

LME-S / LME-Q

Signal Tower



LED



Cabtire



90dB/m

Electronic Sound 2

Ø60

IP65

NPN
Open collector



Reflection system



High visibility from any angle



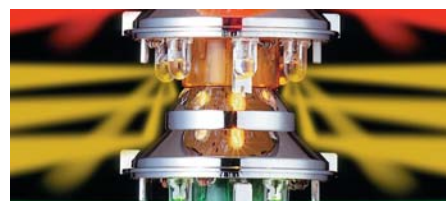
Adjustable volume
Max. 90dB/m

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 Modules: No re-wiring even after installation.
- Patlite's new single-tier, triple or quadruple-color unit: For application of multi-color display with limited vertical space.
- Pole-mount type: Includes circular mounting base as a standard equipment.
- Available Colors: Refer to color combination table (p. 36).

Available Special Order

- PNP compatible.
- Silver body.
- UL compliance.



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.

Patlite's new single-tier, triple-color or quadruple-color unit

S1: Red, Amber, Green



S4: Red, Green, Blue



S7: Amber, Green, Blue



Q1: Red, Amber, Green, Blue



Q2: Red, Amber, Green, Clear/White



Q4: Amber, Green, Blue, Clear/White

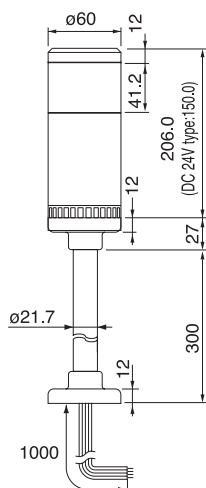


Clear lenses

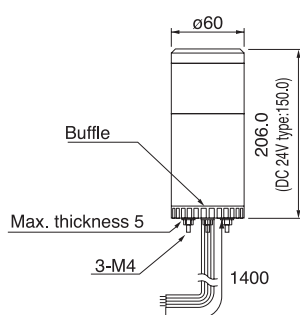
Patlite's new single-tier, multi-color unit is ideally suited for the installation requiring a multiple color display but limited vertical space. Clear lenses distinguish lit and unlit lamps, and the unlit set integrates visually with the equipment to which it is attached.

Dimensions

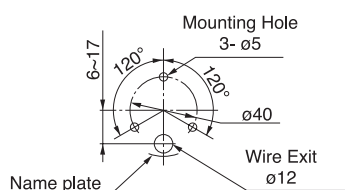
LME type



LME-W type



Mounting Dimension (LME-W)



(mm)



LME/LMS type
Circular mounting
bracket



Optional
Mounting Bracket
SZ-020



Optional
Mounting Bracket
SZ-013

Wiring Diagram

Note: See page 117 for wiring diagram

LME-S / LME-Q type

How to order (LCE type)

LME-S type

Number of stacks	Model	Rated Voltage	Power Consumption	Mass	
				LME	LME-W
1Light	-102	DC 24V	2.2W	0.42kg	0.28kg
	-110	AC 100V	5.1W	0.66kg	0.52kg
	-120	AC 220V			

FB type: approx. 60 flashes per minute.

LME-Q type

Number of stacks	Model	Rated Voltage	Power Consumption	Mass	
				LME	LME-W
1Light	-102	DC 24V	2.2W	0.42kg	0.28kg
	-110	AC 100V	5.1W	0.66kg	0.52kg
	-120	AC 220V			

FB type: approx. 60 flashes per minute.

LME-102UFBW-S1

Rated Voltage

02: AC/DC 24V
10: AC 100V
20: AC 220V

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)
W: Direct Mount

Color

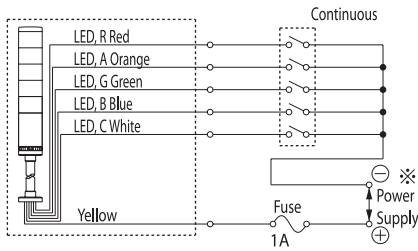
S1:
Red, Amber, Green
S4:
Red, Green, Blue
S7:
Amber, Green, Blue
Q1:
Red, Amber, Green, Blue
Q2:
Red, Amber, Green, Clear/
White
Q4:
Amber, Green, Blue, Clear/
White

LME/LMS Wiring Diagram

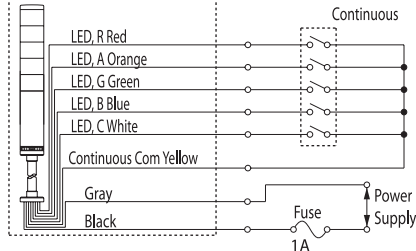
[LME/LMS-□□□(FB)(W)(L)(K) Model]

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

■ AC/DC 24V

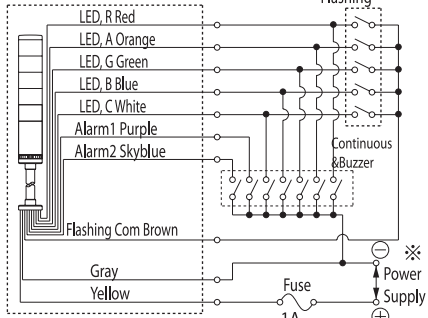


■ AC 100/220V(LME only)

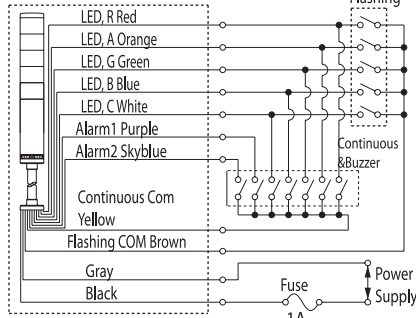


LME-FB(W)/LME(-W)-S-Q[Continuous/Flashing/Alarm type]

■ 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				



LME

LMS

■ 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

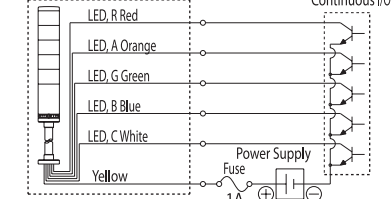
■ Fuse for outer contact protection

Voltage	Fuse
All voltage types	1A

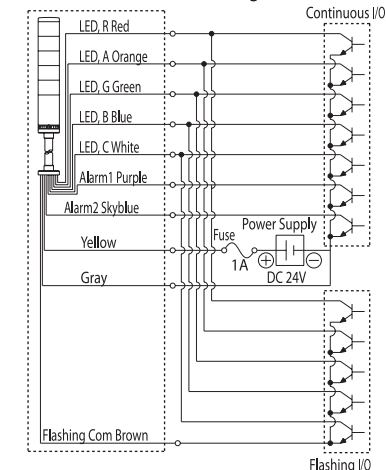
NPN(PNP)Transistor

DC24V NPN Transistor

■ Continuous only

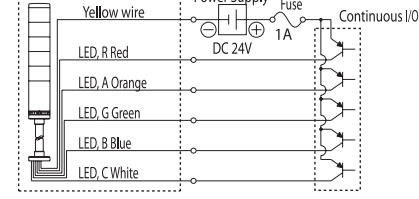


■ Continuous and Flashing with Alarm

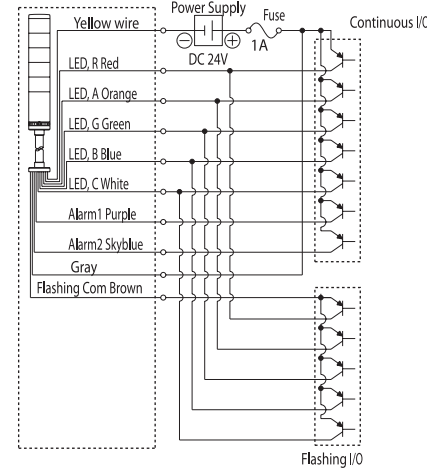


DC24V PNP Transistor(except for S/Q type)

■ Continuous only

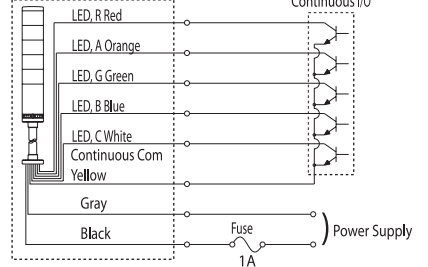


■ Continuous and Flashing with Alarm

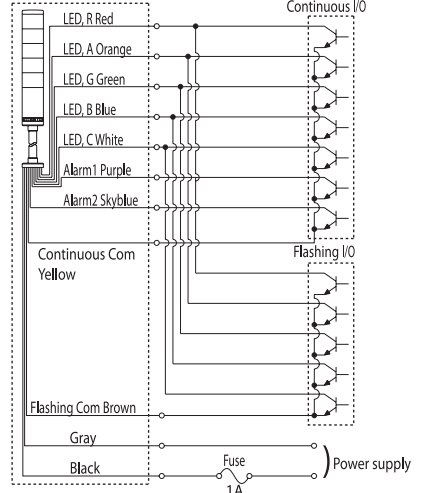


AC100/220V NPN Transistor

■ 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