

MP-C

Signal Tower



LED



IP65

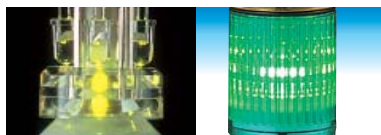
Ø30

M12 Cable

NPN/PNP
Open-collector

Super slim 30mm silver body Signal Tower with M12 disconnect.

Patented reflection
system increases visibility.

High-intensity
LEDGood visibility
from any direction

FEATURES

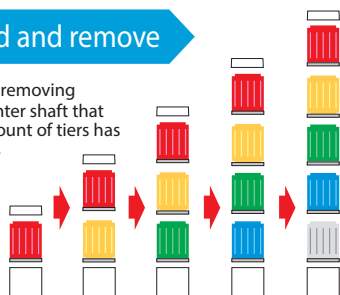
- Quick Disconnect M12 connector for the MP Signal Tower.
- PATLITE's exclusive hybrid prism-cut lens designed for enhanced visibility from any direction and distance.
- Double-insulated construction for enhanced durability and safety in the work environment.
- Direct mount installation with just a single hole.
- Interchangeable Modules need no re-wiring, even after installation.
- Main body is constructed of superior impact and heat resistant ABS resin.
- Lens is made of superior weather resistant and light translucent AS resin.
- Available in 1, 2 or 3 tier stacks with colors in Red, Amber and Green.
- Conforms to the CE requirements.
- UL Recognized Components (File No. E215660)



Optional MP-B Buzzer
(See pg. 199)

Easy to add and remove

- When adding or removing modules, the center shaft that matches the amount of tiers has to be purchased.



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 within a
signal tower will light up simultaneously.

Wiring doesn't change

- The LED Module colors correspond to the
wiring, so re-wiring is not necessary.



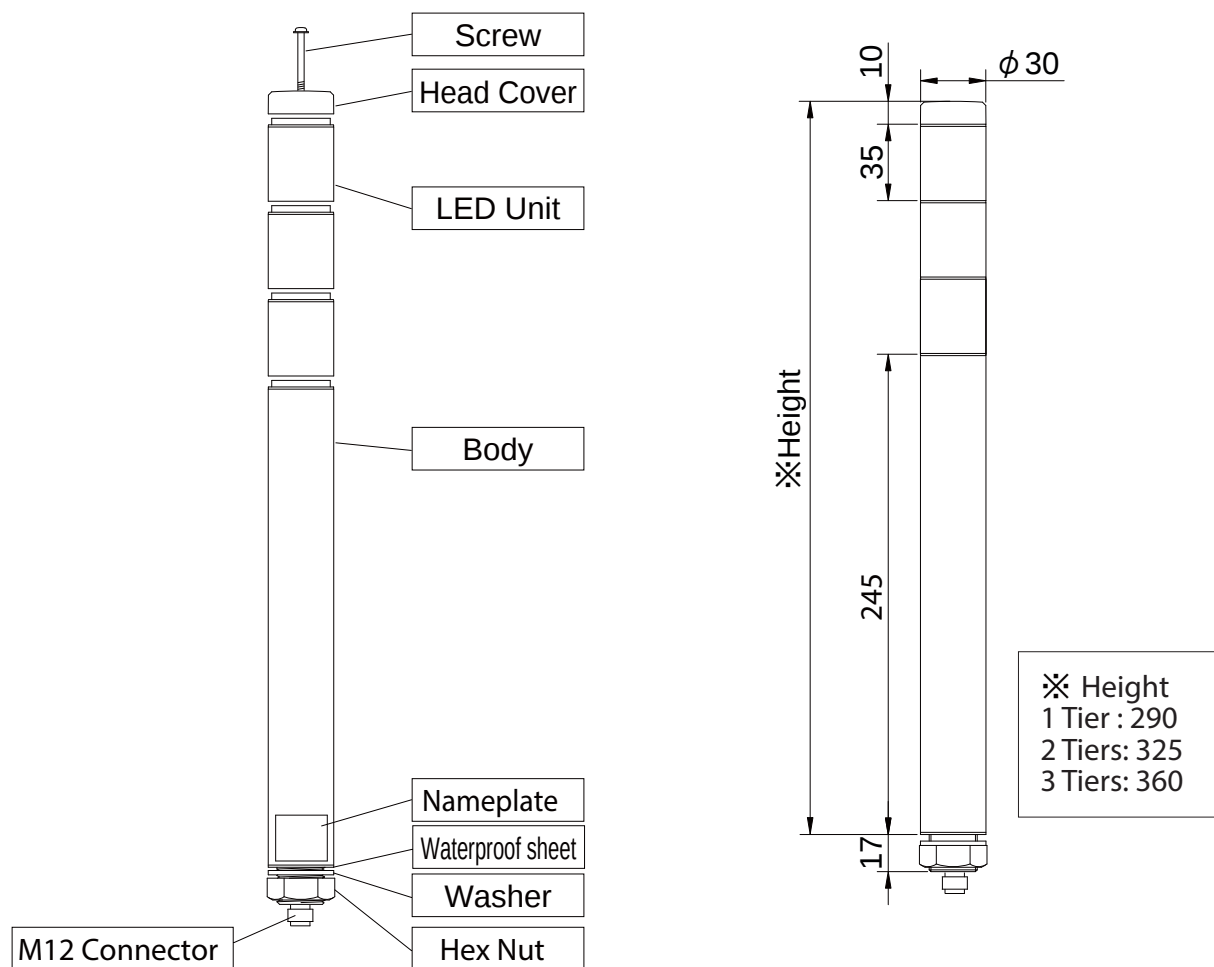
How to Order

MP-302-C-RYG		
Model		Color
MP : Standard Body		R: Red Y: Amber G: Green (Top to bottom)
Tiers		Lead Type
1~3		Blank : Wire Leads C : M12 Quick Disconnect
Rated Voltage		
02: AC/DC 24V		

Specifications

Stack Number	Model	Rated Voltage	Power Consumption	Mass
1 Tier	MP/MPS-102	AC/DC 24V	0.7W	240g
2 Tiers	MP/MPS-202		1.4W	260g
3 Tiers	MP/MPS-302		2.0W	280g

Part Names and Dimensions



Wiring

External Contact Capacity

I_s : Current Capacity

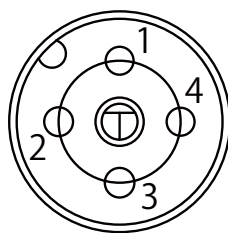
V_s : Withstand Voltage

LED Unit (1 Tier)	Current Consumption	Red: 29.0mA	Amber: 29.5mA	Green: 23.9mA
	Capacity	$I_s \geq 50\text{mA}$		$V_s \geq 35\text{V DC}$
Power Supply	Current Consumption	200mA		
	Capacity	$I_s \geq 200\text{mA}$		$V_s \geq 35\text{V DC}$

M12 Connector Pin No.

Pin No.	LED Unit Color
1	Green
2	Red
3	Common
4	Amber

- MP-C M12 Connector



M12 Connector
Pin Layout