

LME/LME-U/LME-N



Signal Tower

LED



2 Alarm Sounds (FB Type)

90dB at 1m (FB Type)

IP65 (FB, L, K; IP54)

Ø60

Cable (LME-U)

NPN/PNP
Open-collectorSilver Color Body
Model LME-UBlack Color Body
Model LME-NIvory-white Body
Model LME

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

High visibility
from any angleAdjustable Volume
(Max. 90dB at 1m)

Dual Reflection System

PATLITE's original dual reflection system with its exclusive hybrid prism-cut lens and five color LED modules, creates a bright and evenly distributed 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)

ON

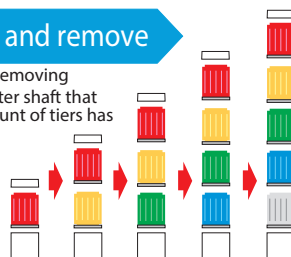
OFF



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

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.

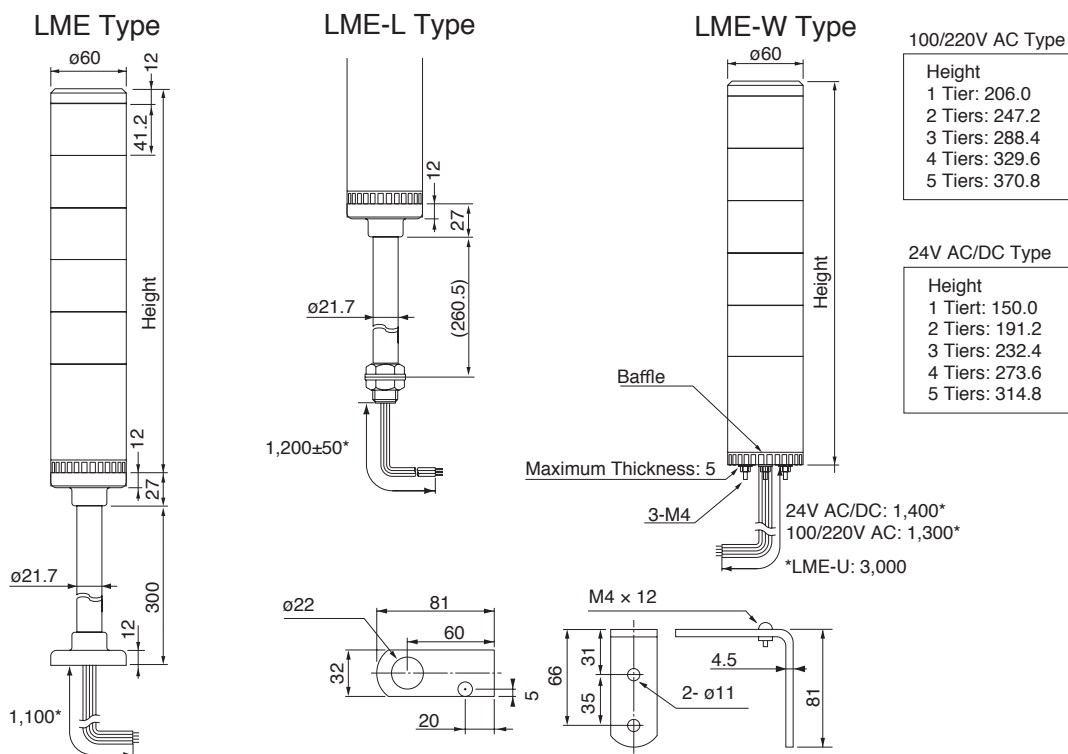
Wiring doesn't change

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

How to Order

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

Dimensions (Unit: mm)



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

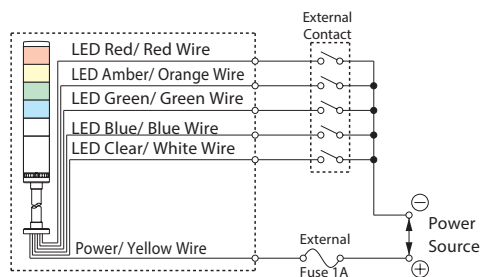
Alarm Sounds	Lead Wire Color
Buzzer 1	Purple
Buzzer 2	Skyblue

Signal Line voltage and current per LED Module

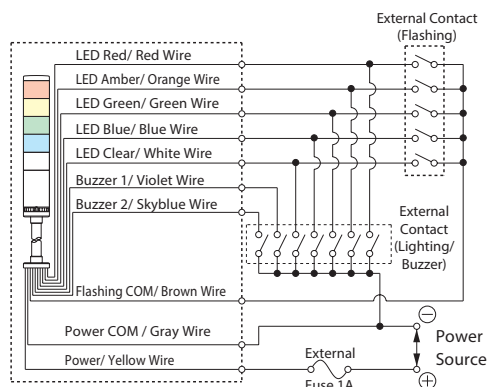
Rated Voltage	Signal Line Voltage	LED		Alarm	
		Signal Line Current		Signal Line Current	Inrush Current
		R, Y	G, B, C		
AC/DC 24V	AC/DC 24V	50mA	20mA	40mA	250mA
AC 100V	DC 24V				
AC 200V					

Wiring

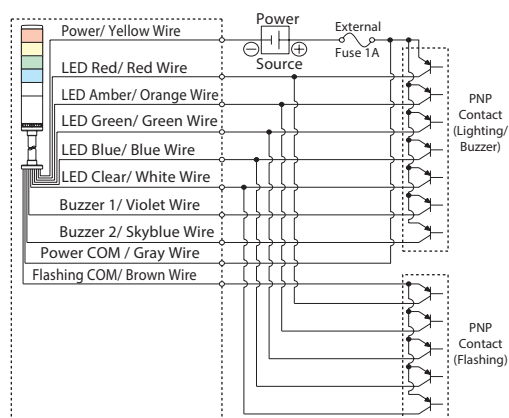
• DC 24V Lighting Type



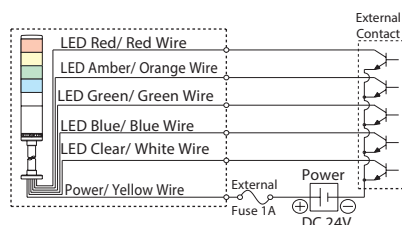
• DC 24V Lighting/Flashing Type



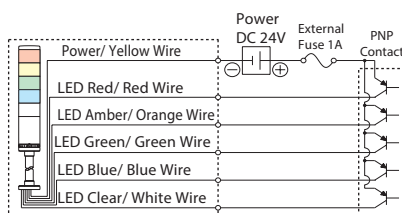
• DC 24V NPN FB Type



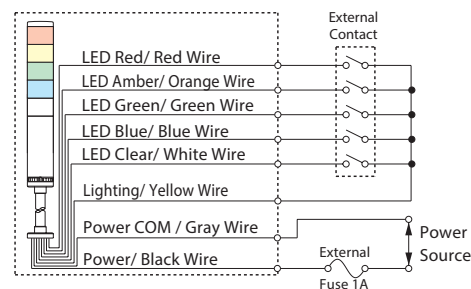
• DC 24V NPN Type



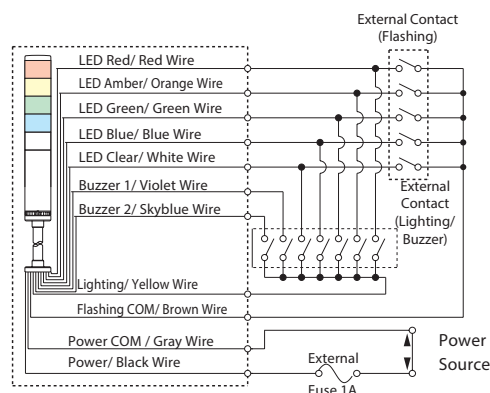
• DC 24V PNP Type



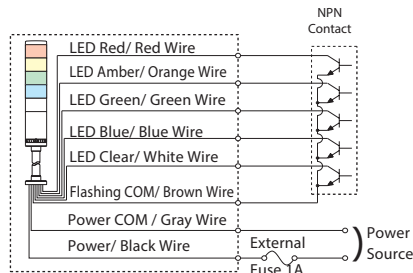
• AC Power Lighting Type



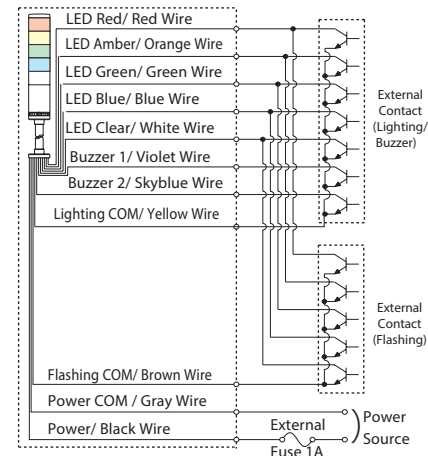
• AC Power Lighting/Flashing Type



• AC Power NPN Type



• AC Power NPN FB Type



• DC 24V PNP FB Type

