

# Stacklights

Stacklights, called signal towers, are modular, stackable devices that provide illuminated and audible status indication for machines, systems,

or processes. They are available in a variety of colors; in flashing or permanent incandescent, LED, or Xenon lighting; and with audible alarm options.

Starting at  
**\$407.00**  
(65700055)



**WERMA**  
SIGNALTECHNIK

## eSIGN Series LED Signal Towers

WERMA eSIGN series signal towers provide full-surface signaling with a variety of programmable signal modes. The electronic modularity of these towers provides various colors, brightness levels, and light effects, from the classic signal tower to completely customized settings. The eSIGN signal towers can also switch with ease between variable filling level indications and full-surface signaling.

- Available with 9 or 15 tiers
- Versatile customization options with different modes, light effects, and tones
- Configurable via USB and the free configuration software, or IO-link on compatible models
- 360-degree viewing angle
- Optional wall and tube mounting options
- IO-Link v1.1 on select models
- Black or white housing options

### Applications

- Access control
- Audible warning
- Building security
- Fault indication
- Filling level indication
- Material availability
- Operating status
- Process monitoring
- Status indication
- Visual warning

## Configuration Options (all models)

### Standard Colors

- Red
- Blue
- Yellow
- Light yellow
- Green
- Violet
- White
- Turquoise

### RGB Color Selection Options



### Light Effects

- Continuous light
- Blinking 1 Hz
- Blinking 2 Hz
- Blinking 3 Hz
- Flashing 1x
- Flashing 2x
- Flashing 3x
- Rotating

### Audible Selections (depending on model)

- 2.7 kHz continuous tone
- 0.9 kHz continuous tone
- 2.8 kHz at 420 Hz pulse frequency
- 0.9 kHz at 20 Hz pulse frequency
- 2.8 kHz at 20 Hz pulse frequency
- 0.9 kHz at 1Hz pulse frequency
- 2.8 kHz at 1Hz pulse frequency
- 2.3 to 3.6 kHz sweep tone
- 2.6 kHz continuous tone
- 1200/800 Hz alternating tone

### Operating Modes

- Autoscale
- Signal Tower
- Filling Level
- Individual

## Stacklights (cont)

### Operating Modes (all models)

#### Autoscale Mode

In autoscale mode, the eSIGN segments are divided equally by the number of active status warnings. If only one status warning is active, the entire signal tower is illuminated in one color for maximum visibility.



#### Signal Tower Mode

In signal tower mode, eSIGN segments are combined to create a classic signal tower. Individual tiers are assigned fixed positions that are turned ON when their corresponding status bit is active.



#### Filling Level Mode

Filling level mode accurately indicates job progress or material availability as a percentage, gradually illuminating the signal tower from bottom to top or top to bottom.



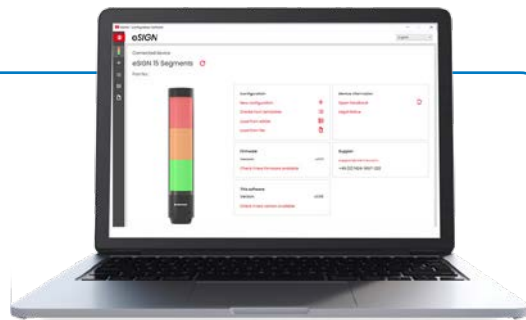
#### Individual Mode

All tiers, colors, light effects, and sounds are configured independently for each signal tower state in individual mode. Each signal tower state is selected based on the combination of active status inputs, allowing for a maximum of 64 possible states.



### Software Configurable Models

- Requires WERMA eSIGN configuration software (free download)
- USB-C programming interface
- Operation by hard-wired discrete inputs
- Standalone units do not require a PLC interface
- Software configured models do not support IO-Link



WERMA eSIGN Configuration Software

### IO-Link Models

- An external IO-Link Master is required for operation and configuration
- Operating modes, lighting effects, colors, and sounds can be changed on the fly
- No hard-wired I/O
- Requires extensive knowledge of IO-Link protocol and IO-Link Master and gateway devices



**PLC**

Sends commands and status requests via EtherNet/IP



**IO-Link Master**

Converts EtherNet/IP to IO-Link communication protocol



**eSIGN Signal Tower**  
Operating in Filling Mode

## **PATLITE®** 25mm ME/MES Series

Patlite® 25mm ME/MES series high-quality signal towers are designed with direct-mounted, rust-free aluminum bodies.

- Super slim design for easy fit in tight spaces
- 1 to 4 LED tiers
- PNP models IP65, NPN models IP42



Starting at  
**\$94.00**  
(MES-102A-R)



Starting at  
**\$94.00**  
(MPS-102-R)

## **PATLITE®** 30mm MP/MPS Series

Patlite® 30mm MP/MPS series signal towers feature a direct-mounted, double-insulated ABS main body design that offers superior impact and heat resistance.

- IP65 rated (IEC 60529)
- 1 to 4 LED tiers
- Optional alarm buzzer available

## **PATLITE®** 40mm LR4 Series

Patlite LR4 series tower lights offer a rugged construction for superior impact and heat resistance, and a modular “Twist and Lock” system to easily customize and reconfigure the LED and sound modules.

- 2, 3, and 4 tiers (LED modules)
- Prism-cut lens design for enhanced visibility from any direction
- Optional alarm module with selectable sound patterns
- Direct or pole mount installation
- Interchangeable LED modules require no re-wiring, even after installation



Starting at  
**\$75.00**  
(LR4-202WJNW-RG)

## Stacklights (cont)

### **PATLITE®** 70mm LS7 Series

Patlite® LS7 series 70mm signal towers offer an attractive smooth body design with no screws or metal parts exposed, excellent for harsh environments and areas where high pressure/temperature washdowns are required.

- Available in 3 or 5 LED tiers
- Models with buzzer available
- IP65 rated; models with buzzer are IP54 rated; WC9 models are IP69k rated



Starting at  
**\$164.00**  
(LS7-302DWC-RYGNN)



Starting at  
**\$214.00**  
(HSST-3M2-RYG)

### **PATLITE®** HSST Series Andon Signal Tower Stations

Patlite HSST series Andon signal tower stations offer a complete, low-cost solution to manually control the signal tower colors via a three-button switch box and power adapter.

- Three-tier light with red, amber, and green modules
- Three-button switch box and power adapter included
- IP54 (signal tower) and IP20 (switch box) protection rating

### **PATLITE®** LKEH Series - 100mm Combination Large Light Tower and Horn

Patlite LKEH series 100mm LED signal towers feature a large signal horn and light tower combination, ultra-bright LEDs with a 100mm lens, and an alarm volume up to 105 dB.

- Ultra-bright continuous or flashing LEDs
- 32 alarm tones
- 1 to 4 LED tiers (modules)
- Optional field configuration SD card (sold separately)



Starting at  
**\$452.00**  
(LKEH-102FEUL-R)



## KombiSIGN Pre-assembled Stacklights

Pre-assembled stacklights are available in 2- or 3-light element configurations, made with polycarbonate lens material and LED permanent light elements.

- Available in 24 VAC/VDC or 115 VAC
- IP65 rated
- 70mm diameter

Starting at  
**\$159.00**  
(64924004)



Starting at  
**\$23.50**  
(84610000)



## KombiSIGN Modular 50mm and 70mm Signal Towers

WERMA's modular signal towers offer total flexibility, allowing any combination of up to four (50mm) or five (70mm) audible-visual and audible signal elements. The bayonet mechanism allows elements to be quickly and safely changed without tools (contact-voltage proof).

- Up to 4 (50mm) or 5 (70mm) incandescent, LED, or Xenon light elements
- Light elements available in red, green, amber, white, and blue
- Permanent, blinking, or flashing light functions
- Audible buzzer or siren elements
- IP65 rated components



## FlatSIGN Series LED Signal Columns

WERMA's FlatSIGN LED signal column is a wall-mounted signal unit that provides visual alarm notifications for machines, systems, and/or process alarms.

- Tri-color signal light for wall mount installation
- Audible alert option with 8 selectable tones or continuous tone
- Red/yellow/green LEDs
- 160-degree viewing angle
- Permanent or blinking (DIP switch selectable) models

Starting at  
**\$155.00**  
(69110055)

