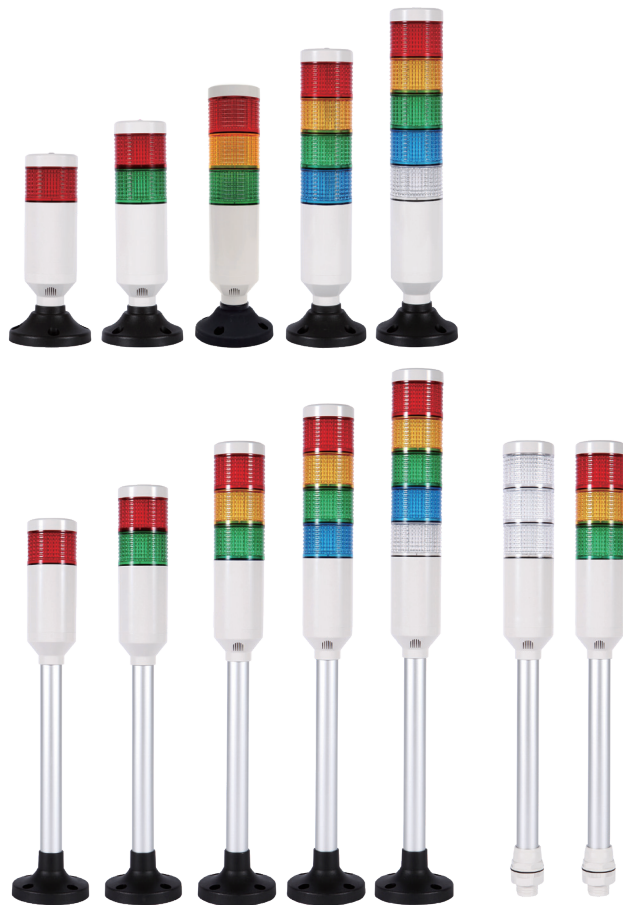


# PL4 Series D45mm LED Tower Light



PL4 Series is multifunctional 45mm LED Tower Light. It features low maintenance and high energy efficiency.



## Product Feature

- 1~5 Stacks
- Built-in Buzzer: 75±5dB
- Various operating voltages
- High visibility from every angle through prism-cut lens
- Various mounting options and accessories

## Specifications

Function	Steady, Flashing, Buzzer
Power supply	12VAC/DC, 24VAC/DC, 12~24VAC/DC 110~220VAC (AC 50/60Hz)
LED color	Red, Yellow, Green, Blue, Clear
Dimension	45mm
Maximum stacked quantity	Up to 5 Stacks
Flashing rate	12VDC - 75±5 times/minute 12VAC, 24VAC/DC _____ 80±5 times/minute 110~220VAC _____
Buzzer volume (Maximum)	Intermittent sound : 75±5dB (pi- pi- pi-) Continuous sound : 75±5dB (pi- - -)
Lens color	Red, Yellow, Green, Blue, Clear
Mounting method	Vertical only
Connection method	Lead wire connection
Ambient temperature	-20°C ~ 40°C
Storage ambient temperature	-20°C ~ 70°C
Ambient humidity	45~85% RH
Vibration	0.75mm at 10~55Hz
Connection	UL1007 / 22AWG
Approval	CE, RoHS
Protection structure	IP63 (Buzzer type: IP52)

## Ordering information

PL4 - **G** **Z** - **3** **FF** - **RYG** - **W** (BC)

① ② ③ ④ ⑤ ⑥ ⑦

※ option

### ① Mounting Type

M	Aluminum Pole + M20 screw plastic mount
P	Aluminum Pole + Plastic mount base
G	Plastic mount base

### ② Light Style

No mark	Steady
B	Steady + Buzzer
F	Steady + Flashing
Z	Steady + Flashing + Buzzer

### ⑤ Lens Color (Top to bottom)

R	Red	B	Blue
Y	Yellow	C	Clear
G	Green		

### ③ Number of Stack

1	1 Stack	4	4 Stacks
2	2 Stacks	5	5 Stacks
3	3 Stacks		

### ④ Power Supply

01	12VAC/DC (Steady, Buzzer function only)
02	24VAC/DC (Steady, Buzzer function only)
00	12 ~ 24VAC/DC
FF	110 ~ 220VAC

### ⑥ Lens Color

W	All Lens Colors-Clear
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### ⑦ Option

(B)	Black Body
(C)	Buzzer continuous sound(pi- - -)

## Current Consumption (RMS value ±10%)

Stacks	LED Colors	Single power			
		12VAC/DC		24VAC/DC	
		General	Buzzer	General	Buzzer
1S	R	0.05A	0.07A	0.03A	0.08A
2S	R+G	0.10A	0.12A	0.06A	0.10A
3S	R+Y+G	0.15A	0.15A	0.09A	0.13A
4S	R+Y+G+B	0.20A	0.20A	0.12A	0.16A
5S	R+Y+G+B+C	0.25A	0.25A	0.15A	0.20A

Stacks	LED Colors	Free voltage power			
		12~24VAC/DC		110~220VAC/DC	
		General	Buzzer	General	Buzzer
1S	R	0.22A	0.25A	0.03A	0.03A
2S	R+G	0.30A	0.32A	0.05A	0.06A
3S	R+Y+G	0.38A	0.38A	0.07A	0.07A
4S	R+Y+G+B	0.46A	0.46A	0.09A	0.09A
5S	R+Y+G+B+C	0.52A	0.52A	0.11A	0.11A

## Optional Parts

### Wall Mounting Bracket



**MAM-DS28**  
Steel



**MAM-DS25**  
Steel

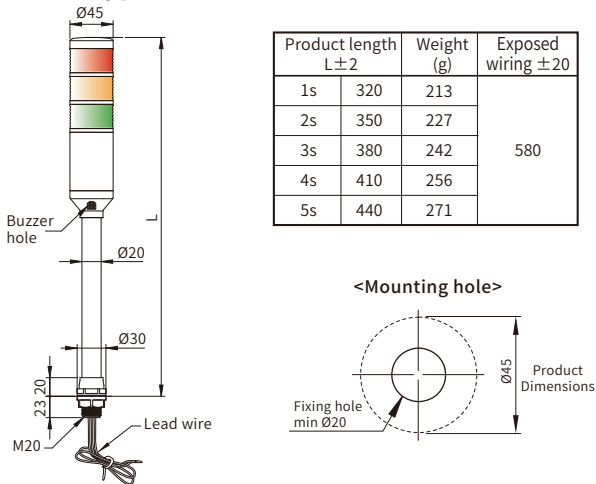


**MAP-DS30**  
Plastic

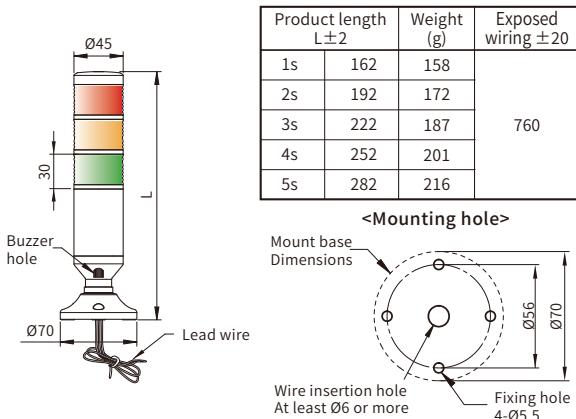
See Page 80 ~ 81 >> for Mounting Options and Accessories.

## Dimensions <Unit: mm>

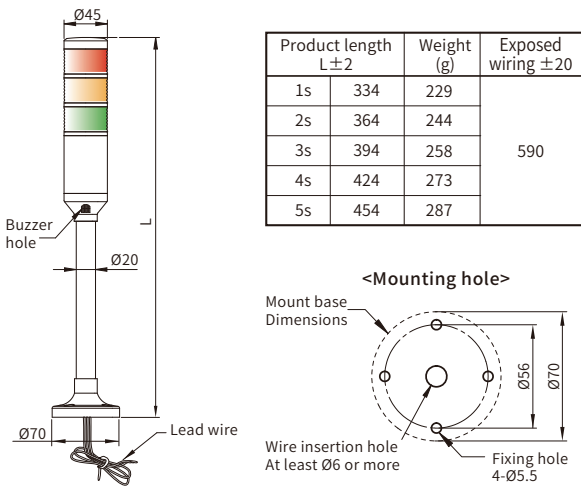
### ▼ PL4M type



### ▼ PL4G type



### ▼ PL4P type

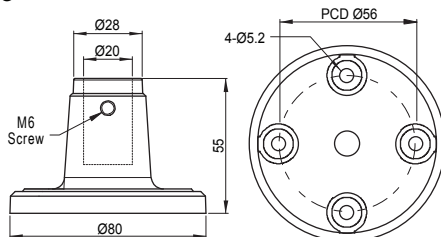


## Optional Parts

### Aluminum Mount base

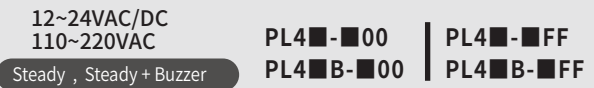
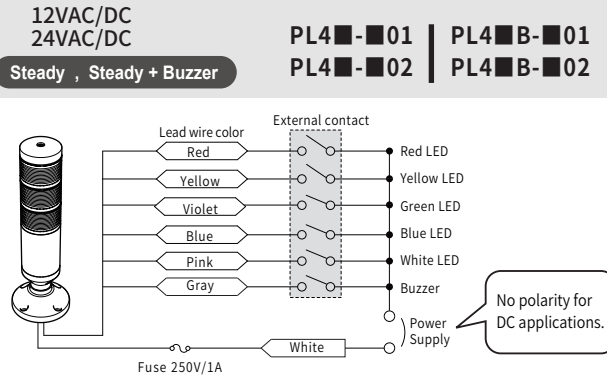


MAM-DS32 aluminum

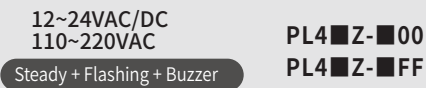


※ In case of PL4P type, there is no change in total length although the Aluminum mount base is replaced.

## Connection Diagram



⚠ Attention  
Do not connect the power line and flashing or steady lines. (Orange wire)  
It may cause damage to the product.



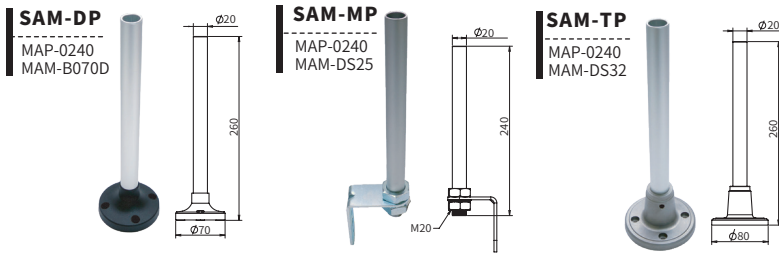
⚠ Attention  
Do not connect the power line and flashing or steady lines. (Orange wire, Sky blue wire)  
It may cause damage to the product.

# Accessories Parts

## Ordering information and Dimensions (UNIT : mm)

### Semi-assembled pole mounting base

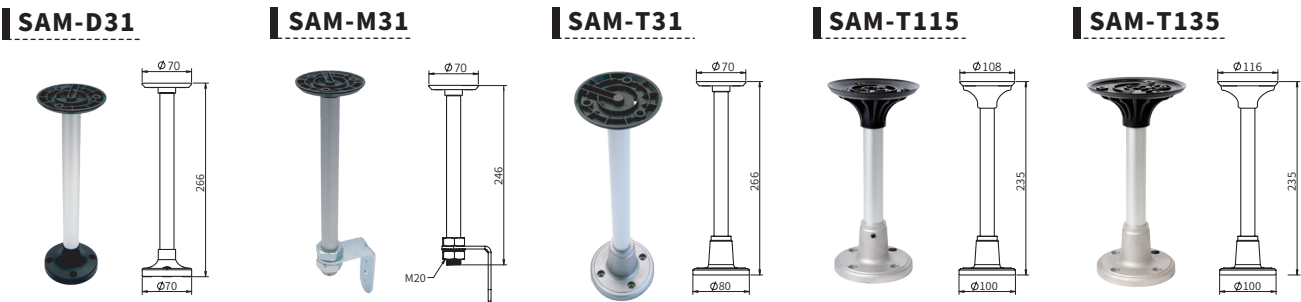
PTE, PTM, PTD, PME, MT4, MT5 series



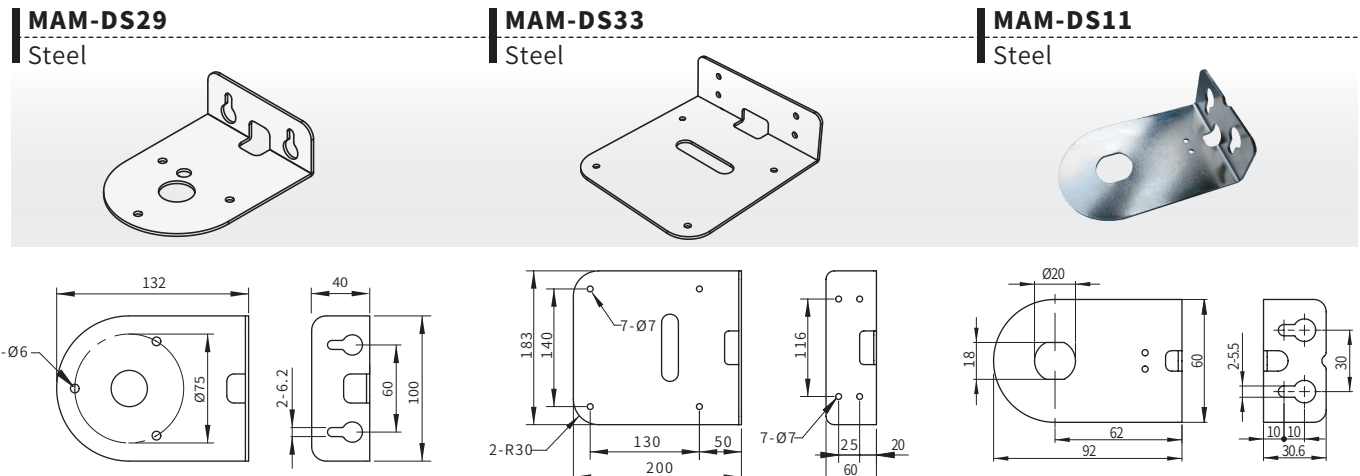
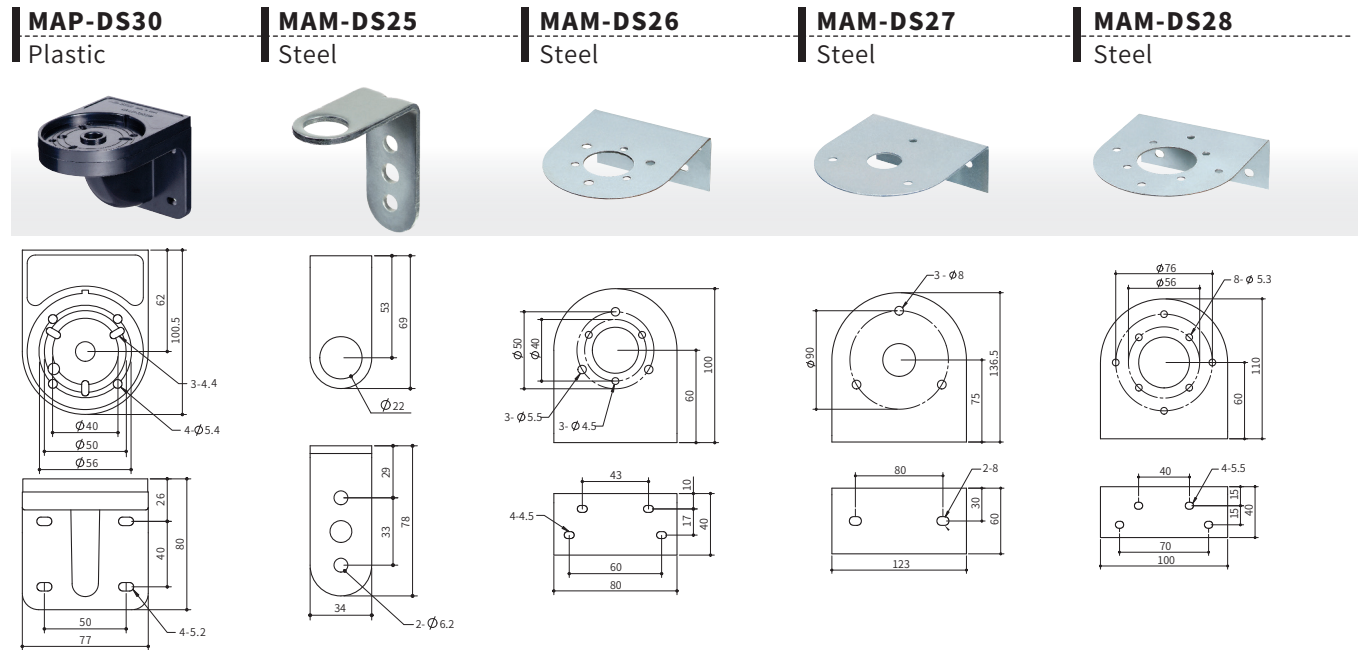
### MS86 series dedicated part

### MS115 series

### MS135 series



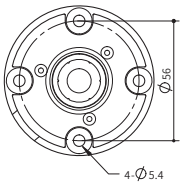
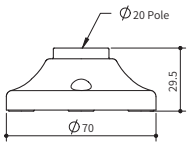
### Wall Mounting Bracket



## Mount Base

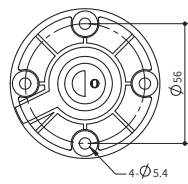
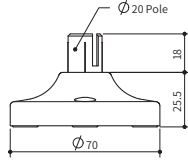
### MAM-B070B

Plastic



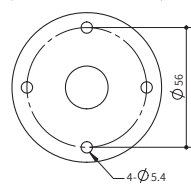
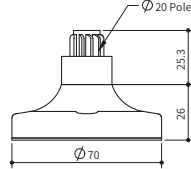
### MAM-B070C

Plastic



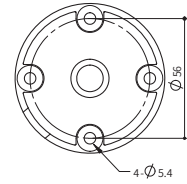
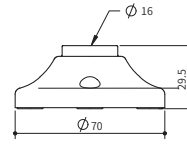
### MAM-B070D

Plastic



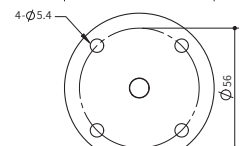
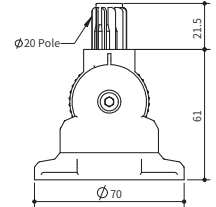
### MAM-B070F

Plastic



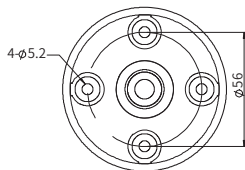
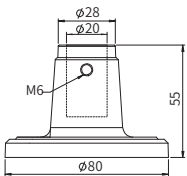
### MAM-B070R

Plastic



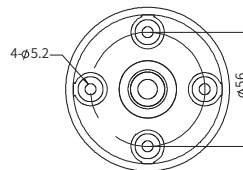
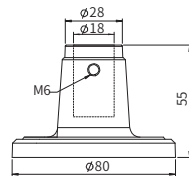
### MAM-DS32A

Aluminum



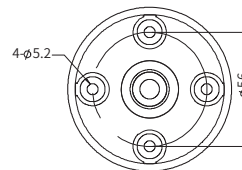
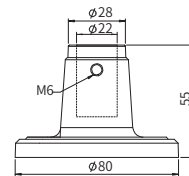
### MAM-DS32B

Aluminum



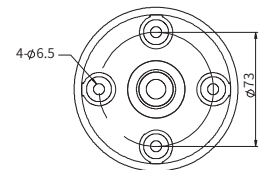
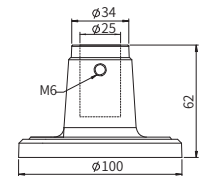
### MAM-DS32C

Aluminum



### MAM-DS35

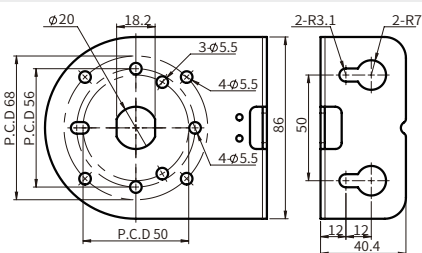
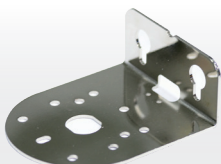
Aluminum



## Wall Mounting Bracket

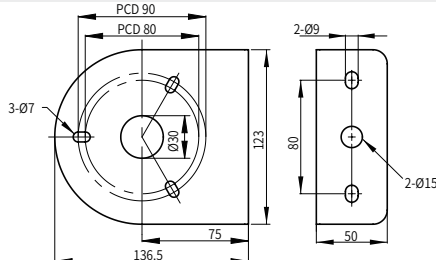
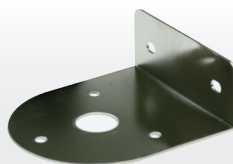
### MAM-DS10

Steel



### MAM-DS37

Steel



### MAM-DS38

Steel

