

ME-A / MES-A

Signal Tower



LED



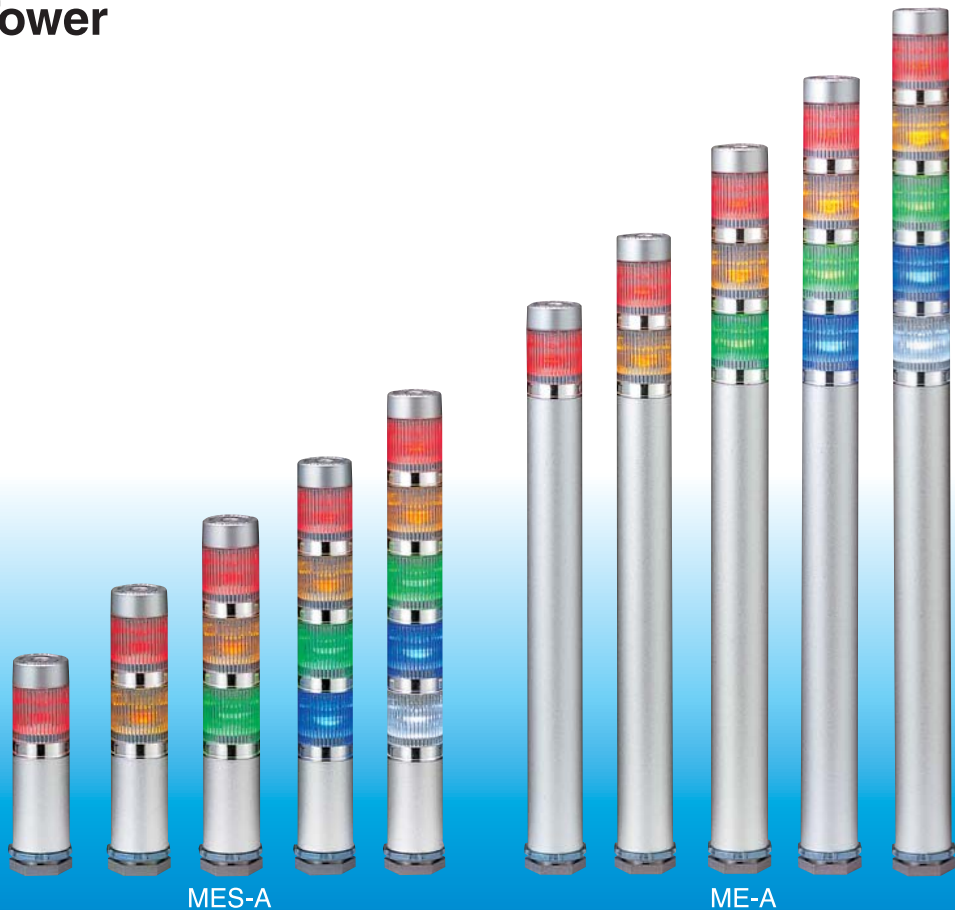
Cabtyre
(Special order)



ø25

IP42

NPN
Open collector



MES-A

ME-A

Super slim 25mm Signal Tower with 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 Length: MES 40mm, ME 200mm.
- Conforms to the CE requirements.
- UL Recognized Component (File No. E215660)

Available by Special Order

- Cabtyre Cable: Versatile and flexible 3m cable.
- Body Length: MEL 500mm.
- IP54 (for MES / ME / MEL).
- PNP compatible: ME 24V type.

Interchangeable LED modules

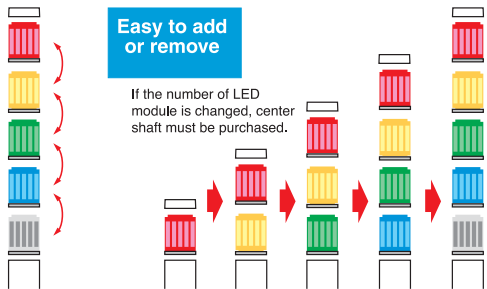
- Changeable color sequence: Easy to add/remove up to 5 colored modules even after installation.
- Note: LED modules of the same color will light up simultaneously.

The wiring remains the same.

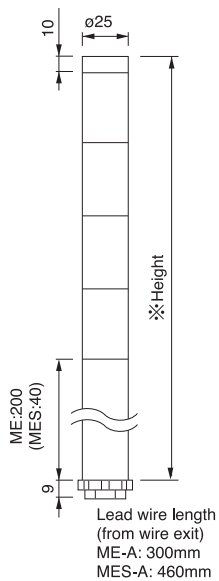
Each color of LED module corresponds to the lead wire color.

Easy to add or remove

If the number of LED module is changed, center shaft must be purchased.

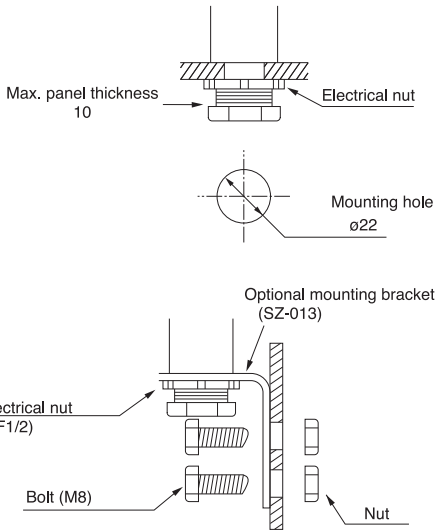


Dimensions



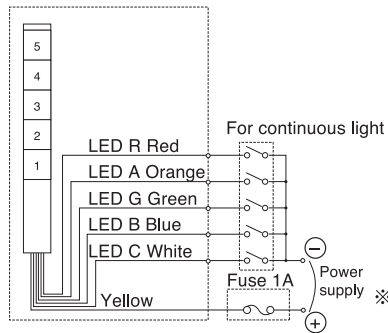
ME-A type
※ Height (mm)
1 Light: 240
2 Lights: 270
3 Lights: 300
4 Lights: 330
5 Lights: 360

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



(mm)

Wiring Diagram



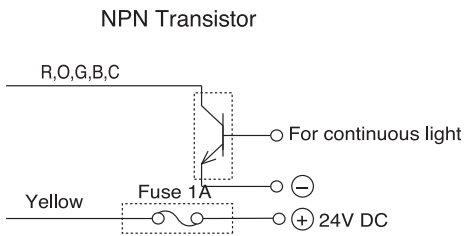
Signal line voltage and current per LED module

Rated Voltage	Signal Line Voltage	ME-A/MES-A Signal Line Current	Color of LED Unit	Color of Lead Wire
24V DC	24V DC	R, A: 25mA G, B, C: 20mA	Red	Red
			Amber	Orange
			Green	Green
			Blue	Blue
			Clear	White

※ ME/MES: positive(+) on yellow.

Note: See page 169 for wiring diagram

24V DC: NPN Transistor



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

Light Style	Model	Rated Voltage	Power Consumption
1 Light	ME/MES-102A-R	24V DC	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	24V DC	1.2W
	ME/MES-202A-RG		1.1W
	ME/MES-202A-RB		1.1W
	ME/MES-202A-RC		1.1W
	ME/MES-302A-RYG		1.7W
3 Lights	ME/MES-302A-RYB	24V DC	1.7W
	ME/MES-302A-RYC		1.7W
	ME/MES-402A-RYGB		2.3W
4 Lights	ME/MES-402A-RYGC	24V DC	2.3W
	ME/MES-502A-RYGBGC		2.8W

How to Order

ME-502A-RYGBGC	
ME: Standard Body MES: Short Body	Color
Stack 1~5	R: Red Y: Amber G: Green B: Blue C: Clear/White Top to bottom
Rated Voltage 02: 24V DC	