

# LME / LME-U / LME-N

## Signal Tower



**LED**

**Cabtyre** (LME-U)

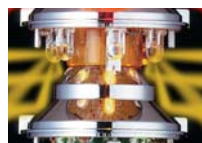
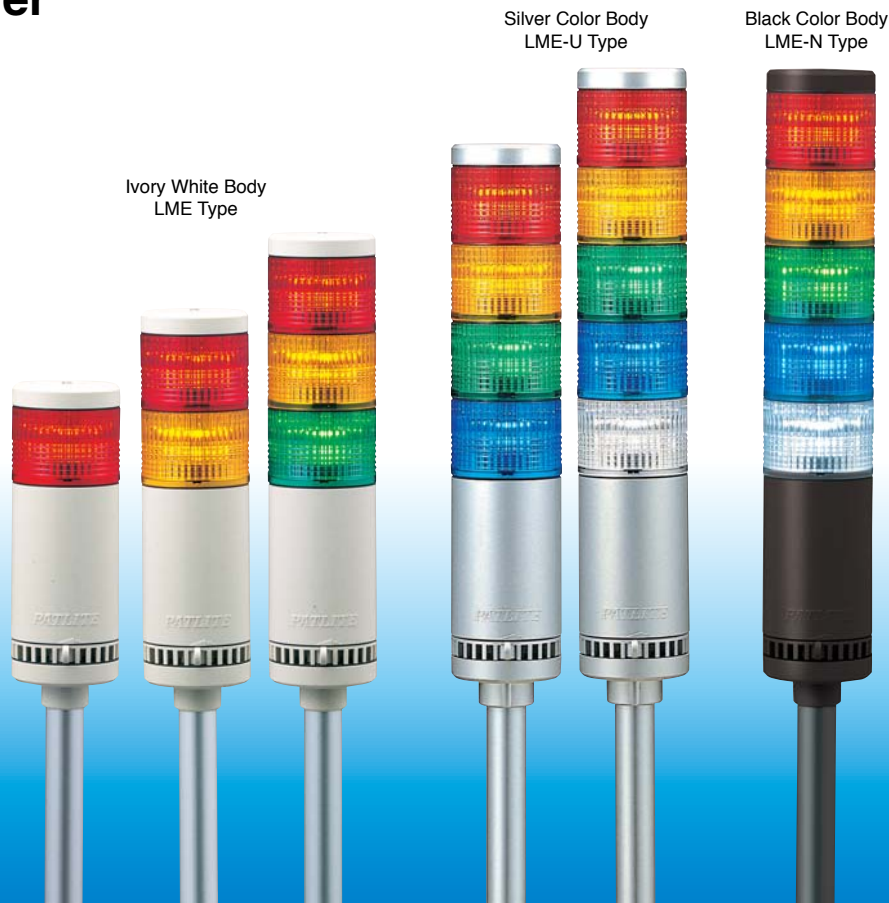
**90dB at 1m**  
(FB type)

**Electronic Sound 2**  
(FB type)

**∅60**

**IP65**  
(FB, L, K type: IP54)

**NPN/PNP**  
Open collector



Reflection system



High visibility from any direction



Adjustable volume  
Max. 90dB at 1m

## 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).
- FB type: 2 selectable built-in alarms with adjustable volume up to 90dB at 1m.
- Installation: Direct or pole mount.
- Interchangeable LED module: No re-wiring even after installation.
- Main Body: Superior impact and heat resistant ABS resin.
- Lens: Superior weather resistant and light translucent AS resin.
- NPN/PNP Compatible: Except 100/220V AC LME-U type, compatible with NPN only.
- Available Colors: Red, Amber, Green, Blue, Clear/White.

### LME-U type

- Available 24V AC/DC only.
- Silver Color Body.
- Cabtyre Cable: Versatile and flexible 3m cable.
- Pole-mount with circular mounting base or wall mount bracket as an optional accessory.

### Available by Special Order

- UL type (E215660)

### Interchangeable LED modules

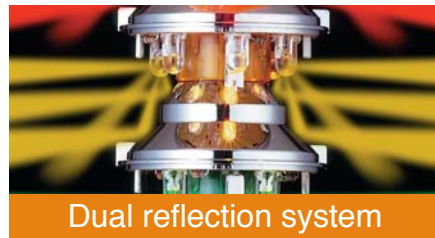
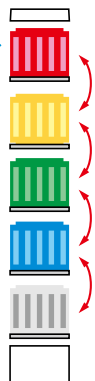
- Changeable color sequence: Easy to add / remove up to 5 colored modules even after installation.
- Note: LED modules of the same color within a signal tower will light up simultaneously.

### Easy to add and remove

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

### The wiring remains the same

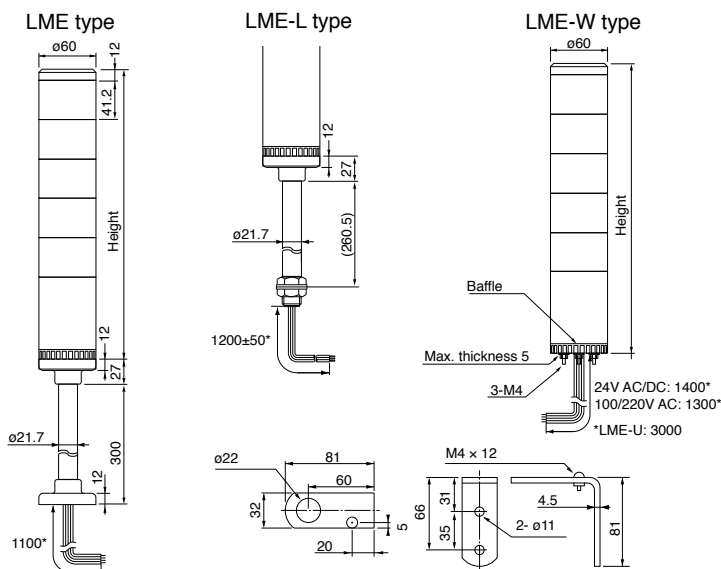
Each color of LED module corresponds to the lead wire color.



Dual reflection system

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

## Dimensions



100/220V AC type

Height (mm)
1 Light: 206.0
2 Lights: 247.2
3 Lights: 288.4
4 Lights: 329.6
5 Lights: 370.8

24V AC/DC type

Height (mm)
1 Light: 150.0
2 Lights: 191.2
3 Lights: 232.4
4 Lights: 273.6
5 Lights: 314.8



(mm)

## Wiring Diagram

Note: See page 169 for wiring diagram

## LME Type

Number of Stacks	Model	Rated Voltage	Power Consumption	Mass		
				LME	LME-L	LME-W
1 Light	LME-102	24V AC/DC	2.2W	0.42kg	0.77kg	0.28kg
	LME-110	100V AC	5.1W	0.66kg	1.01kg	0.52kg
	LME-112	120V AC				
	LME-120	220V AC				
2 Lights	LME-202	24V AC/DC	3.4W	0.48kg	0.82kg	0.34kg
	LME-210	100V AC	7.1W	0.72kg	1.06kg	0.58kg
	LME-212	120V AC				
	LME-220	220V AC				
3 Lights	LME-302	24V AC/DC	3.8W	0.54kg	0.87kg	0.40kg
	LME-310	100V AC	7.9W	0.78kg	1.11kg	0.64kg
	LME-312	120V AC				
	LME-320	220V AC				
4 Lights	LME-402	24V AC/DC	4.2W	0.60kg	—	0.46kg
	LME-410	100V AC	8.7W	0.84kg	—	0.70kg
	LME-412	120V AC				
	LME-420	220V AC				
5 Lights	LME-502	24V AC/DC	4.6W	0.66kg	—	0.52kg
	LME-510	100V AC	9.5W	0.90kg	—	0.76kg
	LME-512	120V AC				
	LME-520	220V AC				

FB type: approx. 60 flashes per minute.

## How to Order

### LME-502UFBW-RYGBC-Z

**Stack**  
1~5

**Rated Voltage**  
02: 24V AC/DC  
10: 100V AC  
12: 120V AC  
20: 220V AC

**Body Color**  
Blank: Ivory white  
N: Black color  
U: Silver color

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

**Mount**  
Blank: Pole Mount (with circular mounting bracket)  
K: Pole Mount (with SZ-020)  
L: Pole Mount (with SZ-013)  
W: Direct Mount

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

**Color of Lens**  
Blank: Colored lens  
Z: Clear lens