

# LE/LES

## Signal Tower

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
 Http://www.100y.com.tw



LED



85dB at 1m  
 (LE-FB type)

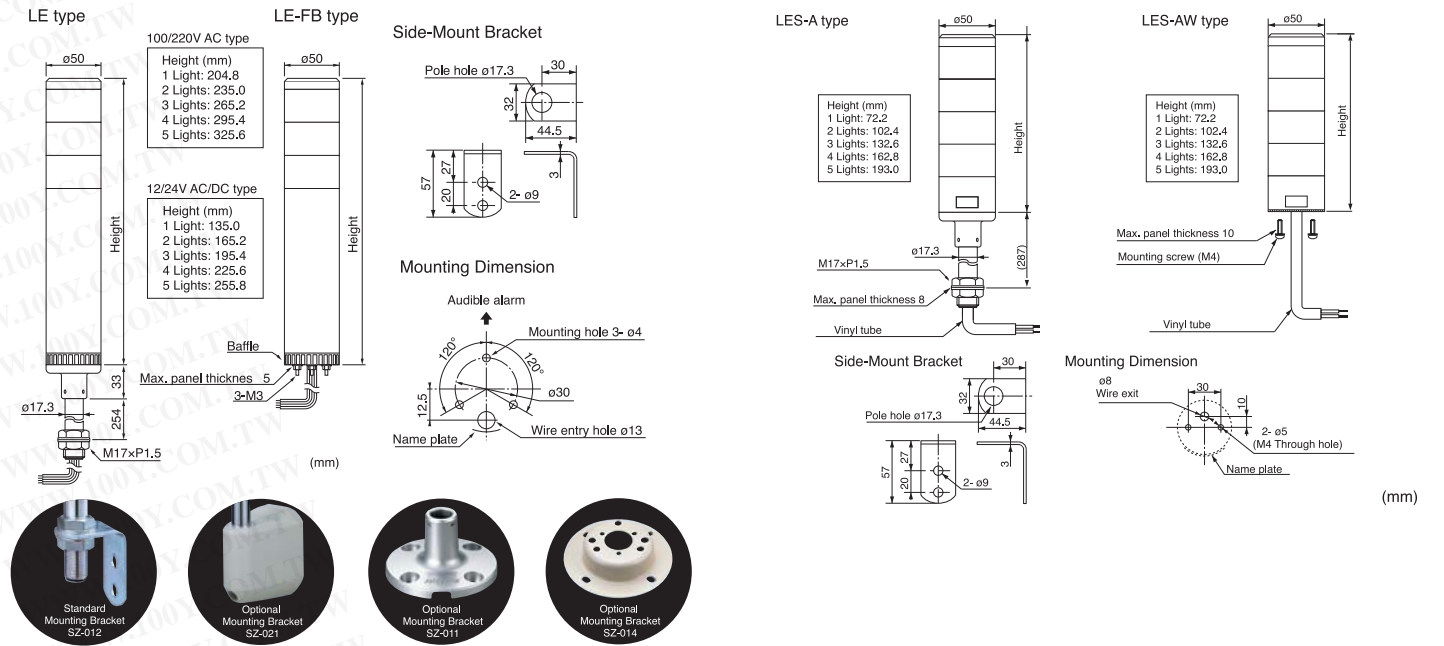
ø50

IP54  
 (Pole-mount type IP23)

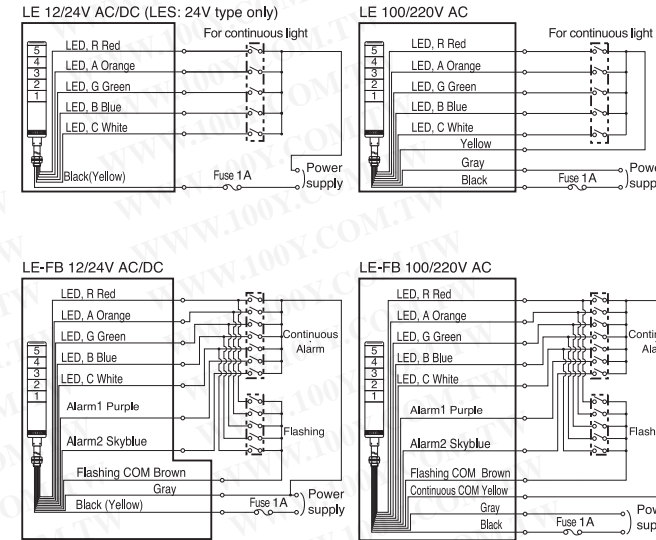
NPN/PNP  
 Open collector



## Dimensions



## Wiring Diagram



Signal line voltage and current per LED module

Model	Rated Voltage	Signal Line Voltage	LED			Alarm
			Signal Line Current	R	G	
LE/LE	12V AC/DC	12V AC/DC	R, A: 50mA	G, C: 40mA	B: 44mA	Signal Line Current 40mA
LES/LE	24V AC/DC	24V AC/DC	R, A: 25mA	G, C: 20mA	B: 22mA	Inrush Current 150mA
LE	100V, 220V 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.

Fuse for customer-supplied contact protection

Voltage	Fuse
All voltage types	1A

Note: See page 171 for wiring diagram

## 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 for LE model. The LED module of LES-A cannot be added, removed or interchanged.
- Main Body: ABS resin with superior resistance to impact and heat.
- Lens: Superior impact resistant and light translucent AS resin.
- NPN/PNP Compatible: Except LE 100/220V AC, compatible with NPN only.
- Available Colors: Red, Amber, Green, Blue, Clear.
- Conforms to the CE requirements (for 12V, 24V type only).
- UL Recognized Component (File No. E215660) (for 12V, 24V type only).

### Available by Special Order

- LES 24V: IP65 for direct mount and IP54 for pole mount types.

### 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.

### Easy to add and remove

- If the number of LED module is changed, center shaft must be purchased.
- Note: The LED module of LES-A cannot be added, removed or interchanged.

### The wiring remains the same

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



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.

## LE Type

Light Style	Model	Rated Voltage	Power Consumption
1 Light	LE-101	12V AC/DC	1.1W
	LE-102	24V AC/DC	1.6W
	LE-110	100V AC	
	LE-120	220V AC	5.7W
	LE-201	12V AC/DC	1.7W
2 Lights	LE-202	24V AC/DC	2.2W
	LE-210	100V AC	
	LE-220	220V AC	6.7W
3 Lights	LE-301	12V AC/DC	2.2W
	LE-302	24V AC/DC	2.7W
	LE-310	100V AC	
4 Lights	LE-401	12V AC/DC	2.7W
	LE-402	24V AC/DC	3.2W
	LE-410	100V AC	
	LE-420	220V AC	8.3W
	LE-501	12V AC/DC	3.2W
5 Lights	LE-502	24V AC/DC	3.7W
	LE-510	100V AC	
	LE-520	220V AC	9.1W

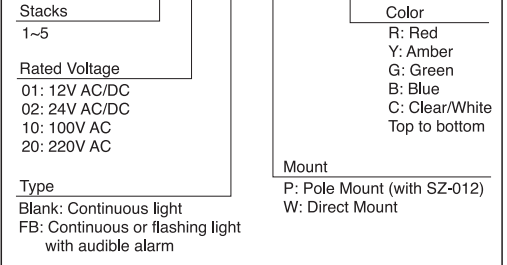
FB type approx. 60 flashes per minute.

## LES Type

Light Style	Model	Rated Voltage	Power Consumption
1 Light	LES-102A	24V AC/DC	0.6W
2 Lights	LES-202A	24V AC/DC	1.2W
3 Lights	LES-302A	24V AC/DC	1.7W
4 Lights	LES-402A	24V AC/DC	2.2W
5 Lights	LES-502A	24V AC/DC	2.7W

## How to Order

### LE-502FBW-RYGBC



### LES-502AW-RYGBC

