

LU5

Signal Tower


LED

2 Alarm Sounds
85dB at 1m
IP65
Ø50
**NPN/PNP
Open-collector**


生産終了
Production end



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	
LU5-E-R		LU5-02UFB	
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	

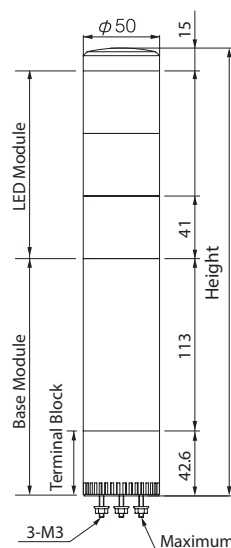
Specifications (Module)

Module Color	Model	Rated Voltage	Operating Voltage Range	Current/ Power Consumption	Mass
RED	LU5-E-R	DC 24V	21.6V - 26.4V	44mA/1.06W	44g
AMBER	LU5-E-Y				
GREEN	LU5-E-G				
BLUE	LU5-E-B			17mA/0.41W	
CLEAR	LU5-E-C				

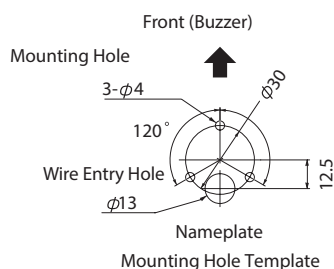
Specifications (Base)

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

Dimensions (Unit: mm)



Mounting Dimensions

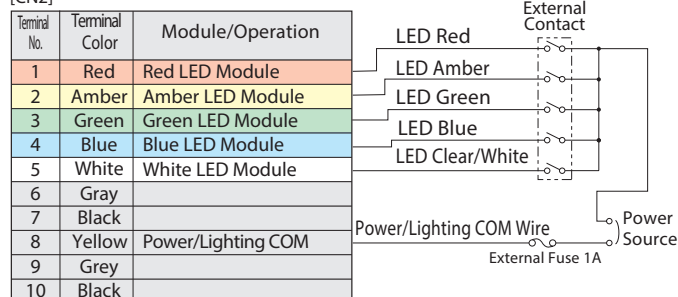


LU5 Type

Height
1 Tier: 211
2 tiers: 252
3 Tiers: 293
4 Tiers: 334
5 Tiers: 375

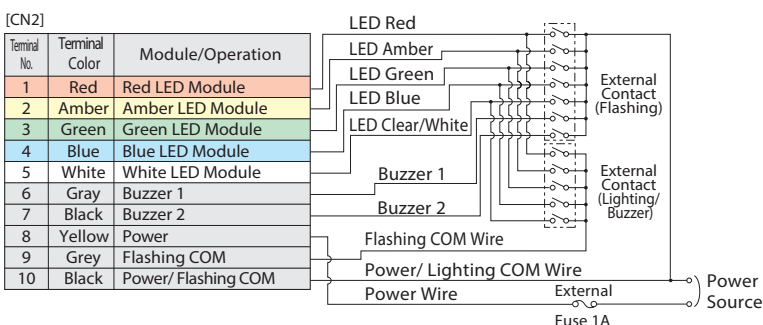
• AC/DC 24V Lighting Type

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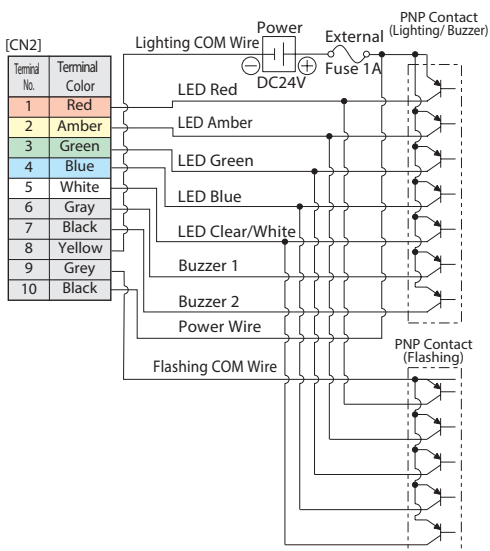


• AC/DC 24V Lighting/Flashing Type

[CN2]



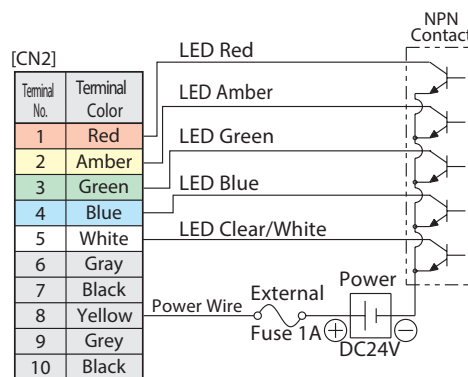
• DC 24V PNP FB Type



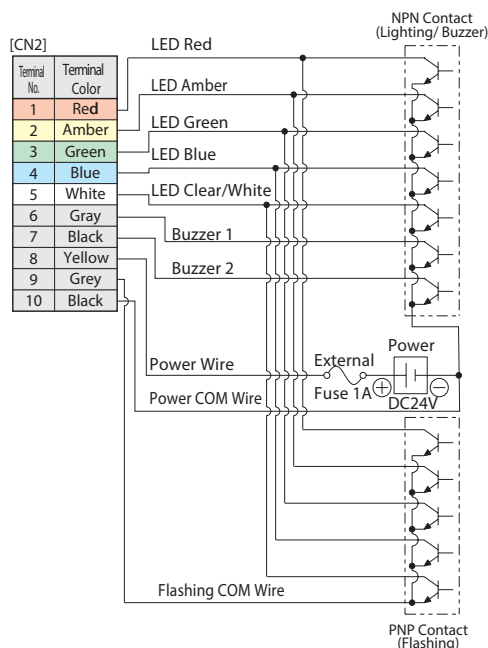
Wiring

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Production end

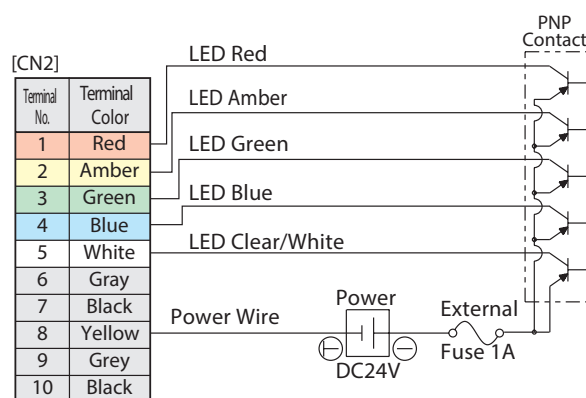
• DC 24V NPN Type



• 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
	Contact Capacity	Is≥100mA, Vs≥35V AC
Power Supply	Current Consumption	360mA
	Contact Capacity	Is≥500mA, Vs≥35V AC
External Contact Fuse		
Voltage		Fuse Amperage Rating
All Models		250V, 1A

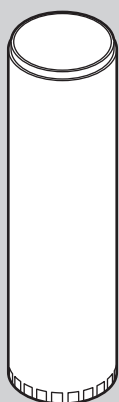
LED Units



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

RED AMBER GREEN BLUE CLEAR/WHITE

BASE Units



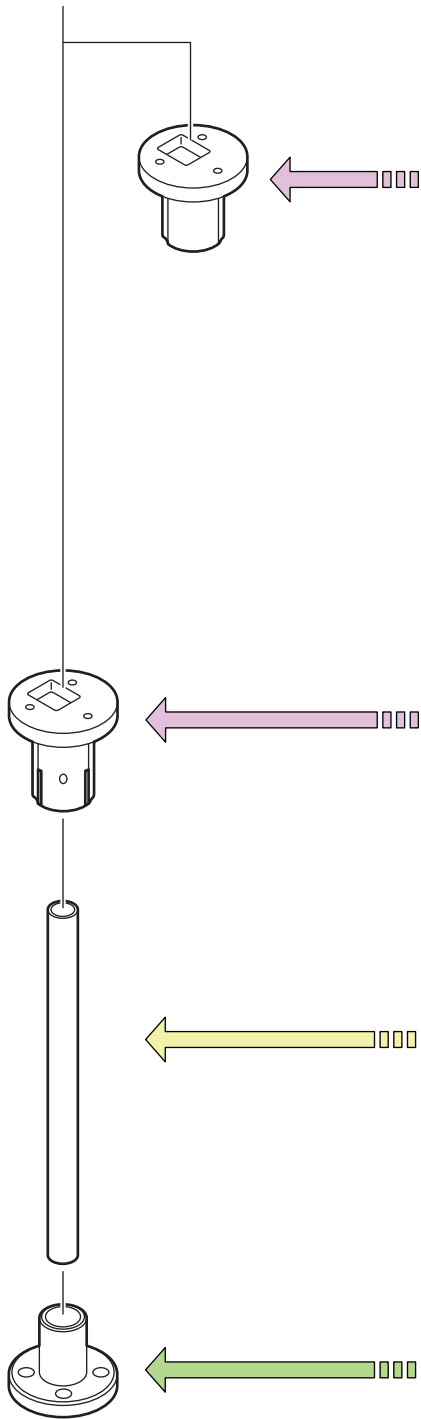
Model	LU5-02		LU5-02FB	
Color				
Body Style	Standard			
Rated Voltage	24V DC			
Operating Voltage Range	Rated Voltage $\pm 10\%$ (21.6 ~ 26.4V)			
Alarm			*Buzzer 1	*Buzzer 2
Current Consumption			50 $\pm$ 10mA	24 $\pm$ 10mA
Power Consumption			1.2 $\pm$ 0.25W	0.58 $\pm$ 0.25W
Sound Level			Max:85 $\pm$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

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

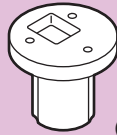
Ivory White Silver Color (U) Black Color (K)

Optional Parts

Optional Parts

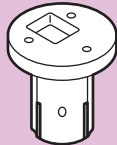


Upper Bracket



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

Upper Bracket



SZ-60-U

Pole



21.7mm

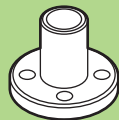
Steel Pole

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

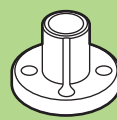
Aluminum Pole

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)