

LEL

Signal Tower



LED



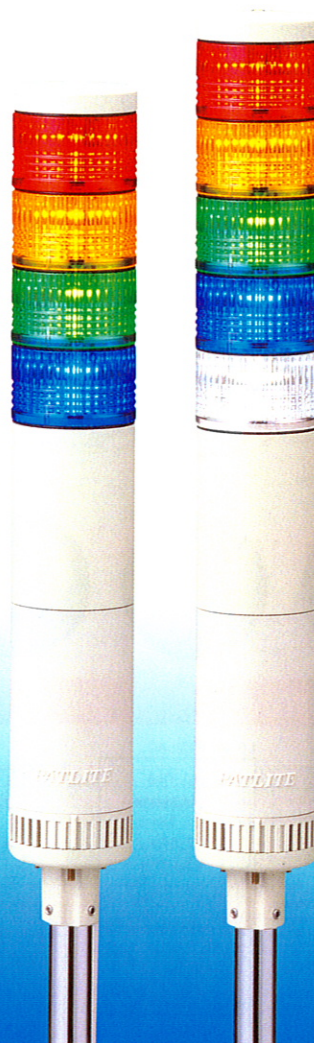
85dB at 1m
(LEL-FB type)

Ø50

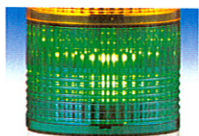
IP54

(Pole-mount type IP23)

NPN/PNP
Open collector



Reflection system



High visibility from any direction

Versatile, cost and energy efficient LED Signal Tower for every need.

- PATLITE's Exclusive Hybrid Prism Cut Lens: For enhanced visibility from any direction and distance.
- Original Dual Reflection System: For enhanced light diffusion, creating bright distinctive illumination while saving energy (Patent Pending).
- Built-in Alarms (FB Type): 2 selectable sound patterns with adjustable volume up to 85dB at 1m.
- Installation: Direct or pole mount
- Color-coordinated Wiring: Corresponds to the lens colors for quick wiring verification.
- Interchangeable LED Modules: No re-wiring even after installation.
- Main Body: ABS resin with superior resistance to impact and heat.
- Lens: Superior impact resistant and light translucent AS resin.
- NPN/PNP Compatible: Except 120/220V AC, compatible with NPN only.
- Available Colors: Red, Amber, Green, Blue, Clear.

Interchangeable LED modules

- Changeable color sequence: Easy to add / remove up to 5 colored modules even after installation.
- Note: LED modules of the same color will light up simultaneously.

The wiring remains the same

Each color of LED module corresponds to the lead wire color.



Easy to add and remove

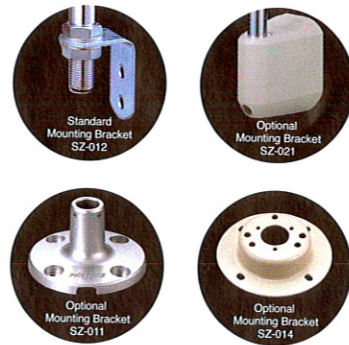
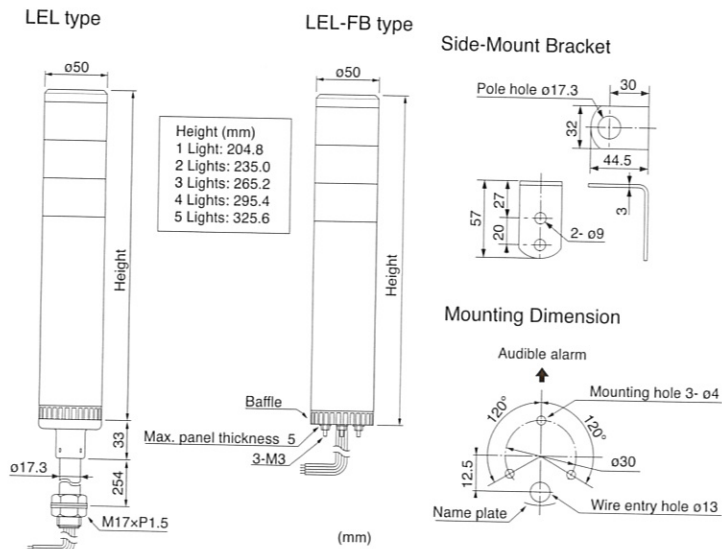
If the number of LED module is changed, center shaft must be purchased.



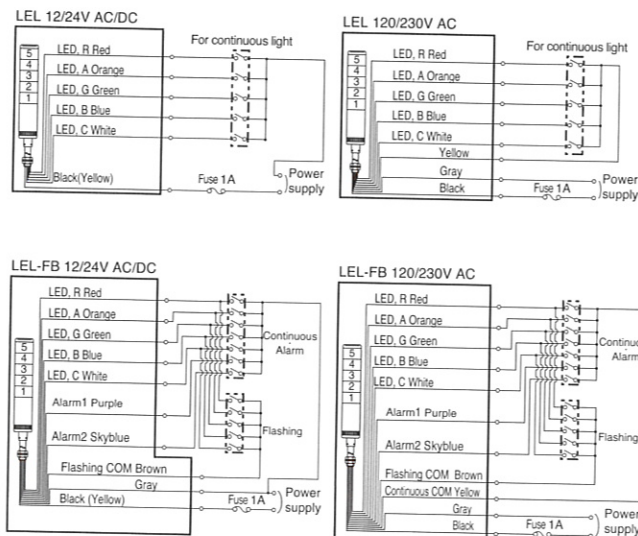
Dual reflection system

PATLITE's original double reflection system with its exclusive hybrid prism-cut lens and 5 color LED modules create distinctive illumination that is bright and even (Patent Pending).

Dimensions



Wiring Diagram



Signal line voltage and current per LED module

Rated Voltage	Signal Line Voltage	LED Signal Line Current	Alarm
12V AC/DC	12V AC/DC	R, A: 50mA G, C: 40mA B: 44mA	Signal Line Current 40mA
24V AC/DC	24V AC/DC	R, A: 25mA G, C: 20mA B: 22mA	Inrush Current 250mA
10V, 230V AC	24V DC	R, A: 25mA G, C: 20mA B: 22mA	

Color Designator Chart *

Color of LED unit	Color of Lead wire
Red	Red
Amber	Orange
Green	Green
Blue	Blue
Clear/White	White

Alarm	Color of Lead wire
Alarm1	Purple
Alarm2	Skyblue

*Alarm wires do not exist for continuous only models.

*All 5 light wires are supplied even if all colors are not used.

Voltage	Fuse
All voltage types	1A

Note: See page 168 for wiring diagram

LEL Type

Number of Stacks	Model	Rated Voltage	Power Consumption
1 Light	LEL-101	12V AC/DC	1.1W
	LEL-102	24V AC/DC	1.6W
	LEL-112	120V AC	5.7W
	LEL-123	230V AC	
2 Lights	LEL-201	12V AC/DC	1.7W
	LEL-202	24V AC/DC	2.2W
	LEL-212	120V AC	6.7W
	LEL-223	230V AC	
3 Lights	LEL-301	12V AC/DC	2.2W
	LEL-302	24V AC/DC	2.7W
	LEL-312	120V AC	7.5W
	LEL-323	230V AC	
4 Lights	LEL-401	12V AC/DC	2.7W
	LEL-402	24V AC/DC	3.2W
	LEL-412	120V AC	8.3W
	LEL-423	230V AC	
5 Lights	LEL-501	12V AC/DC	3.2W
	LEL-502	24V AC/DC	3.7W
	LEL-512	120V AC	9.1W
	LEL-523	230V AC	

FB type: approx. 60 flashes per minute.

How to Order

LEL-502FBW-RYGB

Stacks 1~5

Rated Voltage
01: 12V AC/DC
02: 24V AC/DC
12: 120V AC
23: 230V AC

Type
Blank: Continuous light
FB: Continuous or flashing light with audible alarm

Color
R: Red
Y: Amber
G: Green
B: Blue
C: Clear/White
Top to bottom

Mount
P: Pole Mount (with SZ-012)
W: Direct Mount