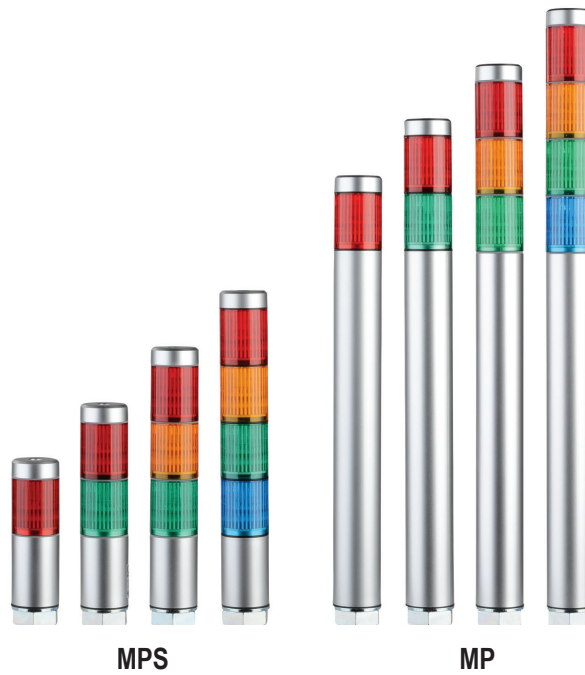


# PATLITE® 30mm LED Signal Towers

## Features

- Prism-cut lens design for enhanced visibility from any direction
- Double-insulated construction for enhanced durability and safety in the work environment.
- Direct mount installation with just a single hole.
- Interchangeable modules do not need re-wiring, even after installation
- Main body is constructed of superior impact and heat resistant ABS resin (not recommended for outdoor use).
- Lens is made of superior weather resistant and light translucent AS resin.
- Optional MP-B buzzer available. Please see accessories section for ordering information.
- UL recognized File No. E215660
- IP65 ingress protection rating



## 30mm LED Signal Towers Selection

Part Number	Price	Drawing Link	Modules		Polarity	Light Function	Wiring	Body Style	Mounting
			#	LED					
<a href="#">MPS-102-R</a>	\$93.00	<a href="#">PDF</a>	1	red	-	NPN/PNP	1000mm pigtail	Short body	Direct mount installation
<a href="#">MPS-202-RG</a>	\$121.00	<a href="#">PDF</a>	2	red, green					
<a href="#">MPS-302-RYG</a>	\$152.00	<a href="#">PDF</a>	3	red, amber, green					
<a href="#">MPS-402-RYGB</a>	\$180.00	<a href="#">PDF</a>	4	red, amber, green, blue					
<a href="#">MPS-102-RZ</a>	\$93.00	<a href="#">PDF</a>	1	red	Clear lens				
<a href="#">MPS-202-RGZ</a>	\$126.00	<a href="#">PDF</a>	2	red, green					
<a href="#">MPS-302-RYGZ</a>	\$156.00	<a href="#">PDF</a>	3	red, amber, green					
<a href="#">MPS-402-RYGBZ</a>	\$184.00	<a href="#">PDF</a>	4	red, amber, green, blue					
<a href="#">MPS-102C-R</a>	\$93.00	<a href="#">PDF</a>	1	red	-	M12 Connector	Standard body		
<a href="#">MPS-202C-RG</a>	\$114.00	<a href="#">PDF</a>	2	red, green					
<a href="#">MPS-302C-RYG</a>	\$151.00	<a href="#">PDF</a>	3	red, amber, green					
<a href="#">MP-102-R</a>	\$93.00	<a href="#">PDF</a>	1	red	-	1180mm pigtail	Standard body		
<a href="#">MP-202-RG</a>	\$128.00	<a href="#">PDF</a>	2	red, green					
<a href="#">MP-302-RYG</a>	\$151.00	<a href="#">PDF</a>	3	red, amber, green					
<a href="#">MP-402-RYGB</a>	\$182.00	<a href="#">PDF</a>	4	red, amber, green, blue					
<a href="#">MP-102-RZ</a>	\$100.00	<a href="#">PDF</a>	1	red	Clear lens				
<a href="#">MP-202-RGZ</a>	\$128.00	<a href="#">PDF</a>	2	red, green					
<a href="#">MP-302-RYGZ</a>	\$162.00	<a href="#">PDF</a>	3	red, amber, green					
<a href="#">MP-402-RYGBZ</a>	\$186.00	<a href="#">PDF</a>	4	red, amber, green, blue					
<a href="#">MP-102C-R</a>	\$93.00	<a href="#">PDF</a>	1	red	-	M12 Connector			
<a href="#">MP-202C-RG</a>	\$128.00	<a href="#">PDF</a>	2	red, green					
<a href="#">MP-302C-RYG</a>	\$157.00	<a href="#">PDF</a>	3	red, amber, green					

Note: Please see the accessories section of this section for optional and/or replacement components. Colors in order from left to right.

# PATLITE® 30mm LED Signal Towers

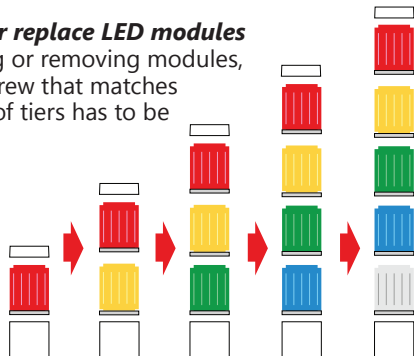
## Specifications

30mm LED Signal Towers Technical Specifications							
# of Tiers	Part Number	Rated Voltage	Operating Voltage	Power Consumption	Weight g [oz]		
1	<a href="#">MPS-102-R</a>	24V AC/DC	±10%	0.7 W	110 [3.88]		
	<a href="#">MPS-102-RZ</a>						
	<a href="#">MPS-102C-R</a>	24VDC					
	<a href="#">MP-102-R</a>	24V AC/DC					
	<a href="#">MP-102-RZ</a>						
	<a href="#">MP-102C-R</a>					24VDC	
2	<a href="#">MPS-202-RG</a>	24V AC/DC	±10%	1.4 W	130 [4.59]		
	<a href="#">MPS-202-RGZ</a>						
	<a href="#">MPS-202C-RG</a>	24VDC					
	<a href="#">MP-202-RG</a>	24V AC/DC					
	<a href="#">MP-202-RGZ</a>						
	<a href="#">MP-202C-RG</a>					24VDC	
3	<a href="#">MPS-302-RYG</a>	24V AC/DC	±10%	2.0 W	150 [5.29]		
	<a href="#">MPS-302-RYGZ</a>						
	<a href="#">MPS-302C-RYG</a>	24VDC					
	<a href="#">MP-302-RYG</a>	24V AC/DC					
	<a href="#">MP-302-RYGZ</a>						
	<a href="#">MP-302C-RYG</a>					24VDC	
4	<a href="#">MPS-402-RYGB</a>	24V AC/DC	±10%	2.6 W	170 [6.0]		
	<a href="#">MPS-402-RYGBZ</a>						
	<a href="#">MP-402-RYGB</a>						
	<a href="#">MP-402-RYGBZ</a>						
Signal wire current (Rated Current Consumption)	LED Unit	Red			Amber	Green	Blue
	Typical	29.0 mA			29.5 mA	17.1 mA	17.1 mA
	Max	32.7 mA	34.5 mA	21.4 mA	21.4 mA		
Luminosity		550mcd	650mcd	1900mcd	700mcd		
Wire Size	22AWG						
Operating ambient temperature	-30 to +60°C [-22 to +140°F]						
Operating ambient humidity	Less than 90% (no condensation)						
Vibration resistance	19.6 m/s² @ 30Hz						
Insulation resistance	More than 1MΩ at 500VDC between the terminals and the chassis						
Withstand voltage	500VAC applied for 1 min between terminals and chassis without breaking insulation						
Ingress protection rating	IP65 (IEC 60529)						
Conformity standards *	UL 508, CSA-C22.2 No.14, RoHs Directive (EN 50581)						

\* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

### Easily add or replace LED modules

When adding or removing modules, the center screw that matches the number of tiers has to be purchased.



### Interchangeable LED Modules

Color sequence is changeable by adding or removing up to 5 color modules even after installation.

NOTE: LED modules of the same color within a signal tower will light up simultaneously.

### Wiring does not change

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



# PATLITE® 30mm LED Signal Towers

## Accessories

Accessories for Patlite® 30mm Signal Towers			
Part Number	Price	Drawing Link	Description
<b>MP-B</b>	\$69.00	<a href="#">PDF</a>	80dB @ 1 meter / 3,000Hz add-on alarm; activated by red module
<b>B72100182-1F1</b>	\$41.00	<a href="#">PDF</a>	Red LED module
<b>B72100182-2F1</b>	\$41.00	<a href="#">PDF</a>	Amber LED module
<b>B72100182-3F1</b>	\$41.00	<a href="#">PDF</a>	Green LED module
<b>B72100182-4F1</b>	\$41.00	<a href="#">PDF</a>	Blue LED module
<b>B72100182-7F1</b>	\$41.00	<a href="#">PDF</a>	Clear/white LED module
<b>B72100192-1F1</b>	\$41.00	<a href="#">PDF</a>	Red LED module with clear lens
<b>B72100192-2F1</b>	\$41.00	<a href="#">PDF</a>	Amber LED module with clear lens
<b>B72100192-3F1</b>	\$41.00	<a href="#">PDF</a>	Green LED module with clear lens
<b>B72100192-4F1</b>	\$41.00	<a href="#">PDF</a>	Blue LED module with clear lens
<b>S33552120-0355F1</b>	\$6.00	N/A	1-tier center screw, zinc plated steel
<b>S33552120-0390F1</b>	\$6.00	N/A	2-tier center screw, zinc plated steel
<b>S33552120-03125F1</b>	\$7.25	N/A	3-tier center screw, zinc plated steel
<b>S33552120-03160F1</b>	\$7.25	N/A	4-tier center screw, zinc plated steel
<b>B25110032-F1</b>	\$7.25	N/A	LED module o-ring, silicone
<b>SZ-904</b>	\$17.50	<a href="#">PDF</a>	22mm to 3/4"FNPT adapter, aluminum
<b>SZ-150</b>	\$22.50	<a href="#">PDF</a>	220mm extension pole, ABS plastic
<b>B32310025-F1</b>	\$9.25	<a href="#">PDF</a>	30mm diameter cap, ABS plastic



**MP-B**



**B72100xxx-xF1**



**SZ-150**



**SZ-904**



**S33552120-03xxxxx**



**B32310025-F1**

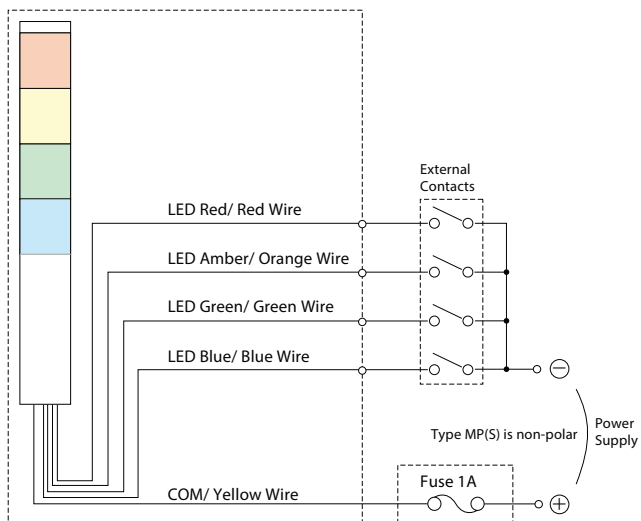


**B25110032-F1**

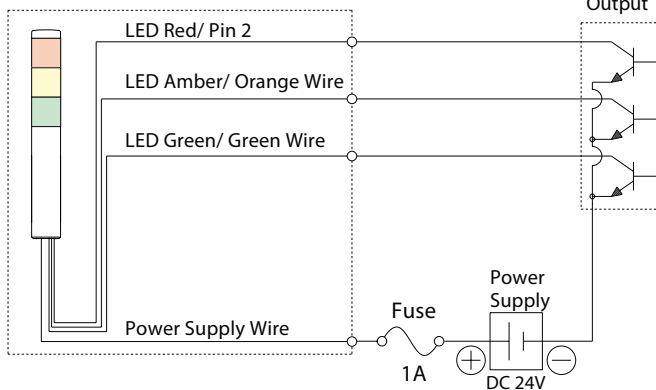
# PATLITE® 30mm LED Signal Towers

## Wiring

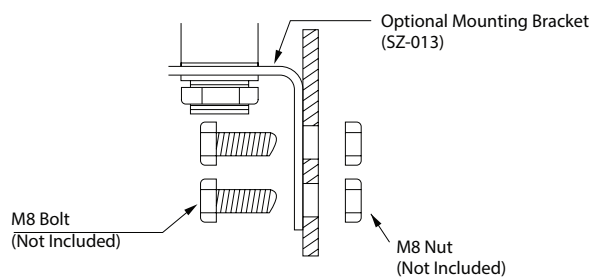
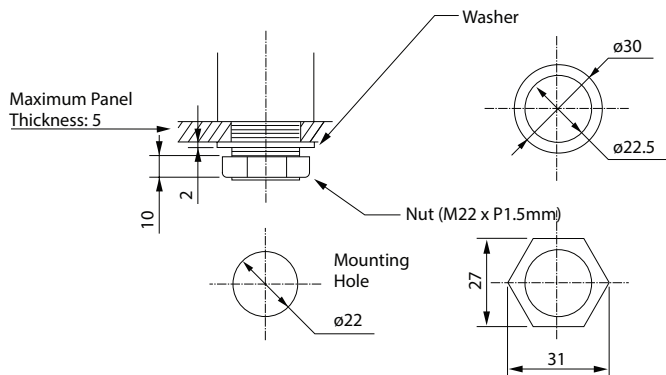
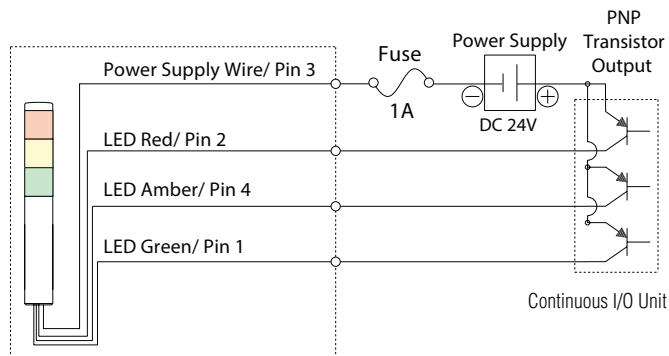
### Contact/Switch



### NPN M12 Connector



### PNP M12 Connector

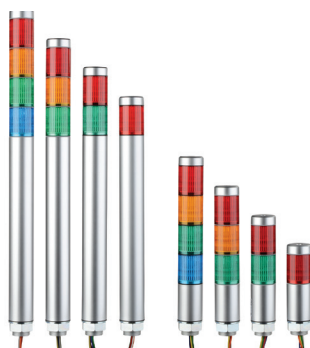


# PATLITE® Slim Design LED Signal Towers



### MES-A and ME-A 25mm Super Slim Signal Towers

These rust-free aluminum body signal towers are designed to be direct mounted. LED module lenses are clear and change color when activated. The super slim design is ideal for tight spaces.



### MPS and MP 30mm Signal Towers

These LED towers offer superior impact and heat resistance and have an ABS resin main body. They are designed for direct mounting and have a double insulation for enhanced durability and safety.



### LR4 40mm Signal Towers

The LR4 Series feature low maintenance and energy efficiency using LED technology.



### LS7 70mm Signal Towers

The LS7 Series feature a smooth body surface that reduces adhesion of water and dust. There are no exposed screws, shafts or other metals making these signal towers adaptable in many environments. This model is suitable for high pressure and high temperature wash down environments. An available model with a buzzer has a sound frequency that cuts through loud environments.

### Accessories

