

ME-A / MES-A

Signal Tower



LED



Cabtire

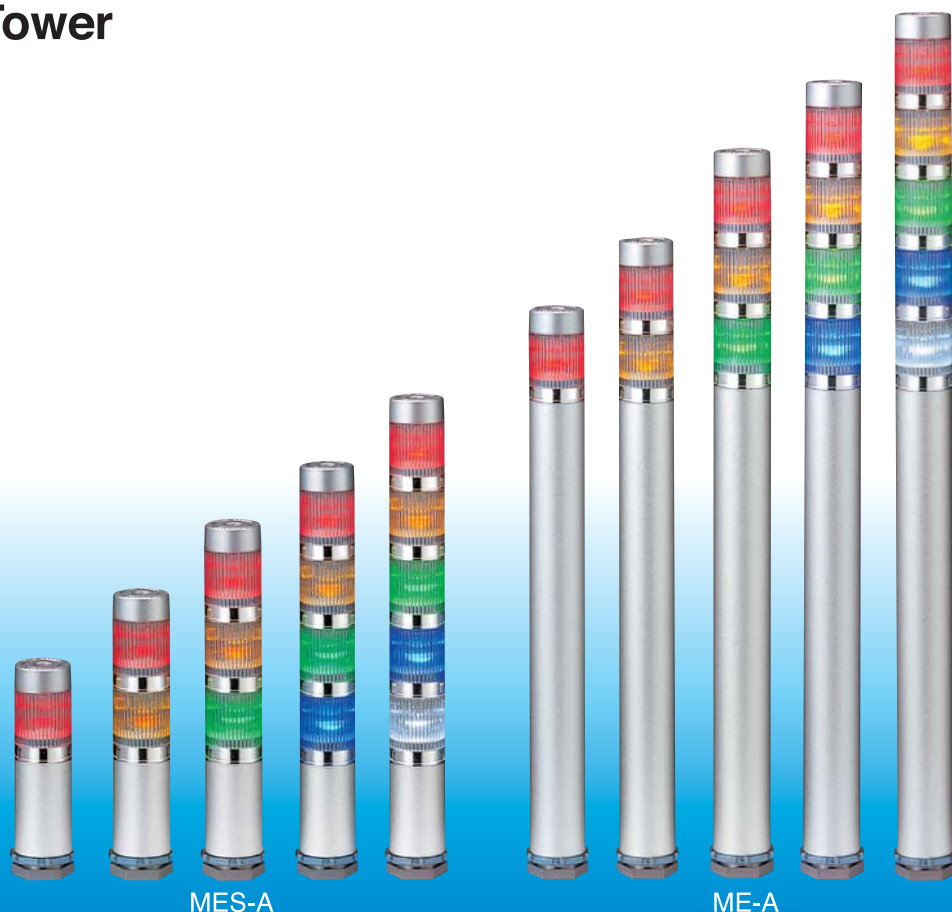
Special order



ø25

IP42

NPN
Open collector



Super slim ø25mm Signal Tower with rust-free aluminum body, ideal for small devices.

- PATLITE's Exclusive Hybrid Prism-Cut Lens: For enhanced visibility from any direction and distance.
- Enhanced Illumination: Special high intensity illumination design.
- Installation: Direct mount with a single hole.
- Interchangeable Modules: No re-wiring even after installation.
- Main Body: Corrosion-resistant anodized aluminum for retaining its external beauty.
- Lens: Superior impact- and heat-resistant polycarbonate resin for superior durability and light transmission.
- Available Colors: Red, Amber, Green, Blue, Clear/White.
- Body Size: MES 40mm, ME 200mm.

Available for Special Order:

- Cabtire Cable: Versatile and flexible 3m cable.
- Body Size: MEL 500mm.
- IP54 (for MES / ME / MEL -02T).
- PNP compatible: ME 24V 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 will light up simultaneously.

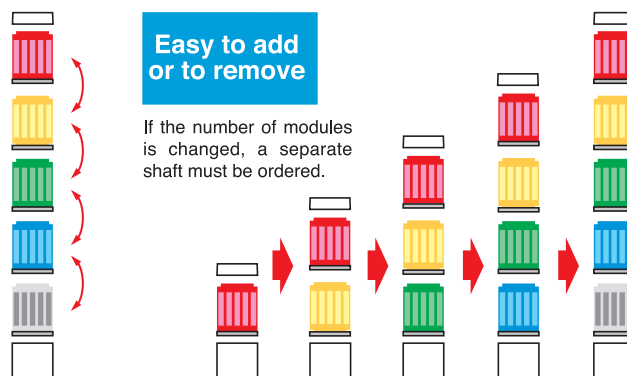
The wiring remains the same.

The corresponding wire color lights the module no matter where it is in the stack.

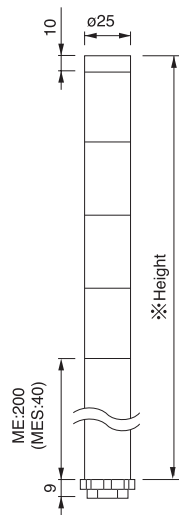
- Note: Add-on kit is required to add another LED module.

Easy to add or to remove

If the number of modules is changed, a separate shaft must be ordered.



Dimensions

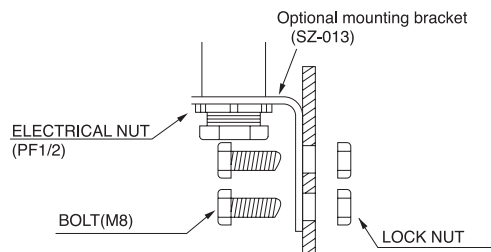
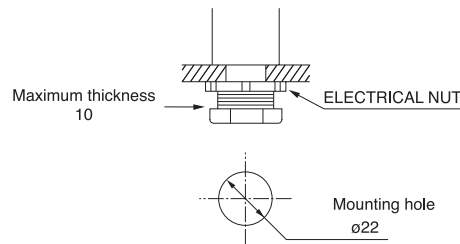


ME-A type

※ Height (mm)
1 Light:240
2 Lights:270
3 Lights:300
4 Lights:330
5 Lights:360

MES-A type

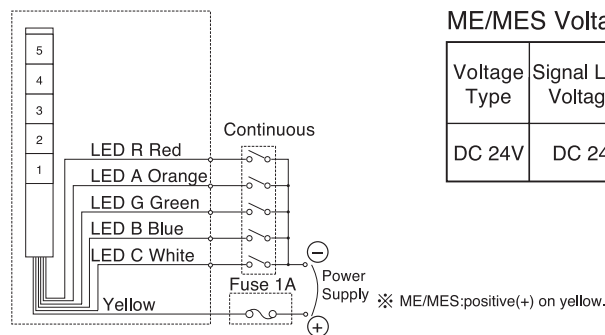
※ Height (mm)
1 Light:80
2 Lights:110
3 Lights:140
4 Lights:170
5 Lights:200



(mm)

It might be helpful to add a reference to the fact that the Chase Nut and inside threads of the MES / ME / MEL series is "1/2 inch NPT". This is a unique and useful feature for the ME series.

Wiring Diagram



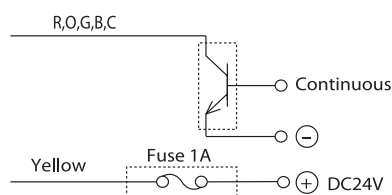
ME/MES Voltage and Amperage of lead wire per layer

Voltage Type	Signal Line Voltage	ME-A/MES-A Signal Line Current
DC 24V	DC 24V	R,Y: 25mA G,B,C: 20mA

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

DC 24V:NPN Transistor

NPN Transistor: Only ME/MES



Transistor Capacity

Model	ME/MES Transistor (NPN)
Current Capacity	Ic≥0.1A
Withstand Voltage	Vc≥35V
Current Leakage	I<0.1mA

ME-A / MES-A type

Number of stacks	Model	Rated Voltage	Power Consumption
1 Light	ME/MES-102A-R	DC 24V	0.6W
	ME/MES-102A-Y		0.6W
	ME/MES-102A-G		0.5W
	ME/MES-102A-B		0.5W
	ME/MES-102A-C		0.5W
2 Lights	ME/MES-202A-RY	DC 24V	1.2W
	ME/MES-202A-RG		1.1W
	ME/MES-202A-RB		1.1W
	ME/MES-202A-RC		1.1W
3 Lights	ME/MES-302A-RYG	DC 24V	1.7W
	ME/MES-302A-RYB		1.7W
	ME/MES-302A-RYC		1.7W
4 Lights	ME/MES-402A-RYGB	DC 24V	2.3W
	ME/MES-402A-RYGC		2.3W
5 Lights	ME/MES-502A-RYGBC	DC 24V	2.8W

How to order

