

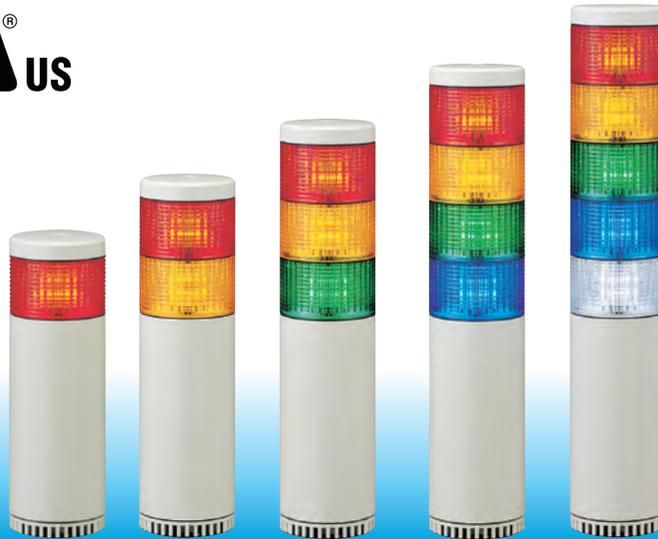


# LHE-A

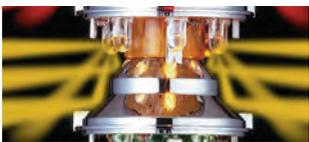
## Signal Tower



- LED**
- 2 Alarm Sounds** (FB Type)
- 90dB at 1m** (FB Type)
- IP65** (FB Type:IP54)
- Ø70**
- NPN Open-collector**



## The Signal Tower with a water resistant design for wet environments.



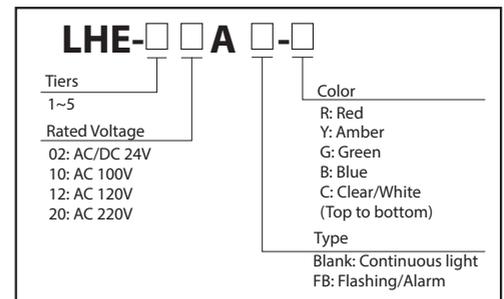
Dual Reflection System

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

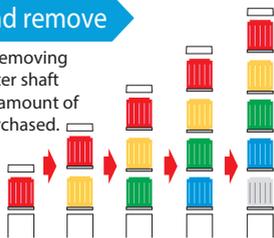
- Original LED reflection system to improve brightness and provide maintenance-free operation.
- Two built-in alarms (FB type)
- Adjustable volume of up to 90dB (at 1m).
- Direct mount installation is standard; pole-mount is available with the optional mounting pole.
- Interchangeable Modules need no re-wiring, even after installation.
- Lens is made of superior impact and heat resistant AS resin for superior durability and light transmission.
- Available colors are in Red, Amber, Green, Blue, and Clear/White.
- Has the CE mark and conforms to the requirements for the EC directive. (for 24V type)
- Is a UL Recognized Component (File No. E215660, for 24V type only).

## How to Order



### 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

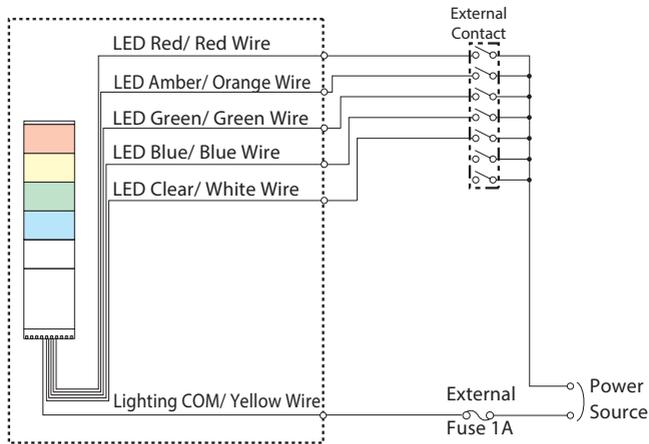
- Changeable color sequence: Easy to add/remove up to 5 colored modules even after installation.  
Note: LED modules of the same color within a signal tower will light up simultaneously.



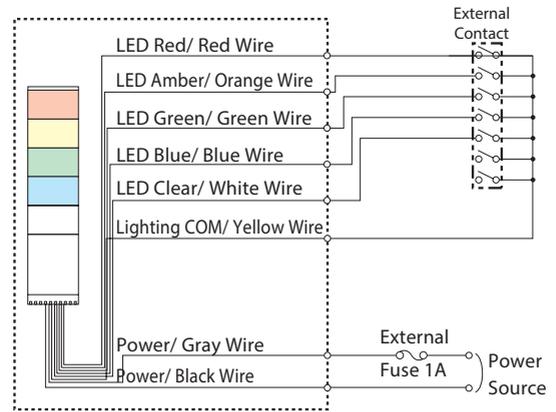
### Wiring doesn't change

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

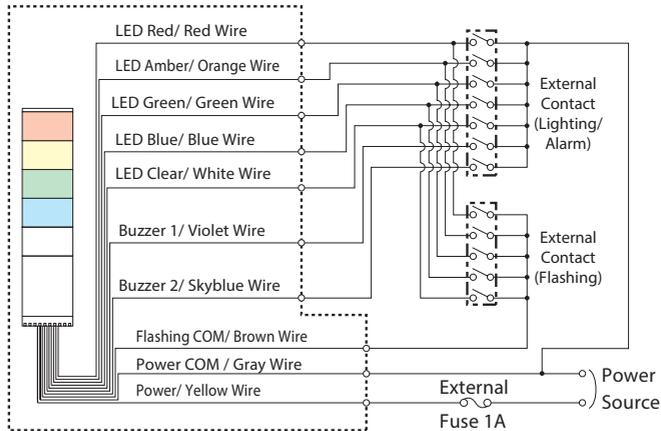
AC/DC 24V Lighting Type



AC Power Lighting Type



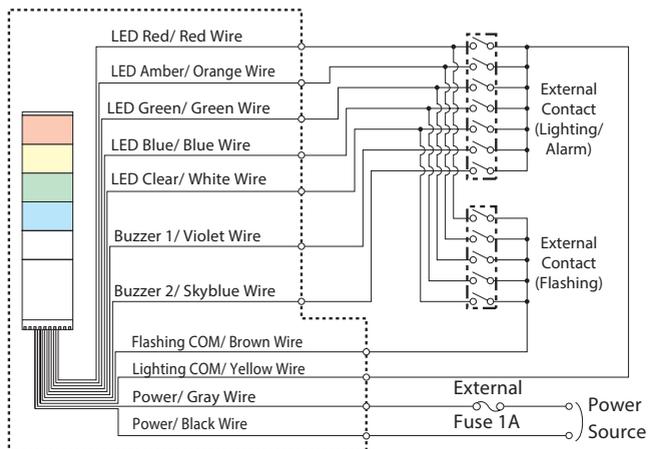
AC/DC 24V Lighting/Flashing Type



Signal Line voltage and current per LED Module

Rated Voltage	Signal Line Voltage	LED		Alarm	
		Signal Line Current R, Y	Signal Line Current G, C, B	Signal Line Current	Inrush Current
AC/DC 24V	AC/DC 24V	50mA	40mA	40mA	150mA
AC 100V	DC 24V	50mA	40mA		
AC 120V					
AC 220V					

AC Power Lighting/Flashing Type

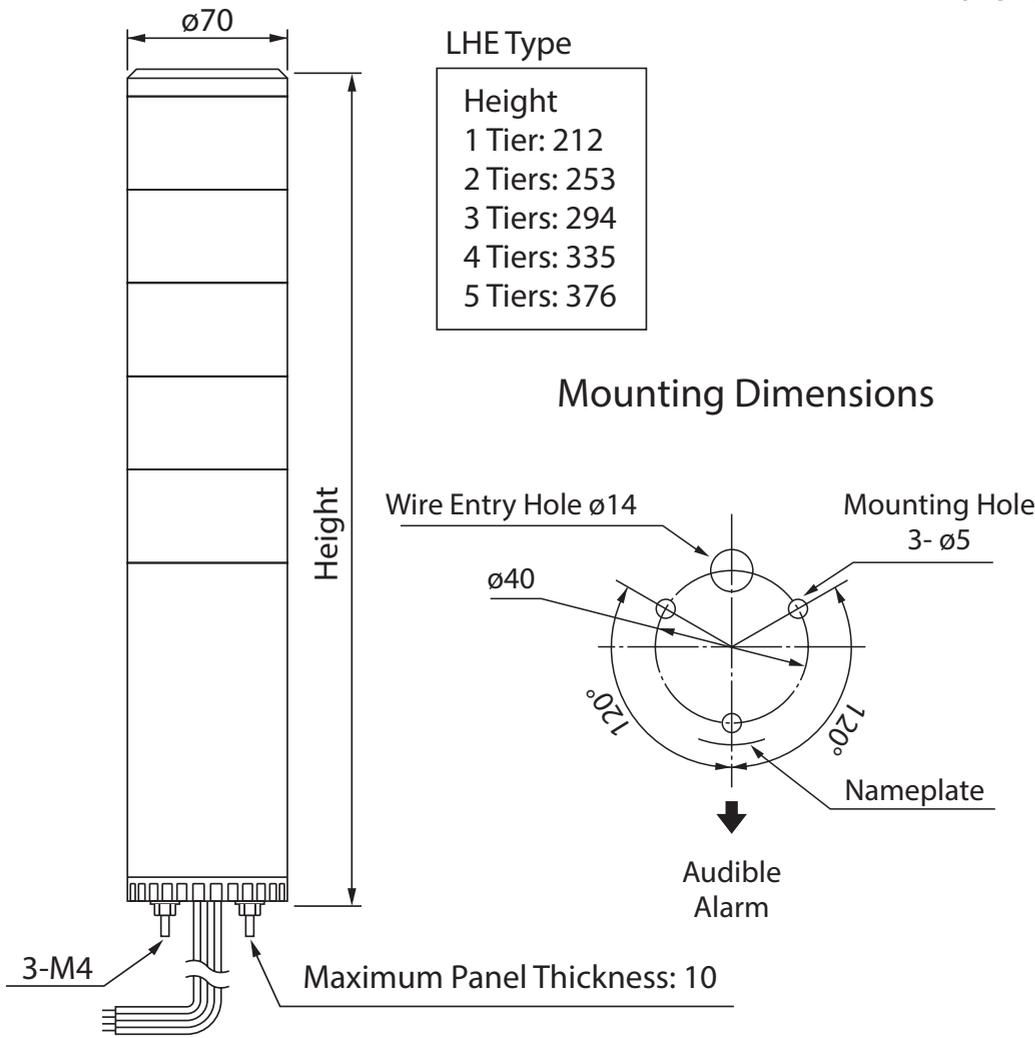


Lead-wire color coordination table

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

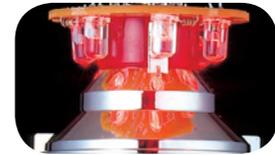
**Dimensions** (Unit: mm)



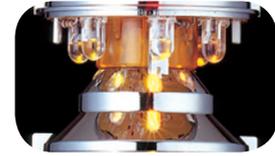
**LHE Type**

Height
1 Tier: 212
2 Tiers: 253
3 Tiers: 294
4 Tiers: 335
5 Tiers: 376

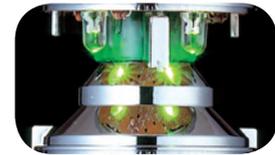
"Super Bright" LED provides the highest level of visibility.



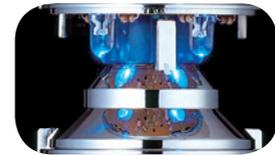
RED



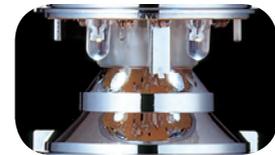
AMBER



GREEN



BLUE



CLEAR/WHITE

**Specifications**

Stack Number	Model	Rated Voltage	Power Consumption	Mass
1 Tier	LHE -102A/AFB	AC/DC 24V	2.2W	400g
	LHE -110A/AFB	AC 100V	4.7W	650g
	LHE -112A/AFB	AC 120V		
	LHE -120A/AFB	AC 220V		
2 Tiers	LHE -202A/AFB	AC/DC 24V	3.4W	450g
	LHE -210A/AFB	AC 100V	6.4W	700g
	LHE -212A/AFB	AC 120V		
	LHE -220A/AFB	AC 220V		
3 Tiers	LHE -302A/AFB	AC/DC 24V	4.4W	500g
	LHE -310A/AFB	AC 100V	7.9W	750g
	LHE -312A/AFB	AC 120V		
	LHE -320A/AFB	AC 220V		
4 Tiers	LHE -402A/AFB	AC/DC 24V	5.4W	550g
	LHE -410A/AFB	AC 100V	9.4W	800g
	LHE -412A/AFB	AC 120V		
	LHE -420A/AFB	AC 220V		
5 Tiers	LHE -502A/AFB	AC/DC 24V	6.4W	600g
	LHE -510A/AFB	AC 100V	10.9W	850g
	LHE -512A/AFB	AC 120V		
	LHE -520A/AFB	AC 220V		