

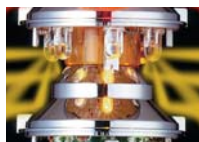


LED



Ø40

IP54

NPN/PNP
Open collectorReflection
systemHigh visibility
from any angle

Versatile LED Signal Tower featuring high quality and low price.

- 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 while saving energy. (PAT.P)
- Installation: Pole-mount only.
- Color-coordinated Wiring: Corresponds to the lens colors for quick wiring verification.
- Interchangeable LED Modules: No re-wiring even after installation.
- Main Body: ABS resin with superior resistance to impact and heat.
- Lens: Superior impact-resistant and light-translucent AS resin.
- Available Colors: Red, Amber, Green, Blue, Clear.

Available for Special Order

- Silver Body Type (LCS-U).
- Cabtire Cable: Versatile and flexible 3m cable.
- Clear Lens Style Module: Distinctive color recognition when operated (B0438 type).
- UL type (E215660).

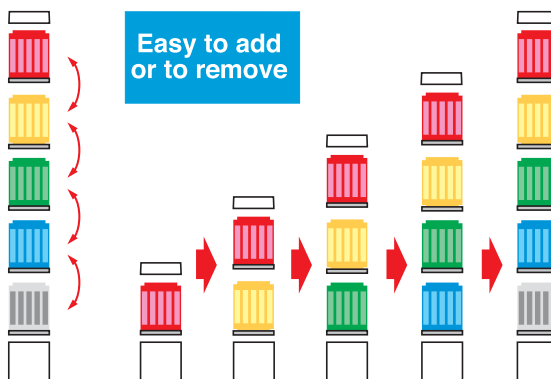
Interchangeable LED modules

- 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.

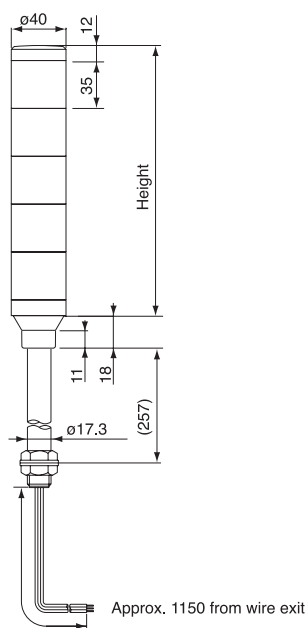
The corresponding wire color lights the module no matter where it is in the stack.
If the number of modules is changed, a separate shaft must be ordered.

Easy to add or to remove

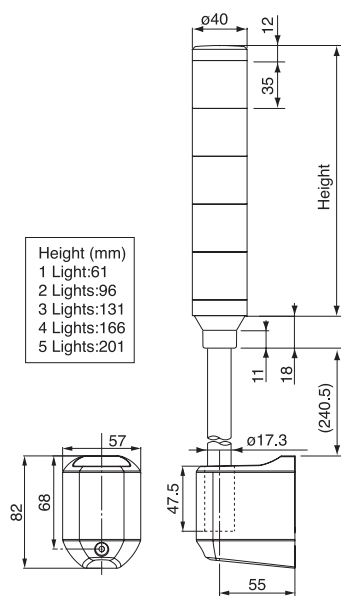


Dimensions

LCS type



LCS-K type



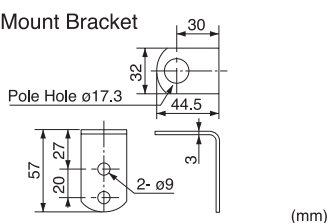
Clear lens style tower is also available.



Please add -Z at the end of the part number when ordering the clear lens style tower.



Side-Mount Bracket



Wiring Diagram

Note: See page 115 for wiring diagram

LCS type

Number of stacks	Model	Rated Voltage	Power Consumption	Mass	
				LCS	LCS-K
1Light	-102	AC/DC 24V	0.7W	0.42kg	0.54kg
2Lights	-202	AC/DC 24V	1.4W	0.45kg	0.57kg
3Lights	-302	AC/DC 24V	2.0W	0.48kg	0.60kg
4Lights	-402	AC/DC 24V	2.6W	0.51kg	—
5Lights	-502	AC/DC 24V	3.2W	0.54kg	—

How to order (LCS type)

LCS-502K-RYGB-C-Z

Stacks
1~5

Color of LED
R: Red
Y: Amber
G: Green
B: Blue
C: White
Top to bottom

Color of Lens
Blank: Color lens
Z: Clear lens

Rated Voltage
02: AC/DC 24V

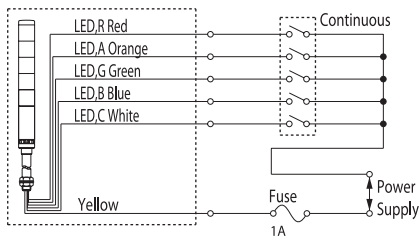
Mount
Blank: Pole Mount (with SZ-012)
K: Pole Mount (with SZ-021)

LCE/LCS Wiring Diagram

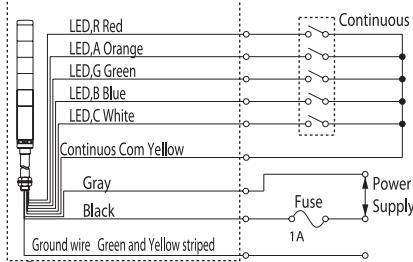
(LCE/LCS-□□□(FB)(W)(K) Model)

LCE/LCS [Continuous only]

■ AC/DC 24V

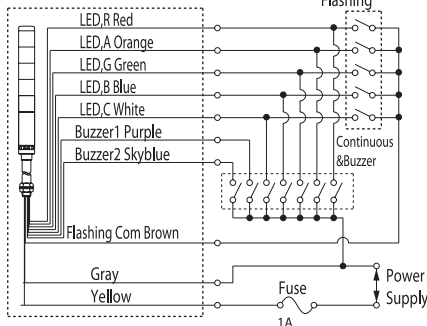


■ AC 90~250V

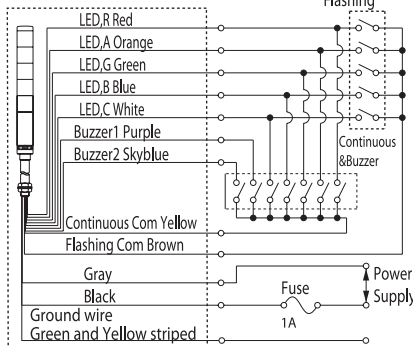


LCE [Continuous and Flashing with Alarm]

■ AC/DC 24V



■ AC 90~250V



■ Voltage and Amperage of lead wire per stack

Model	Voltage Type	Signal Line Voltage	LED		Alarm	
			Signal Line	Current	Signal Line	Current
LCE/LCS	AC/DC 24V	AC/DC 24V	R,Y	30mA	G,B,C	25mA
LCE-M2	AC90~250V	DC 24V	R,Y	30mA	G,B,C	25mA

■ Lead wire color correspondence table

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

Alarm	Color of Lead wire
Alarm1	Purple
Alarm2	Skyblue

■ Fuse for outer contact protection

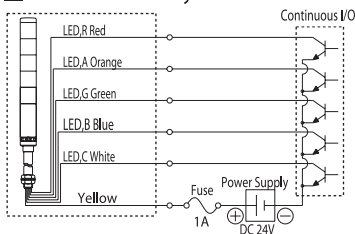
Voltage	Fuse
All voltage types	1A



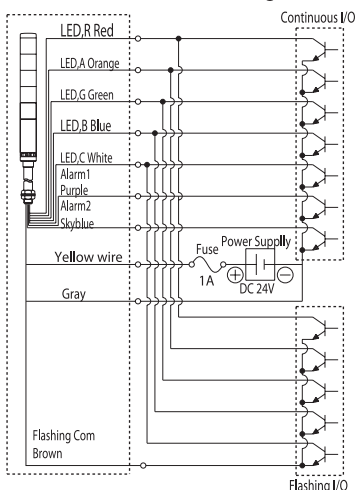
NPN(PNP) Transistor

DC24V NPN Transistor

■ Continuous only

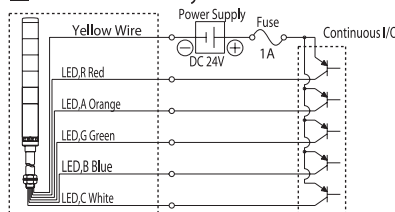


■ Continuous and Flashing with Alarm

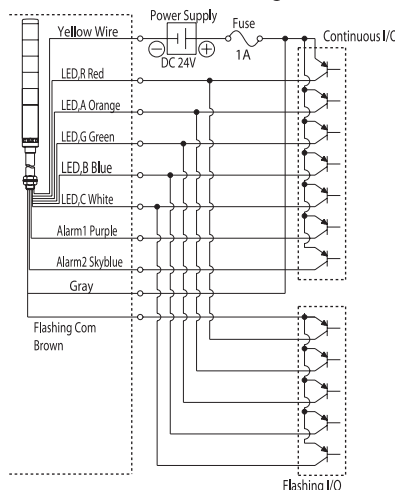


DC24V PNP Transistor

■ Continuous only

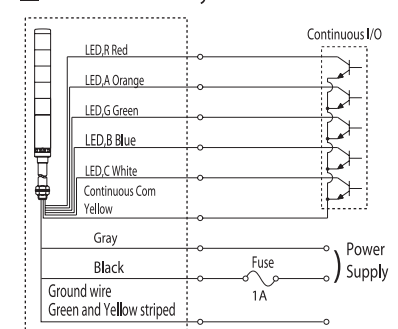


■ Continuous and Flashing with Alarm

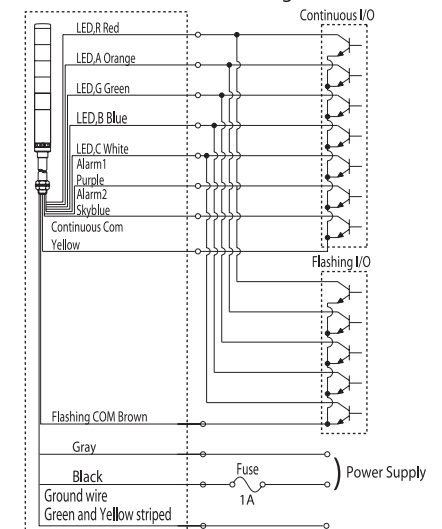


AC90~250V NPN Transistor

■ Continuous only



■ Continuous and Flashing with Alarm



Model	Transistor(NPN or PNP)
Current Capacity	Ic^100mA (LED UNIT) Ic^300mA (Alarm)

Withstand Voltage	Vc^35V
Current Leak	IL%1mA