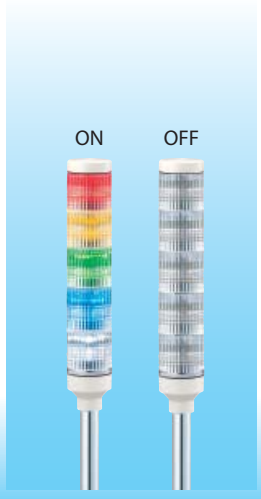
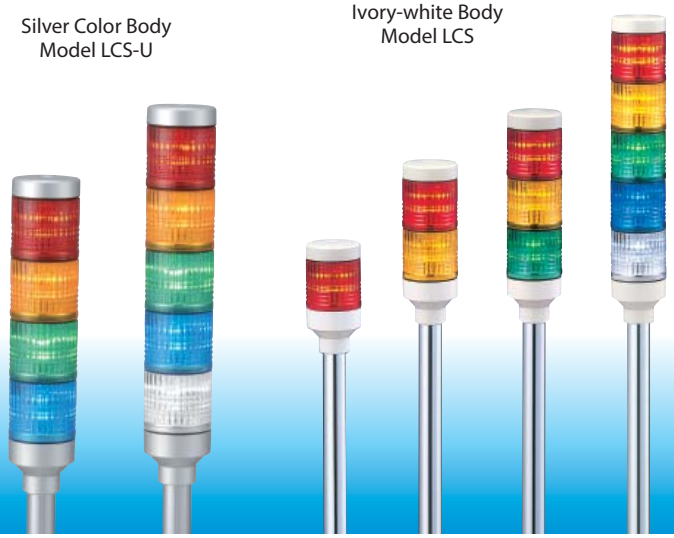
LCS/LCS-U

Signal Tower



When ordering the clear-lens Signal Tower type, be sure to add "-Z" at the end of the part number when ordering



RoHS

LED

IP54

Φ40

NPN/PNP Open-collector

Versatile LED Signal Tower, featuring high quality with low price.

Dual Reflection System

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

High visibility from any angle

FEATURES

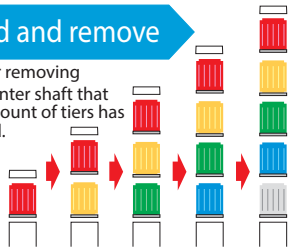
- PATLITE's exclusive hybrid prism-cut lens designed for enhanced visibility from any direction and distance.
- Original Dual Reflection System for enhanced light diffusion; creating bright, distinctive illumination while saving energy.
- Direct or pole mount installation.
- Color-coordinated wiring corresponding to the lens color for quick wiring and verification.
- Interchangeable LED Modules requires no re-wiring, even after installation.
- Main body made of ABS resin with superior resistance to impact and heat.
- Lens is made of superior impact resistant and light translucent AS resin.
- Available Colors are in Red, Amber, Green, Blue, and Clear/White.
- Has the CE mark and conforms to the requirements for the EC directive.
- Is a UL Recognized Component (File No. E215660).

AVAILABLE BY SPECIAL ORDER

- Cable: Versatile and flexible 3m cable.
- Body Color: Silver (LCS-U)
- All Clear Lenses: Distinctive color recognition when operated with clear lenses (B0738 type)
- Available Colors: Red, Amber, Green, Blue, White

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.

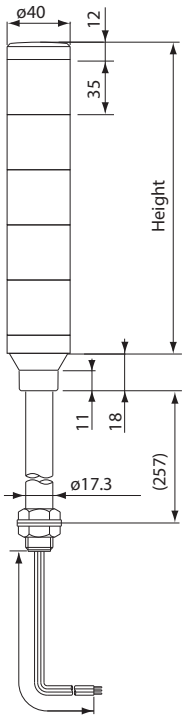
How to Order

LCS-502K- RYGBC-Z

- Tiers: 1~5
- Rated Voltage: 02: AC/DC 24V
- Mount: Blank: SZ-012 Pole Mount; K: SZ-021 Pole Mount
- LED Color: R: Red; Y: Amber; G: Green; B: Blue; C: Clear/White (Top to bottom)
- Lens Color: Blank: Colored lens; Z: Clear lens

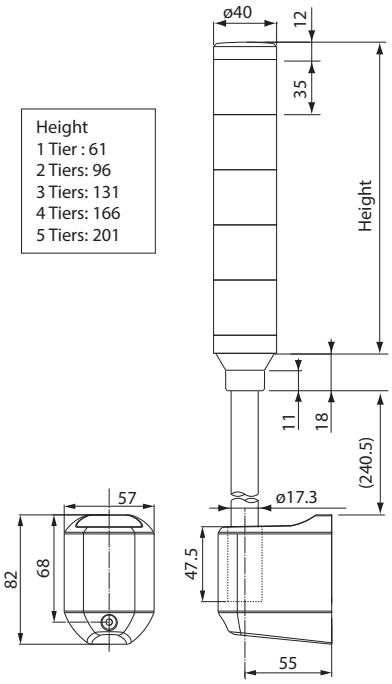
Dimensions

LCS Type



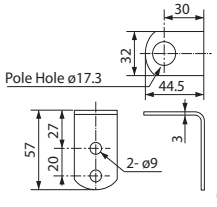
Wire Exit: about 1,150

LCS-K Type



Height
1 Tier : 61
2 Tiers: 96
3 Tiers: 131
4 Tiers: 166
5 Tiers: 201

Side-Mount Bracket



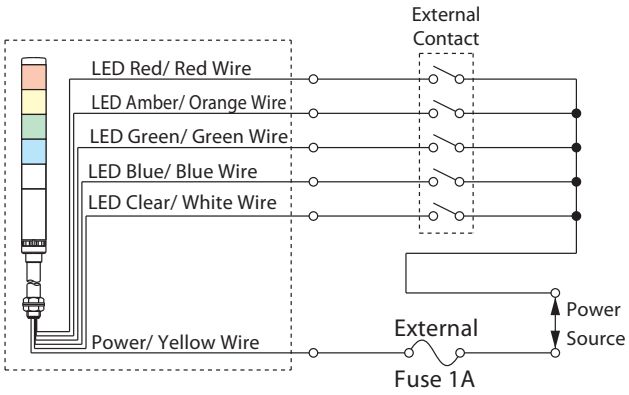
(Unit: mm)

Specifications

Stack Number	Model	Rated Voltage	Power Consumption	Mass	
				LCS	LCS-K
1 Tier	LCS-102	AC/DC 24V	0.7W	420g	540g
2 Tiers	LCS-202		1.4W	450g	570g
3 Tiers	LCS-302		2.0W	480g	600g
4 Tiers	LCS-402		2.6W	510g	—
5 Tiers	LCS-502		3.2W	540g	—

Wiring

- AC/DC 24V Lighting Type



Lead-wire color coordination table

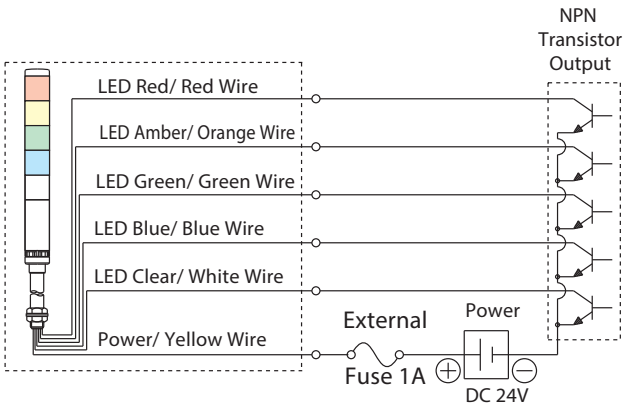
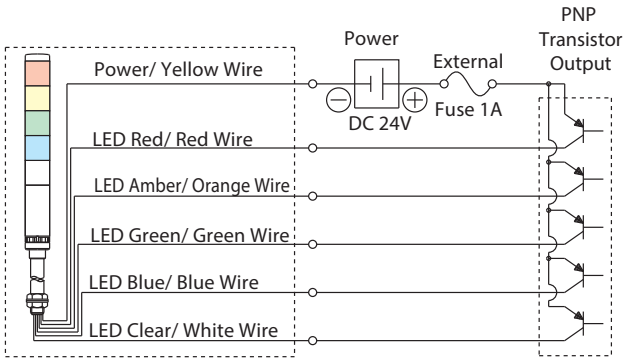
LED Unit Color	Lead Wire Color
Red	Red
Amber	Orange
Green	Green
Blue	Blue
Clear/White	White

Alarm Sounds	Lead Wire Color
Buzzer 1	Purple
Buzzer 2	Skyblue

Signal Line voltage and current per LED Module

Model	Voltage Type	Signal Line Voltage	LED		Alarm	
			Signal Line Current		Signal Line Current	Inrush Current
			R, Y	G, B, C		
LCS	AC/DC 24V	AC/DC 24V	30mA	25mA	40mA	250mA

- DC 24V NPN Type



- DC 24V PNP Type