

# LME / LME-U / LME-N

## Signal Tower



**LED**



**Cabtyre** (LME-U)



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

**Electronic Sound 2**  
(FB type)

**Ø60**

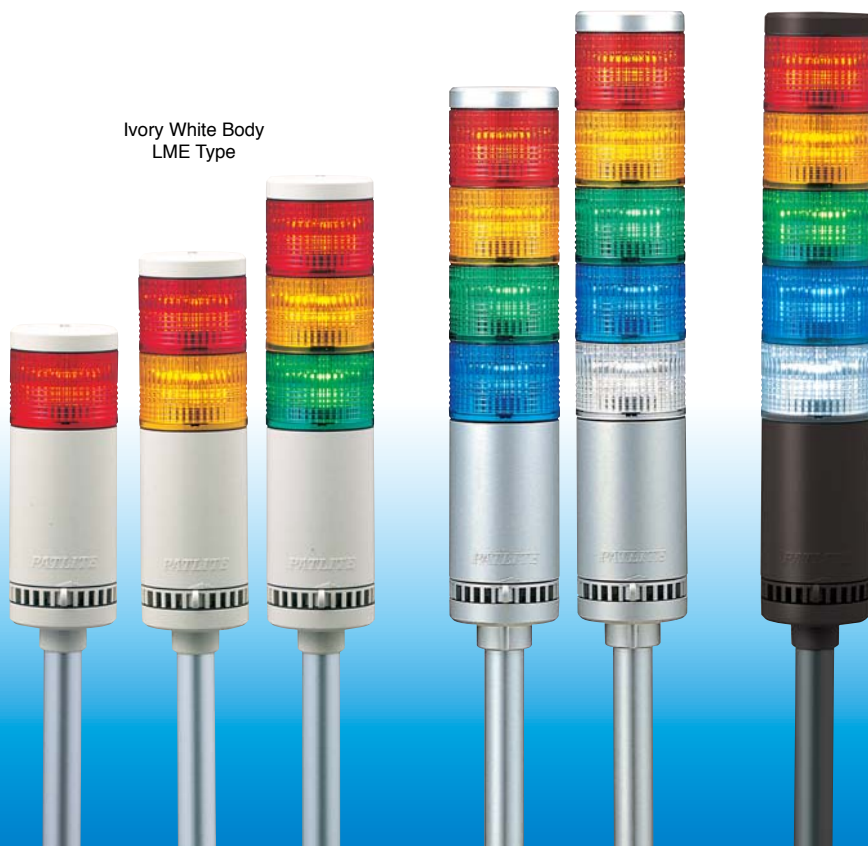
**IP65**  
(FB, L, K type: IP54)

**NPN/PNP**  
Open collector

Ivory White Body  
LME Type

Silver Color Body  
LME-U Type

Black Color Body  
LME-N Type



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

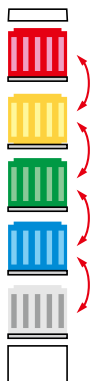
- UL type (E215660)

## 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.

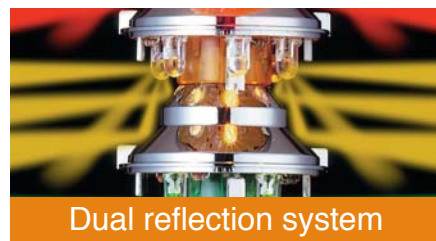
## The wiring remains the same

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



## Easy to add and remove

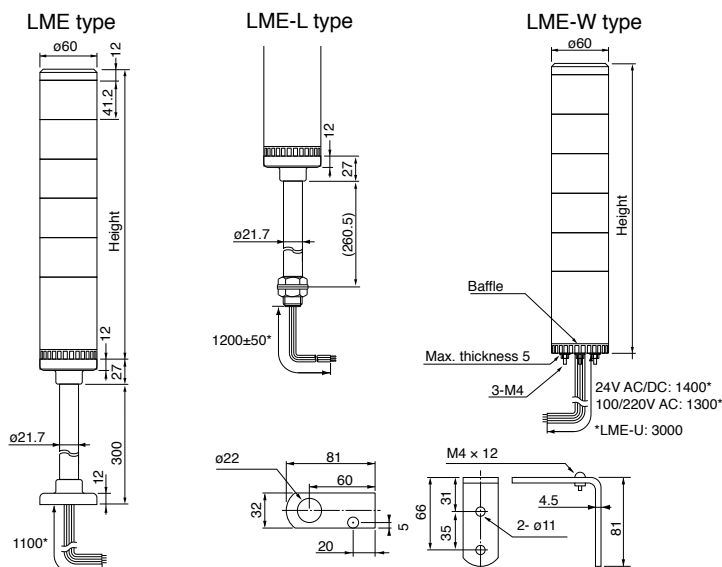
If the number of LED module is changed, center shaft must be purchased.



## 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 | 1.01kg | 0.52kg |
|                  | LME-110 | 100V AC       |                   |        |        |        |
|                  | LME-112 | 120V AC       | 5.1W              | 0.66kg | —      | —      |
|                  | LME-120 | 220V AC       |                   |        |        |        |
| 2 Lights         | LME-202 | 24V AC/DC     | 3.4W              | 0.48kg | 0.82kg | 0.34kg |
|                  | LME-210 | 100V AC       |                   |        |        |        |
|                  | LME-212 | 120V AC       | 7.1W              | 0.72kg | 1.06kg | 0.58kg |
|                  | LME-220 | 220V AC       |                   |        |        |        |
| 3 Lights         | LME-302 | 24V AC/DC     | 3.8W              | 0.54kg | 0.87kg | 0.40kg |
|                  | LME-310 | 100V AC       |                   |        |        |        |
|                  | LME-312 | 120V AC       | 7.9W              | 0.78kg | 1.11kg | 0.64kg |
|                  | LME-320 | 220V AC       |                   |        |        |        |
| 4 Lights         | LME-402 | 24V AC/DC     | 4.2W              | 0.60kg | —      | 0.46kg |
|                  | LME-410 | 100V AC       |                   |        |        |        |
|                  | LME-412 | 120V AC       | 8.7W              | 0.84kg | —      | 0.70kg |
|                  | LME-420 | 220V AC       |                   |        |        |        |
| 5 Lights         | LME-502 | 24V AC/DC     | 4.6W              | 0.66kg | —      | 0.52kg |
|                  | LME-510 | 100V AC       |                   |        |        |        |
|                  | LME-512 | 120V AC       | 9.5W              | 0.90kg | —      | 0.76kg |
|                  | LME-520 | 220V AC       |                   |        |        |        |

FB type: approx. 60 flashes per minute.

## How to Order

### LME-502UFBW-RYGBZ

#### 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