

LU5

Signal Tower



LED



85dB/m

Electronic Sound 2

ø50

IP65

**NPN/PNP
Open collector**



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

- PATLITE'S Exclusive Hybrid Prism-Cut Lens: For enhanced visibility from any direction and distance.
- Built-in Alarms (FB Type): 2 selectable sound patterns with adjustable volume up to 85dB (at 1m).
- Installation: Direct or pole* mount.
- Color-coordinated Wiring: Corresponds to the lens colors for quick wiring verification.
- Interchangeable LED Modules: No re-wiring even after installation.
- Lens: Superior impact- and heat-resistant polycarbonate resin for superior durability and light transmission.
- Available Colors: Red, Amber, Green, Blue, Clear.

* Optional part sold separately.

Available for Special Order

- RoHS Compliance.
- Silver Body.
- Modules of the same color can be modified to operate from different terminals.

How to order (LU5 type)

LED unit	base unit
LU5-E-R	LU5-02FB
LED unit	Type
Color	Blank: Continuous light
R: Red	FB: Continuous or flashing light with audible alarm
Y: Amber	
G: Green	
B: Blue	
C: White	
Rated Voltage	
02: DC24V	

LED unit



Module Color	Model	Rated voltage	Operating voltage	Current/Power	Operating temperature range	Mass
RED	LU5-E-R	DC24V	Rated voltage ± 10% (21.6~26.4V)	52mA/1.25W	-30°C~+60°C	44g ±10%
AMBER	LU5-E-Y					
GREEN	LU5-E-G					
BLUE	LU5-E-B					
CLEAR	LU5-E-C			42mA/1.0W		

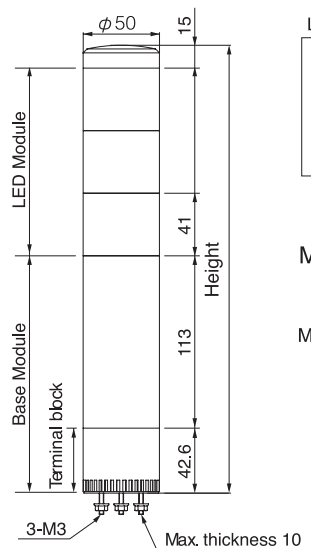
Base unit



Model	Options	Rated Voltage	Operating voltage	Operating temperature range	Mass	Open Collector
LU5-02	Continuous only	DC24	Rated voltage ± 10% (21.6~26.4V)	-30°C~+60°C	182g ±10%	PNP/NPN
LU5-02FB	2 sounds / Flash				200g ±10%	

FB type: approx. 60±12 flashes per minute

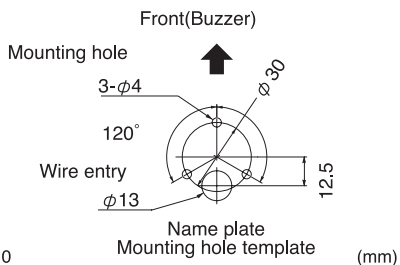
Dimensions



LU5 type

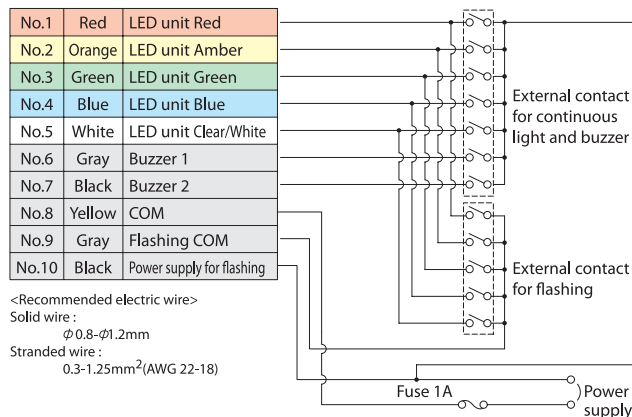
Height (mm)	
1 Light	: 211
2 Lights	: 252
3 Lights	: 293
4 Lights	: 334
5 Lights	: 375

Mounting Dimension



Wiring Diagram

LU5-02FB
24V DC

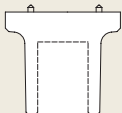
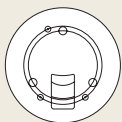


Option

Upper Bracket

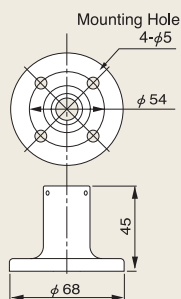


Indispensable for pole mounting

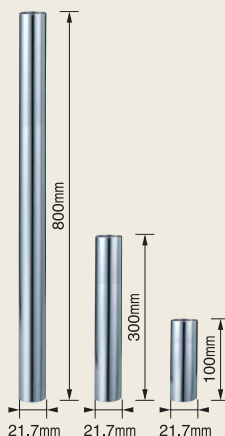


Mounting Bracket

SZ-016A
(For $\phi 21.7\text{mm}$ pole)



Steel Pole

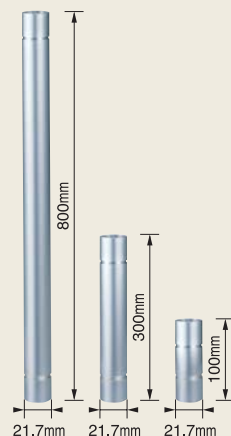


800mm : **POLE-800S21**

300mm : **POLE-300S21**

100mm : **POLE-100S21**

Aluminum Pole



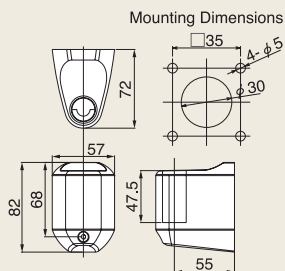
800mm : **POLE-800A21**

300mm : **POLE-300A21**

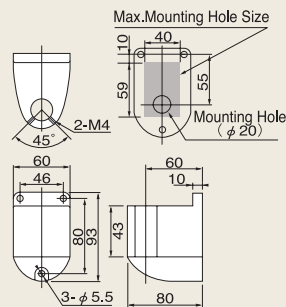
100mm : **POLE-100A21**

Wall Mounting Bracket

SZ-020
(For $\phi 21.7\text{mm}$ pole)



SZ-017
(For $\phi 21.7\text{mm}$ pole)



Model	Material
POLE- $\square\square\square$ S21	Steel
POLE- $\square\square\square$ A21	Aluminum
SZ-016A	ADC12

※ADC12...Aluminum alloy die-cast

Model	Material
SZ-70-B	ABS resin
SZ-017	ADC12
SZ-020	ABS resin