

LME / LME-U

Signal Tower



LED



Cabtire (LME-U)



90dB/m

Electronic Sound 2

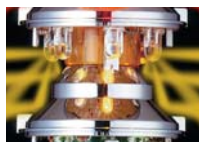
ø60

IP65
(FB, L, K type: IP54)

NPN/PNP
Open collector

LME

LME-U



Reflection
system



High visibility
from any direction



Adjustable volume
Max. 90dB/m

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 and realizing energy-savings (PAT.P).
- 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 AC100/220V & U-type compatible with NPN only.
- Available Colors: Red, Amber, Green, Blue, Clear.

LME-U type

- Silver body.
- Cabtire Cable: Versatile and flexible 3m cable.
- Pole-mount with circular mounting base or wall-mounted bracket as an optional accessory.

Available 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.

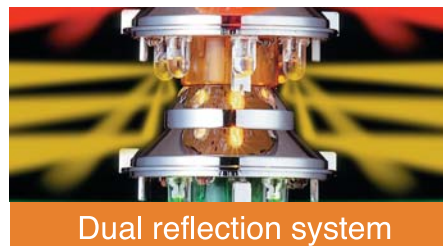
The wiring remains the same

No re-wiring: Each color module corresponds to the wire's color.



Easy to add and remove

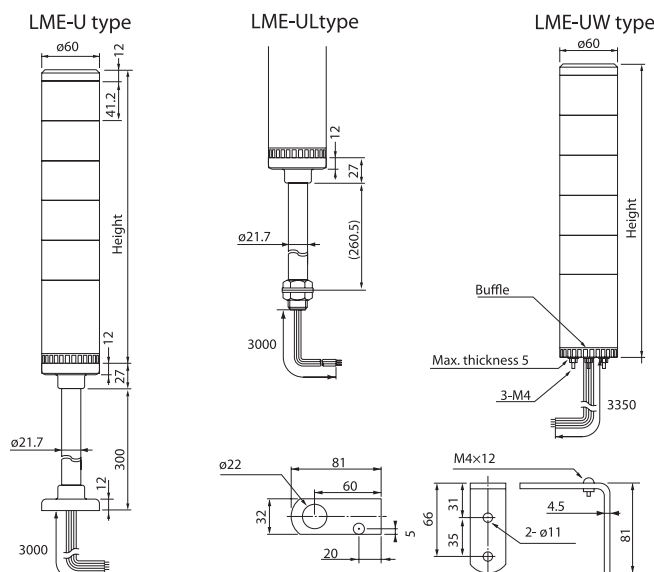
- Note: Add-on kit is required to add another LED module.



Dual reflection system

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

Dimensions

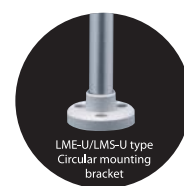


AC 100/220V type

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

AC/DC 24V 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 117 for wiring diagram

LME type

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

FB type: approx. 60 flashes per minute.

How to order

LME-502UFBW-RYGBZ-Z

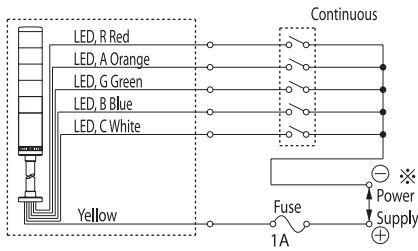
Stack 1~5	Color of LED R:Red Y:Amber G:Green B:Blue C:White Top to bottom
Rated Voltage 02:AC/DC24V 10:AC100V 20:AC220V	Color of Lens Nothing:Color lens Z:Clear lens
Body Color Nothing:Ivory white U:Silver	
Type Nothing:Continuous light FB:Continuous or flashing light with audible alarm	
Mount Nothing:Pole Mount(with circular mounting bracket) K:Pole Mount(with SZ-020) L:Pole Mount(with SZ-013) W:Direct Mount	

LME/LMS Wiring Diagram

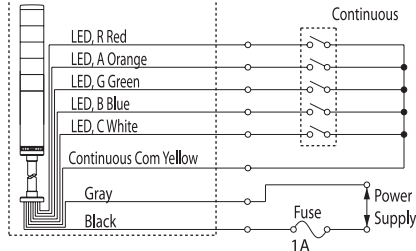
[LME/LMS-□□□(FB)(W)(L)(K) Model]

LME(-W)/LME(-W)-S-Q/LMS[Continuous type]

■ AC/DC 24V



■ AC 100/220V(LME only)

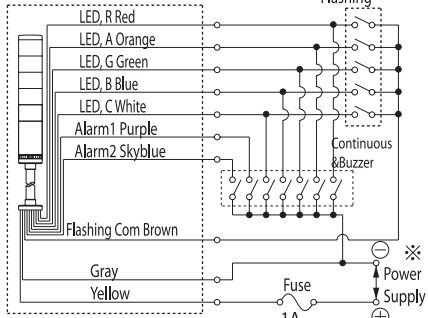


LME

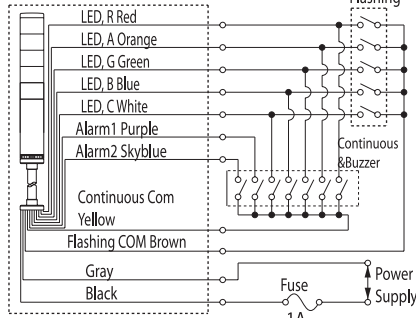
LMS

LME-FB(W)/LME(-W)-S-Q[Continuous/Flashing/Alarm type]

■ AC/DC 24V



■ AC 100/220V(LME only)



※LME-FB-S/Q Series:24V model is DC only, with only one polarity:positive(+) on Yellow(NPN)

■ Voltage and Amperage of lead wire per layer

Model	Voltage Type	Signal line Voltage	LED		Buzzer	
			Signal Line R,Y	Current G,B,C	Signal Line Current	Rush Current
LME	AC/DC 24V	AC/DC 24V	50mA	20mA	40mA	250mA
	AC100V	DC 24V				
	AC220V	DC 24V				
LME-S	DC 24V	DC 24V	50mA	40mA	40mA	250mA
	AC100V	DC 24V				
	AC220V	DC 24V				

■ Lead wire color correspondence table

Color of LED unit	Color of Lead wire
Red	Red
Amber	Orange
Green	Green
Blue	Blue
Clear	White

■ LME-S/Q

Color of LED unit	Color of Lead wire
S1 Red-Amber-Green	Red-Orange-Green
S4 Red-Green-Blue	Red-Green-Blue
S7 Amber-Green-Blue	Orange-Green-Blue
Q1 Red-Amber-Green-Blue	Red-Orange-Green-Blue
Q2 Red-Amber-Green-Clear	Red-Orange-Green-White
Q4 Amber-Green-Blue-Clear	Orange-Green-Blue-White

Alarm	Color of Lead wire
Alarm1	Purple
Alarm2	Skyblue

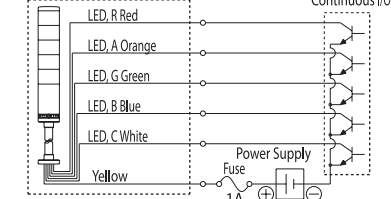
■ Fuse for outer contact protection

Voltage	Fuse
All voltage types	1A

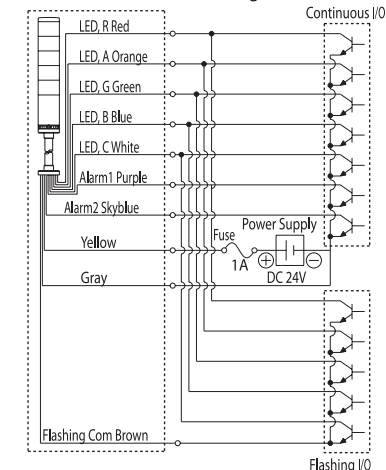
NPN(PNP)Transistor

DC24V NPN Transistor

■ Continuous only

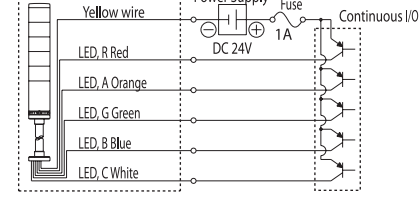


■ Continuous and Flashing with Alarm

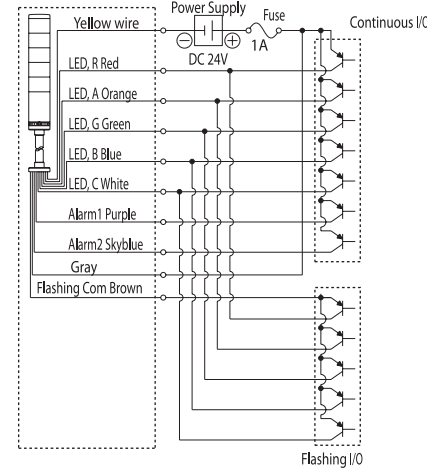


DC24V PNP Transistor(except for S/Q type)

■ Continuous only

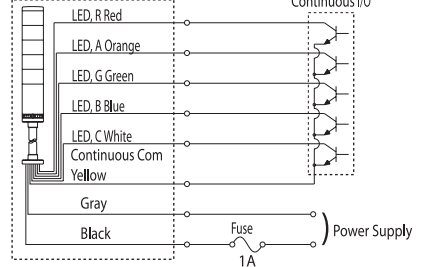


■ Continuous and Flashing with Alarm

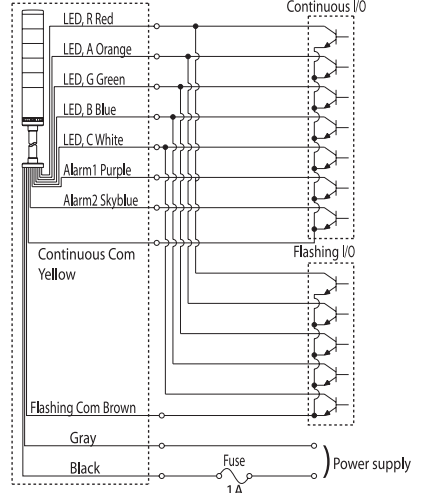


AC100/220V NPN Transistor

■ Continuous only



■ Continuous and Flashing with Alarm



Model	Transistor(NPN or PNP)	Voltage	Vc^35V
Current Capacity	Ic^100mA(LED UNIT) Ic^300mA(Buzzer)	Current Leakage	IL%1mA