

# LU5

## Signal Tower



LED



2 Alarm Sounds

85dB at 1m

IP65

Ø50

NPN/PNP  
Open-collector



## Versatile modular Signal Tower featuring easy assembly and wiring designed for every need.

### FEATURES

- PATLITE's exclusive hybrid prism-cut lens designed for enhanced visibility from any direction and distance.
- Two built-in alarms (FB Type) with selectable sound patterns.
- Maximum volume of up to 85dB (at 1m).
- Direct or pole\* mount installation.
- Color-coordinated Terminal block corresponding to the lens colors for quick wiring and verification.
- Interchangeable LED Modules requires no re-wiring, even after installation.
- Lens is made of superior impact and heat resistant polycarbonate resin for superior durability and light transmission.
- Available Colors are in Red, Amber, Green, Blue, and Clear/White.

### AVAILABLE BY SPECIAL ORDER

- Modules of the same color can be modified to operate from different terminals.

\* Optional part sold separately.

## How to Order



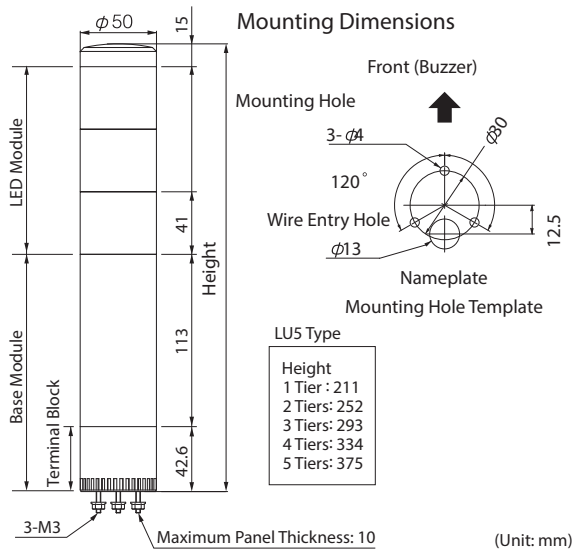
LED Module		Base Unit	
<b>LU5-E-R</b>		<b>LU5-02UFB</b>	
LED Unit	Color	Rated Voltage	Type
	R: Red	02: DC 24V	Blank: Continuous Light
	Y: Amber	Base Color	FB : Flashing/ Alarm
	G: Green	Blank: Ivory White	
	B: Blue	U : Silver	
	C: White/Clear	K : Black	

## Specifications (Module)

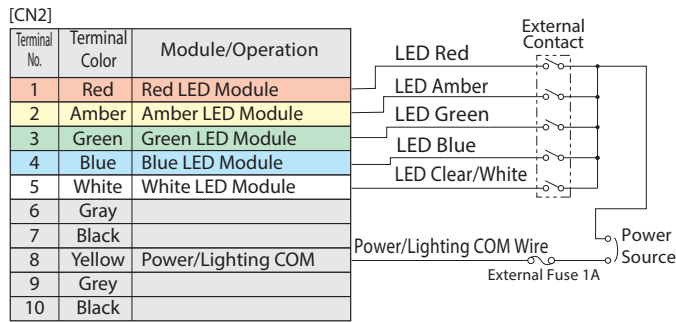
Module Color	Model	Rated Voltage	Operating Voltage Range	Current/ Power Consumption	Mass	
RED	LU5-E-R	DC 24V	21.6V - 26.4V	52mA/1.25W	44g	
AMBER	LU5-E-Y			42mA/1.25W		
GREEN	LU5-E-G					
BLUE	LU5-E-B					
CLEAR	LU5-E-C					

## Specifications (Base)

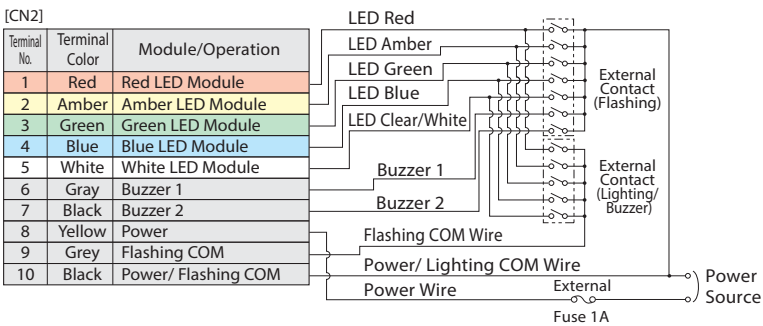
Model	Options	Rated Voltage	Operating Voltage Range	Open Collector	Mass
LU5-02	Continuous	DC 24V	21.6V - 26.4V	NPN/PNP	182g
LU5-02FB	2 Sounds/Flash				200g



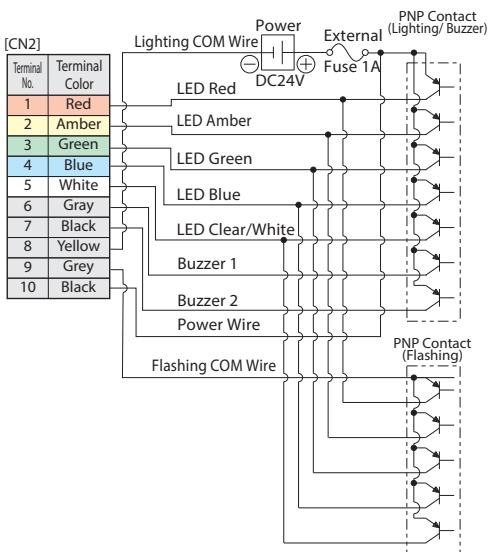
## • AC/DC 24V Lighting Type



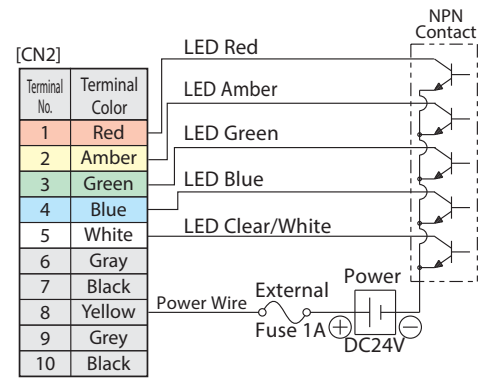
## • AC/DC 24V Lighting/Flashing Type



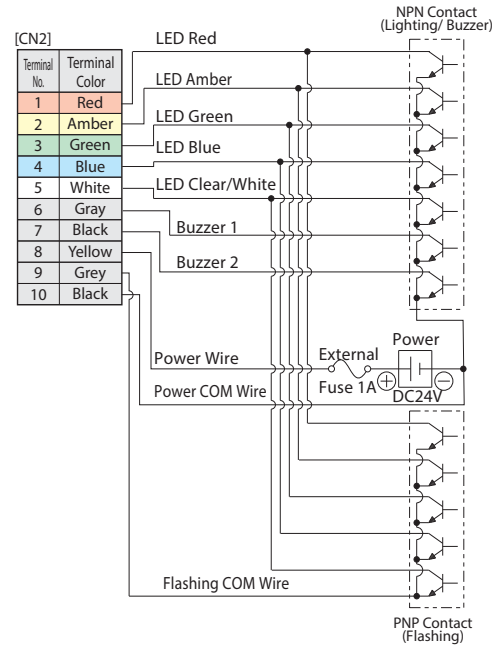
## • DC 24V PNP FB Type



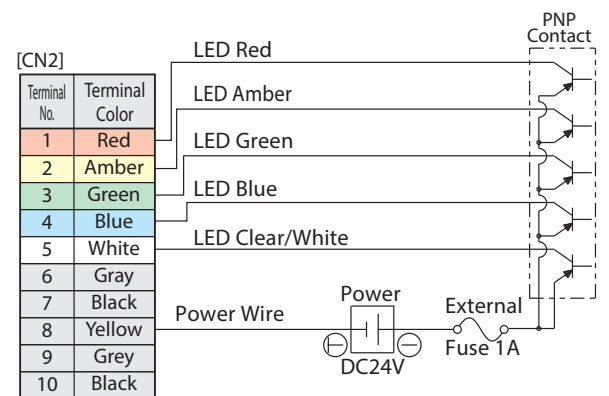
## • DC 24V NPN Type



## • DC 24V NPN FB Type

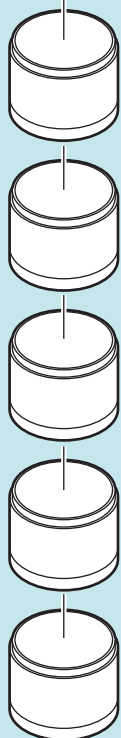


## • DC 24V PNP Type

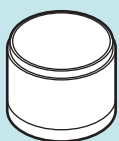







## External Contact Capacity

Specifications		24V DC
LED Unit (1 Unit)	Current Consumption	Red,Amber: 52mA Green,Blue,White/Clear: 42mA
	Contact Capacity	Is≥100mA, Vs≥35V AC
Buzzer	Current Consumption	50mA
	Inrush Current	100mA
Power Supply	Contact Capacity	Is≥100mA, Vs≥35V AC
	Current Consumption	360mA
External Contact Fuse	Contact Capacity	Is≥500mA, Vs≥35V AC
	Voltage	Fuse Amperage Rating
All Models		250V, 1A



## LED Units



Model	LU5-E-R	LU5-E-Y	LU5-E-G	LU5-E-B	LU5-E-C
Unit Color					
Rated Voltage	DC 24V				
Operating Voltage Range	DC 21.6 ~ 26.4V				
Current/Power Consumption	52mA/1.25W		42mA/1.0W		
Operating Temperature Range	-30°C ~ +60°C				
Mass (±10%)	44g				

RED AMBER GREEN BLUE CLEAR/WHITE

## BASE Units



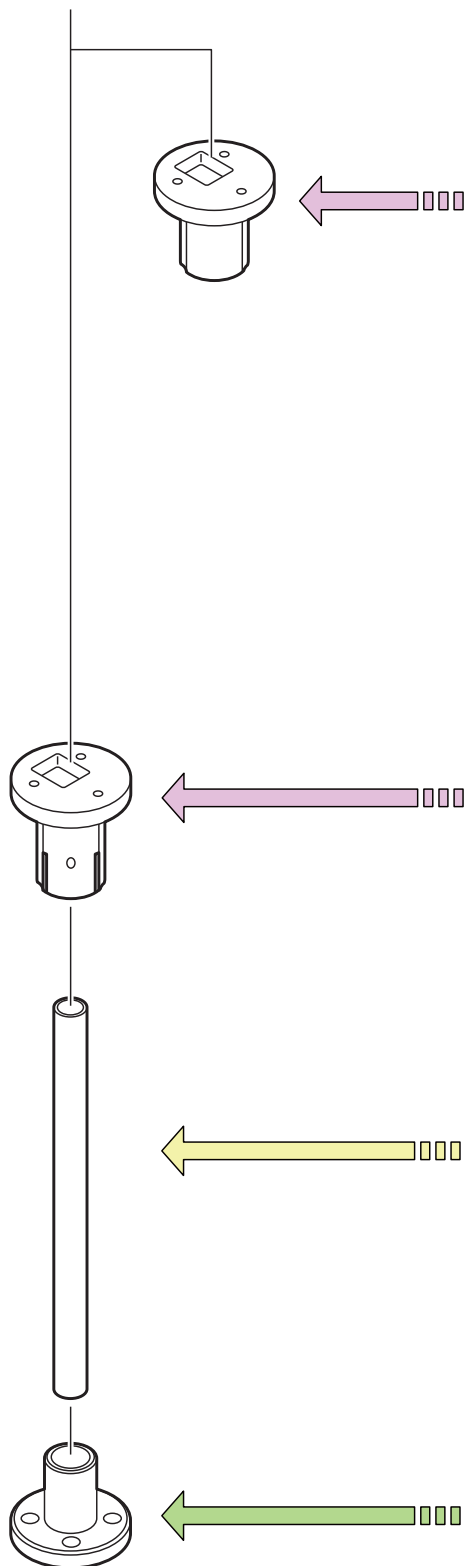
Model	LU5-02		LU5-02FB	
Color	<div><div></div><div></div><div></div></div>			
Body Style	Standard			
Rated Voltage	DC 24V			
Operating Voltage Range	DC 21.6 ~ 26.4V			
Alarm			*Buzzer 1	*Buzzer 2
Current Consumption			50±10mA	24±10mA
Power Consumption			1.2±0.25W	0.58±0.25W
Sound Level			Max:85±5dB (at 1m)	
Flashing Cycle			60±12 flashes per minutes	
Operating Temperature Range	-30°C ~ +60°C			
Mounting Direction	Upright, indoor only			
Protection Rating	IP65			
Mass (±10%)	182g		200g	
Open Collector	PNP/NPN			

\* Buzzer 1 : Continuous Sound \*\*Buzzer 2 : Intermittent Sound

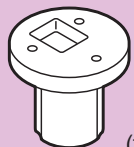
Ivory White Silver Color (U) Black Color (K)

Optional Parts

## Optional Parts

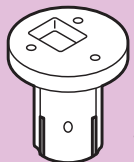


### Upper Bracket



SZ-60NPT  
(for 1/2" NPT Pole)

### Upper Bracket



SZ-60-U

### Pole



21.7mm

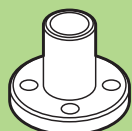
#### Steel Pole

Model	POLE-800S21	POLE-300S21	POLE-100S21
Height	800mm	300mm	100mm

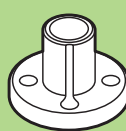
#### Aluminum Pole

Model	POLE-800A21	POLE-300A21	POLE-100A21
Height	800mm	300mm	100mm

### Mounting Bracket



SZ-016A  
(For  $\phi 21.7$ mm Pole)



SZ-70-B  
(For  $\phi 21.7$ mm Aluminum Pole Only)

### Wall Mount Bracket



SZ-020  
(For  $\phi 21.7$ mm Pole)



SZ-017  
(For  $\phi 21.7$ mm Pole)