



LE



Direct Mount

Pole Mount

Signal Tower



LED

2

Alarm Sounds (FB Type)

85dB at 1m

IP54

(Pole-mount IP23)

Ø50

NPN/PNP
Open-collector



AC/DC 24V



AC100/220V



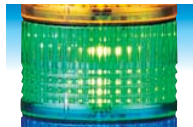
AC100/220V



AC/DC 24V



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



High visibility
from any angle



Dual Reflection
System

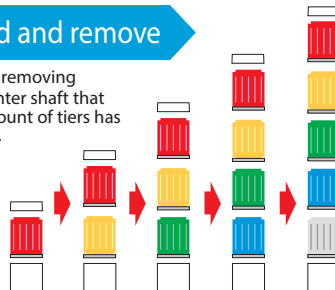
PATLITE's original dual reflection system with its exclusive hybrid prism-cut lens and 5 color LED modules creates a bright, distinctive and even illumination.

FEATURES

- PATLITE's exclusive Prism-Cut Lens designed for enhanced visibility from any direction and distance.
- Original Dual Reflection System for enhanced light diffusion; creating bright, distinctive illumination while saving energy.
- Two built-in alarms (FB Type) with selectable sound patterns.
- Adjustable volume of up to 85dB (at 1m).
- Direct or pole mount installation.
- Color-coordinated wiring corresponding to the lens color for quick wiring and verification.
- Interchangeable Modules need no re-wiring, even after installation.
- Main body is constructed of ABS resin with superior resistance to impact and heat.
- Lens is made of superior impact resistant and light translucent AS resin.
- NPN/PNP Compatible (Except for LE 100/220V AC, compatible with NPN only).
- Available colors are in Red, Amber, Green, Blue, and Clear/White.
- Conforms to the CE requirements (for 12V, 24V type only).
- UL Recognized Components (File No. E215660) (for 12V,24V type only).

Easy to add and remove

- When adding or removing modules, the center shaft that matches the amount of tiers has to be purchased.



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 within a signal tower will light up simultaneously.

Wiring doesn't change

- The LED Module colors correspond to the wiring, so re-wiring is not necessary.



How to Order

LE-502FBW-RYGBC

Tiers

1~5

Rated Voltage

01: AC/DC 12V
02: AC/DC 24V
10: AC 100V
20: AC 220V

Type

Blank: Continuous light
FB: Flashing/ Alarm

Color

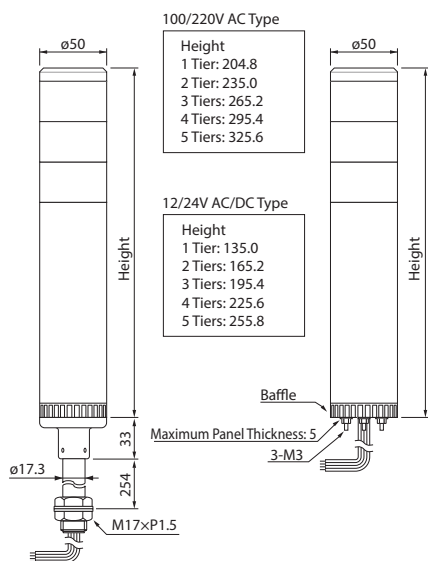
R: Red
Y: Amber
G: Green
B: Blue
C: Clear/White
(Top to bottom)

Mounting

P: SZ-012 Pole Mount
W: Direct Mount

Dimensions

LE Type



Specifications

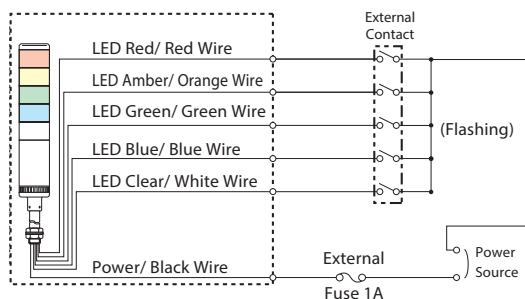
Stack Number	Model	Rated Voltage	Power Consumption	Mass	
				(FB)P	(FB)W
1 Tier	LE-101	AC/DC 12V	1.1W	640g	260g
	LE-102	AC/DC 24V	1.6W		
	LE-110	AC 100V			
	LE-120	AC 220V	5.7W	780g	400g
2 Tiers	LE-201	AC/DC 12V	1.7W	690g	310g
	LE-202	AC/DC 24V	2.2W		
	LE-210	AC 100V			
	LE-220	AC 220V	6.7W	830g	450g
3 Tiers	LE-301	AC/DC 12V	2.2W	740g	360g
	LE-302	AC/DC 24V	2.7W		
	LE-310	AC 100V			
	LE-320	AC 220V	7.5W	880g	500g
4 Tiers	LE-401	AC/DC 12V	2.7W	790g	410g
	LE-402	AC/DC 24V	3.2W		
	LE-410	AC 100V			
	LE-420	AC 220V	8.3W	930g	550g
5 Tiers	LE-501	AC/DC 12V	3.2W	840g	460g
	LE-502	AC/DC 24V	3.7W		
	LE-510	AC 100V			
	LE-520	AC 220V	9.1W	980g	600g



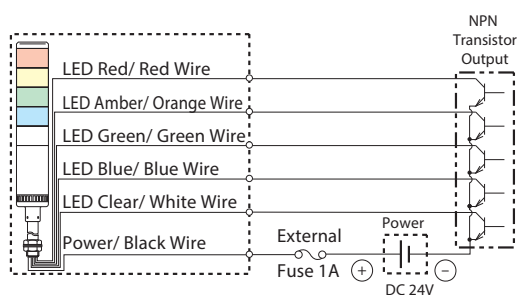
Wiring

LE Model

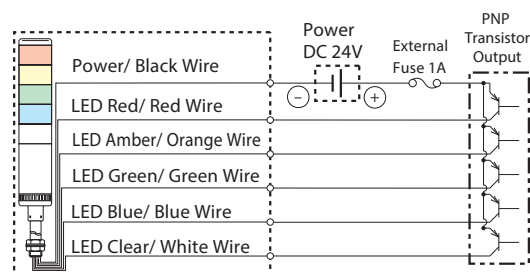
• AC/DC 24V Lighting Type



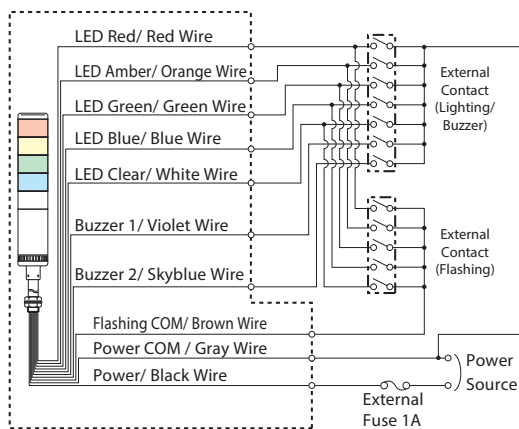
• DC 24V NPN Type



• DC 24V PNP Type

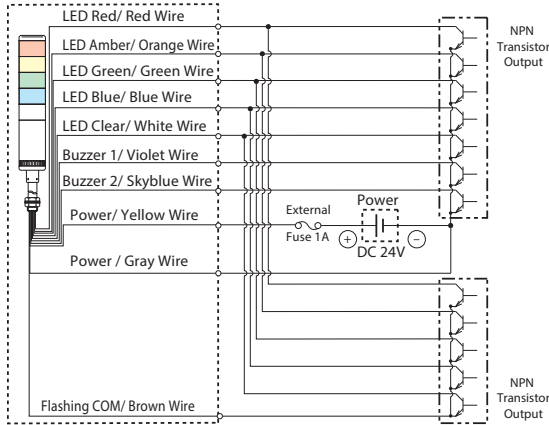


• AC/DC 24V Lighting/Flashing Type

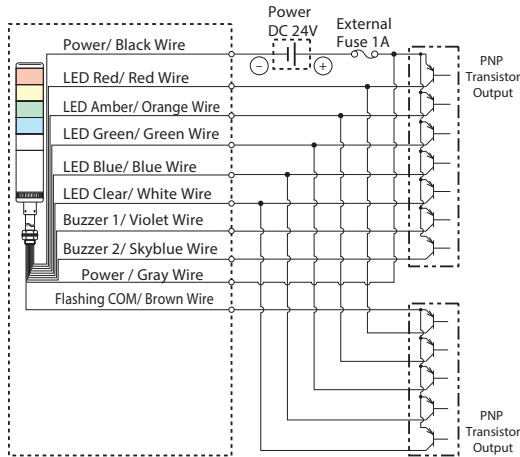


LE Model

• DC 24V NPN FB Type



• DC 24V PNP FB Type



Signal Line Voltage and Current per LED Module

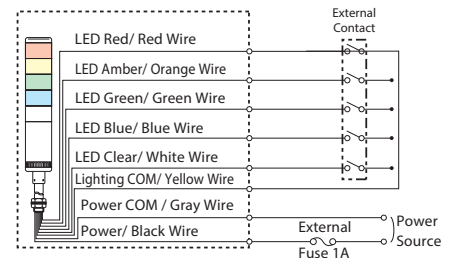
Voltage Type	Signal Line Voltage	LED			Alarm	
		Signal Line Current			Signal Line Current	Inrush Current
		R, Y	G, C	B		
AC/DC 12V	AC/DC12V	50mA	40mA	44mA	40mA	150mA
AC/DC24V	AC/DC 24V	25mA	20mA	22mA		
AC 100V, 220V	DC 24V	25mA	20mA	22mA		

Lead-wire color coordination table

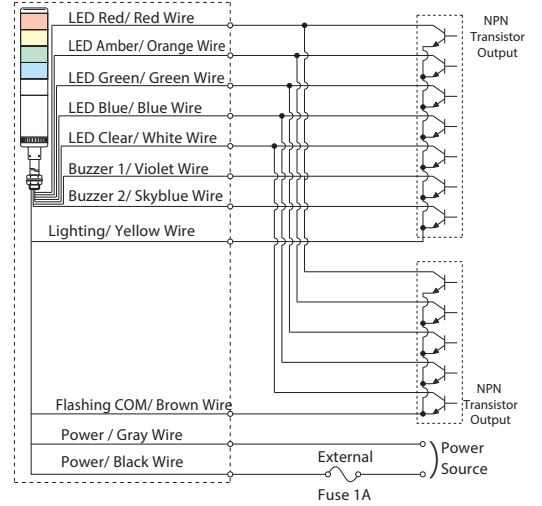
LED Unit Color	Lead Wire Color
Red	Red
Amber	Orange
Green	Green
Blue	Blue
Clear/White	White

Alarm Sounds	Lead Wire Color
Buzzer 1	Purple
Buzzer 2	Skyblue

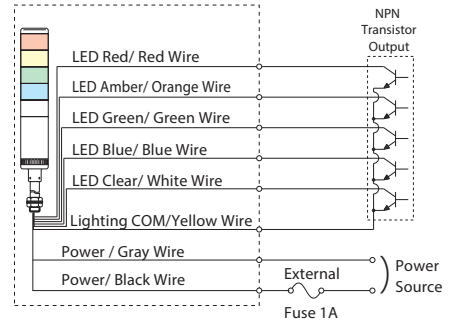
• AC Power Lighting Type



• AC Power Lighting/Flashing Type



• AC Power NPN Type



• AC Power NPN FB Type

