrives at the customer site, the stacklight can be re-installed quickly with little effort and no tools.

## Speed up installation with Eaton's rapid-mount system



Wire base adapter



Align base and stacklight tower



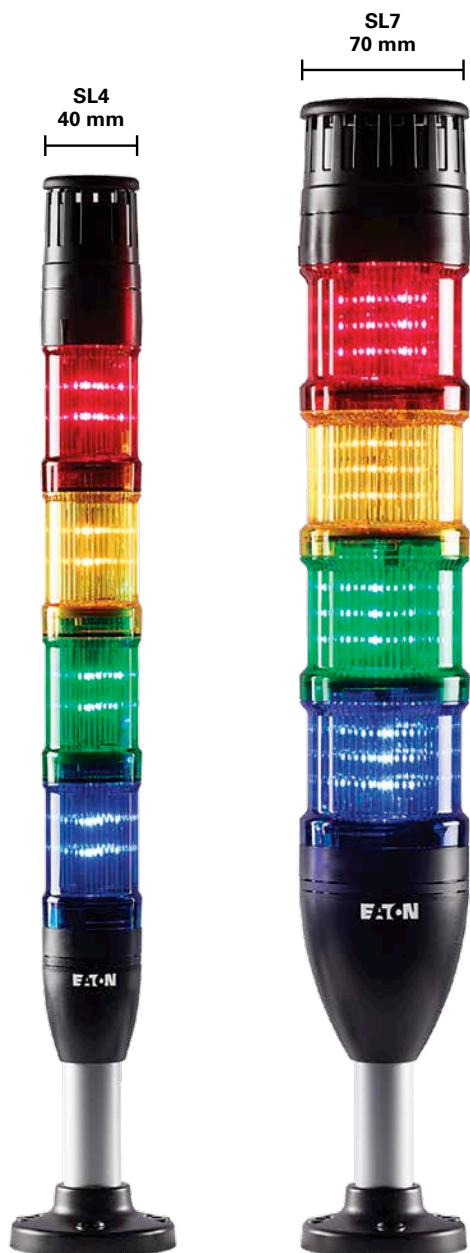
Move locking ring over base



Twist to lock into place

# Robust design for your demanding needs

Using stacklights is a highly efficient method of monitoring equipment to keep you informed about material requirements, downtime and hazards. While this technology has existed for some time, Eaton has raised the bar with the complete redesign of the SL series stacklights.



SL4 and SL7 stacklights

## Elegant, enhanced performance

In addition to pleasing aesthetics, the SL series stacklights are designed for optimal performance in extreme industrial applications.

- 360° visibility and audible signaling
- Operating temperature range of  $-22^{\circ}$  to  $+140^{\circ}\text{F}$  ( $-30^{\circ}$  to  $+60^{\circ}\text{C}$ )
- IP66-rated fixtures that are impervious even to strong jets of water
- LEDs with a lifespan of up to 100,000 hours or 11.5 years

## Features and benefits

- Wide range of lighting and audible solutions for a broad range of applications
- Six internationally compliant lens colors
- Flexible mounting options designed for easy installation
- 70 mm and new slim 40 mm versions available
- Rated for indoor and outdoor use
- Available in 24 Vac/Vdc, 120 Vac and 240 Vac
- CE marked and cULus® listed

## Configurable and customizable

The design makes it easy to create unique lighting, mounting and signaling combinations. The twist and lock feature enables easy dismantling and mounting of complete towers in the field.

- Modules can be easily interchanged with a simple twist
- Bayonet fitting allows for quick and easy mounting and dismantling



## Designed for SmartWire-DT

Simplify the wiring connections to your stacklight by using a SmartWire-DT base. Connect the stacklight only once using the SmartWire-DT flat cable and independently control up to five output modules. This provides maximum flexibility to customize modules as needed in the field without having to change any wiring.

Eaton's SmartWire-DT is an innovative solution that simplifies your control panel wiring, thereby reducing engineering, wiring, testing and commissioning time.

**Also consider** controlling your system with Eaton's pilot devices

Machine controls  
maximizing uptime using real-time

# Pushing the boundaries of what's possible

Whether on operating panels, pendant stations or control panels, Eaton pilot devices are the machine manufacturing and panel building industries' number one choice.

In addition to their elegant and ergonomic industrial design that simplifies operation, control and protection, our flexible and versatile range ensures the best solution for every application.

## Pushbuttons for every application

Eaton pilot devices are designed in many shapes and sizes based on their functionality and application in the North American (NEMA) and Global (IEC) markets.

Our portfolio includes illuminated and non-illuminated pushbuttons, indicator lights, selector switches, key-operated actuators, joysticks, emergency stops, potentiometers, foot and palm switches, control stations and accessories.

[Eaton.com/pushbuttons](http://Eaton.com/pushbuttons)

# We make what matters work.\*

\* At Eaton, we believe that power is a fundamental part of just about everything people do. Technology, transportation, energy and infrastructure—these are things the world relies on every day. That's why Eaton is dedicated to helping our customers find new ways to manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. To improve people's lives, the communities where we live and work, and the planet our future generations depend upon. Because that's what really matters. And we're here to make sure it works.

See more at [Eaton.com/whatmatters](https://www.eaton.com/whatmatters)

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