

# LME/LME-U/LME-N



## Signal Tower

Silver Color Body  
Model LME-U

Black Color Body  
Model LME-N

Ivory-white Body  
Model LME

LED



2 Alarm Sounds (FB Type)

90dB at 1m (FB Type)

IP65 (FB, L, K: IP54)

Ø60

Cable (LME-U)

NPN/PNP  
Open-collector



When ordering the clear-lens Signal Tower type, be sure to add "-Z" at the end of the part number when ordering

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



High visibility from any angle



Adjustable Volume (Max. 85dB at 1m)



Dual Reflection System

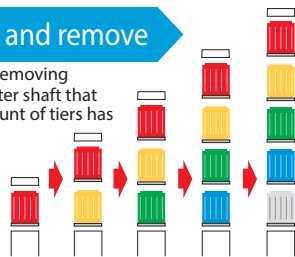
PATLITE's original dual reflection system with its exclusive hybrid prism-cut lens and 5 color LED modules creates a bright, distinctive and even illumination.

### FEATURES

- PATLITE's exclusive hybrid 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 90dB (at 1m).
- Direct or pole mount installation.
- Interchangeable Modules need no re-wiring, even after installation.
- Main body is constructed of ABS resin with superior resistance to impact and heat. (U type has silver body and 3m cable)
- Lens is made of superior impact resistant and light translucent AS resin.
- NPN/PNP Compatible (Except 120/220V AC LME-U, compatible with NPN only).
- Available colors are in Red, Amber, Green, Blue, and Clear/White.
- Conforms to the CE requirements (for 24V type only).
- UL Recognized Components (File No. E215660; for 24V, 120V, 230V 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

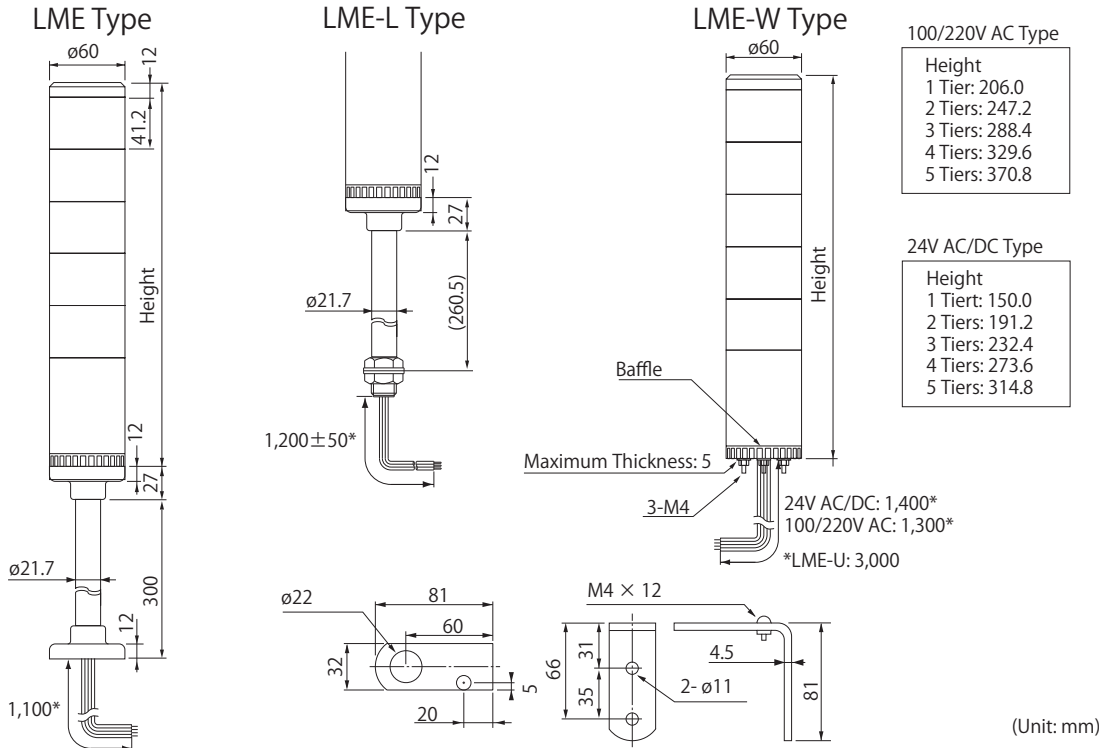
- The LED Module colors correspond to the wiring, so re-wiring is not necessary.

## How to Order

**LME-502UFBW-RYGBC-Z**

<b>Tiers</b> 1~5	<b>Rated Voltage</b> 02: AC/DC 24V 10: AC 100V 12: AC 120V 20: AC 220V 23: AC 230V	<b>Body Color</b> Blank: Ivory White N: Black U: Silver	<b>LED Color</b> R: Red Y: Amber G: Green B: Blue C: Clear/White (Top to bottom)	<b>Lens Color</b> Blank: Colored Lens Z: Clear Lens
	<b>Type</b> Blank: Continuous Light FB: Flashing/ Alarm	<b>Mounting</b> Blank: Pole Mount with circular mounting bracket K: SZ-020 Pole Mount L: SZ-013 Pole Mount W: Direct Mount		

# Dimensions



100/220V AC Type  
 Height  
 1 Tier: 206.0  
 2 Tiers: 247.2  
 3 Tiers: 288.4  
 4 Tiers: 329.6  
 5 Tiers: 370.8

24V AC/DC Type  
 Height  
 1 Tier: 150.0  
 2 Tiers: 191.2  
 3 Tiers: 232.4  
 4 Tiers: 273.6  
 5 Tiers: 314.8



(Unit: mm)

LME/LME-U/LME-N

# Specifications

Stack Number	Model	Rated Voltage	Power Consumption	Mass		
				LME	LME-L	LME-W
1 Tier	LME-102	AC/DC 24V	2.2W	0.43kg	0.73kg	0.27kg
	LME-110	AC 100V	5.1W	0.68kg	1.06kg	0.52kg
	LME-112	AC 120V			—	
	LME-120	AC 220V				
	LME-123	AC 230V				
2 Tiers	LME-202	AC/DC 24V	3.4W	0.48kg	0.78kg	0.32kg
	LME-210	AC 100V	7.1W	0.73kg	1.10kg	0.57kg
	LME-212	AC 120V			—	
	LME-220	AC 220V				
	LME-223	AC 230V				
3 Tiers	LME-302	AC/DC 24V	3.8W	0.53kg	0.83kg	0.37kg
	LME-310	AC 100V	7.9W	0.78kg	1.14kg	0.62kg
	LME-312	AC 120V			—	
	LME-320	AC 220V				
	LME-323	AC 230V				
4 Tiers	LME-402	AC/DC 24V	4.2W	0.58kg	0.88kg	0.42kg
	LME-410	AC 100V	8.7W	0.83kg	1.18kg	0.67kg
	LME-412	AC 120V			—	
	LME-420	AC 220V				
	LME-423	AC 230V				
5 Tiers	LME-502	AC/DC 24V	4.6W	0.63kg	0.93kg	0.47kg
	LME-510	AC 100V	9.5W	0.86kg	1.22kg	0.72kg
	LME-512	AC 120V			—	
	LME-520	AC 220V				
	LME-523	AC 230V				

Lead-wire color coordination table

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

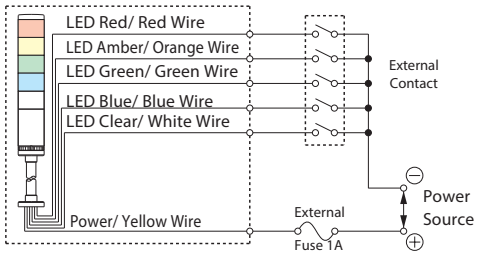
Alarm Sounds	Lead Wire Color
Buzzer 1	Purple
Buzzer 2	Skyblue

Signal Line voltage and current per LED Module

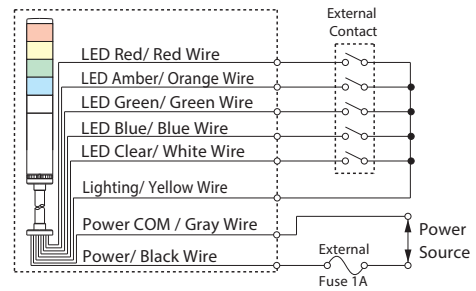
Rated Voltage	Signal Line Voltage	LED		Alarm	
		Signal Line Current		Signal Line Current	Inrush Current
AC/DC 24V	AC/DC 24V	R, Y	G, B, C	40mA	250mA
AC 100V	DC 24V	50mA	20mA	40mA	250mA
AC 200V					

# Wiring

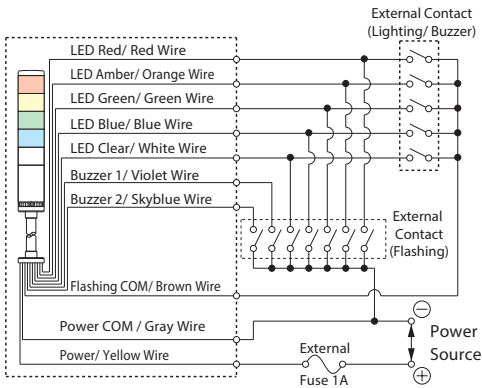
• AC/DC 24V Lighting Type



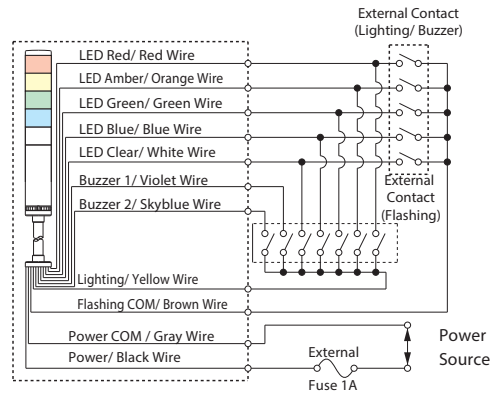
• AC Power Lighting Type



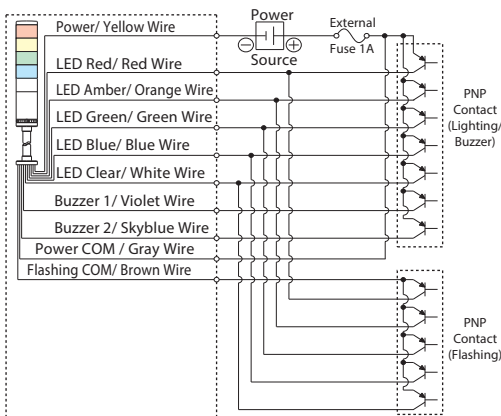
• AC/DC 24V Lighting/Flashing Type



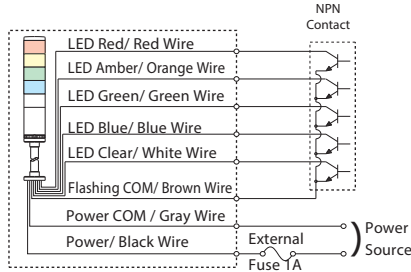
• AC Power Lighting/Flashing Type



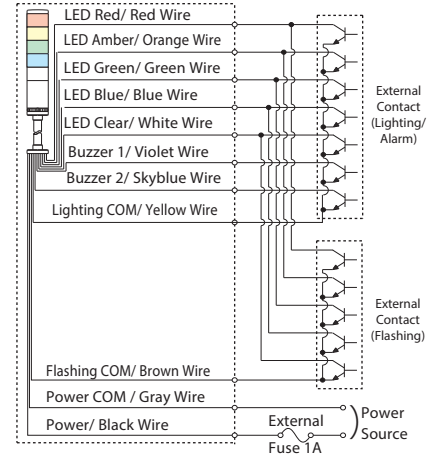
• DC 24V NPN FB Type



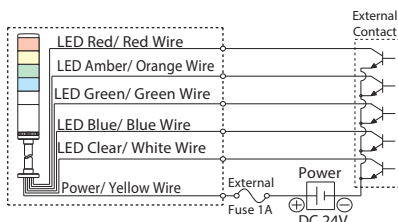
• AC Power NPN Type



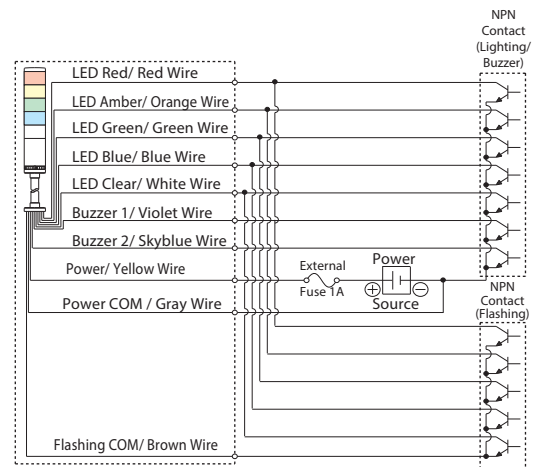
• AC Power NPN FB Type



• DC 24V NPN Type



• DC 24V PNP FB Type



• DC 24V PNP Type

