



LHE-A

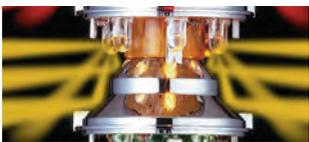
Signal Tower



- 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.



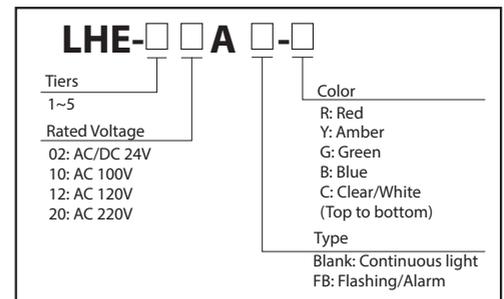
Dual Reflection System

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

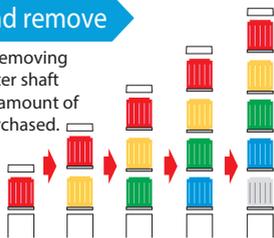
- Original LED reflection system to improve brightness and provide maintenance-free operation.
- Two built-in alarms (FB type)
- Adjustable volume of up to 90dB (at 1m).
- Direct mount installation is standard; pole-mount is available with the optional mounting pole.
- Interchangeable Modules need no 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

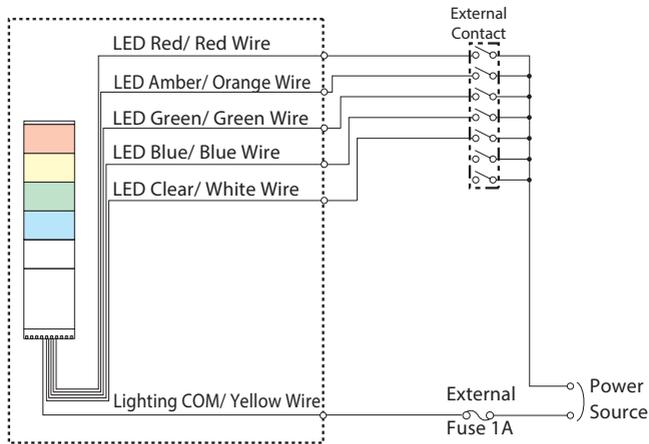
- Changeable color sequence: Easy to add/remove up to 5 colored modules even after installation.
Note: LED modules of the same color within a signal tower will light up simultaneously.



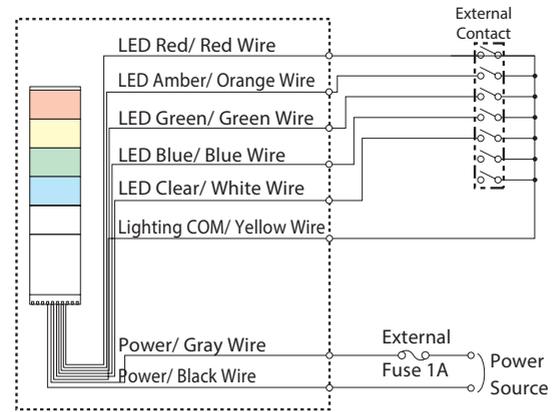
Wiring doesn't change

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

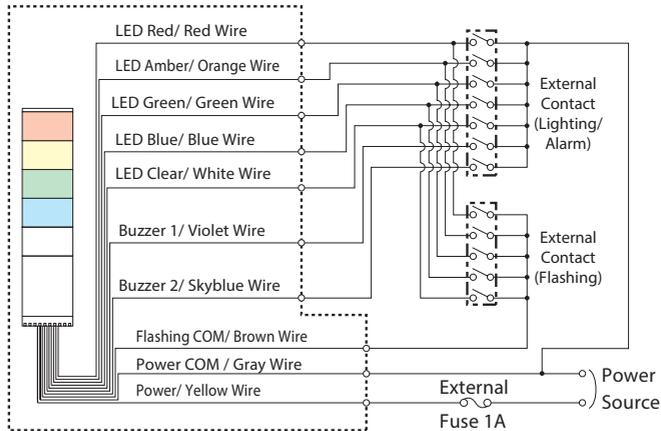
AC/DC 24V Lighting Type



AC Power Lighting Type



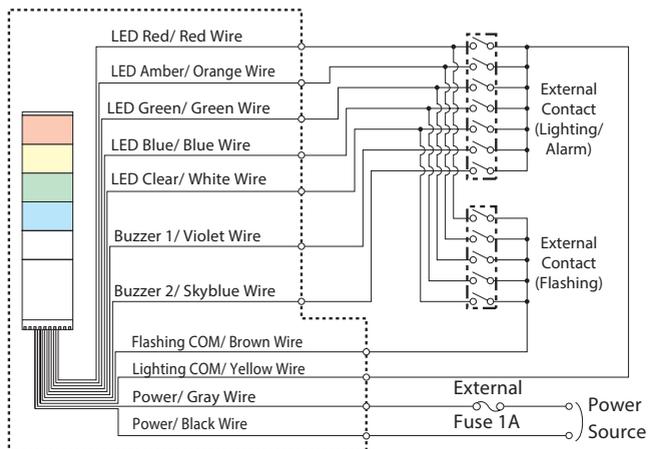
AC/DC 24V Lighting/Flashing Type



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

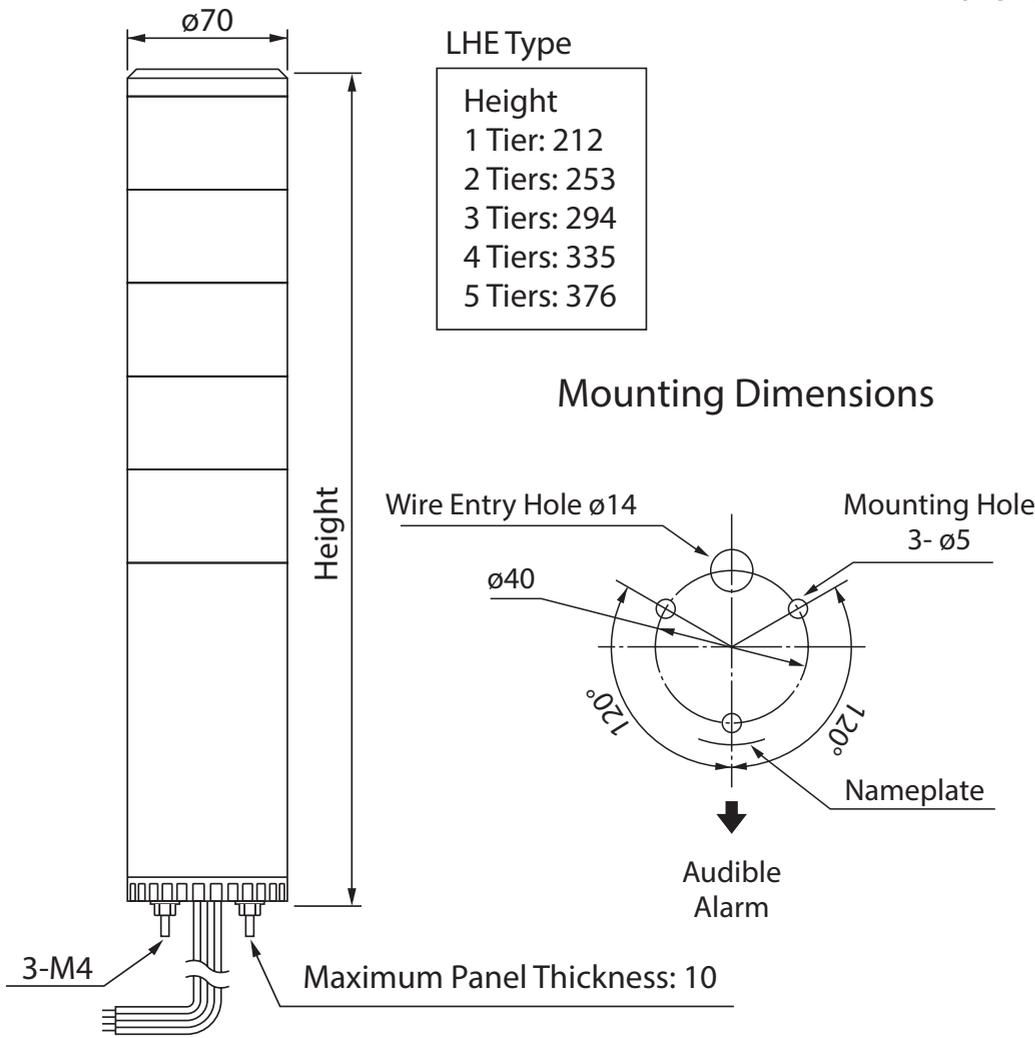


Lead-wire color coordination table

| 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 |

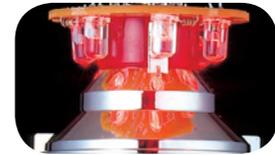
Dimensions (Unit: mm)



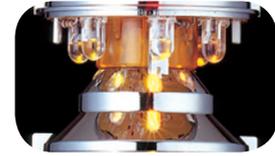
LHE Type

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

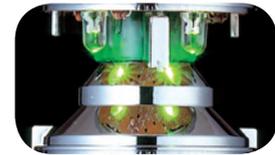
"Super Bright" LED provides the highest level of visibility.



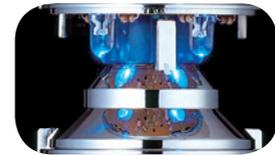
RED



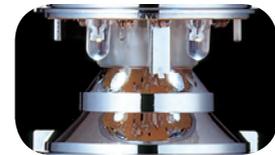
AMBER



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 | | |