

PTE Series D56mm Modular Style LED Tower Light



PTE series tower Lights combine the latest LED technology with UL safety technology.

With a new concept and innovative design, PTE series light towers are ideal for factory automation and many applications.

- Stylish design
- LED modular components
- Bright & even light distribution through prism-cut lenses
- Fast & easy assembly with inter-locking construction
- 8 base mount options
- Optional 80dB Buzzer (fixed or adjustable volume)
- IP65 rated
- RoHS compliant

Ordering Information

PTE - **A** **P** **F** - **3** **02** - **RYG** - **B** (H) **W**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

* Options

1. Body Unit

			Apply to Mounting style
S	Flat Based Body	Code7	C
A	Pole Mount Standard Body	Code7 + Code10	G/P/R/M/W/D/J
D	Short Body	Code6	P/R/M/W/D/J
T	Terminal Body	Code15	G/P/R/M/W/D/J
L	Small Surface Body	Code17	C

Note: "D", "L" Type - Power Supply 24V AC/DC Only

2. Mounting Style

C	Surface Mount	Code 18
G	Plastic mount base (MAM-B070B)	Code 8 + Code 16
P	Pole + Plastic mount base (MAM-B070D)	Code 8 + Code 11
R	Pole + Rotate plastic mount base (MAM-B070R)	Code 8 + Code 20
M	Pole + Plastic M20 screw mount base (MAM-B025)	Code 8 + Code 9
W	Pole + Wall mount bracket (MAP-DS40)	Code 8 + Code 12
D	Pole + Aluminum Pole mount base (MAM-DS32)	Code 8 + Code 22
J	Pole Adjustable Type	Code 21 + Code 11

Note: R Type Mount base - 180-degree revolution

3. Light Style

	Steady Light
F	Steady + Flashing Light
B	Steady + Buzzer (Fixed Sound)
V	Steady + Buzzer (Adjustable Sound)
Z	Steady + Flashing + Buzzer (Fixed Sound)
X	Steady + Flashing + Buzzer (Adjustable Sound)

4. Number of Stacks

1	1 Light
2	2 Lights
3	3 Lights
4	4 Lights
5	5 Lights

Note: Buzzer type - up to 4 tiers

5. Power Supply

02	24V AC/DC
FF	90~240V AC

6. LED Colors (Top to Bottom)

R	Red	B	Blue
Y	Yellow	C	Clear
G	Green		

Options

7. Body Colors

B	Black
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Note: Standard Body Color - White Ivory.

8. Option

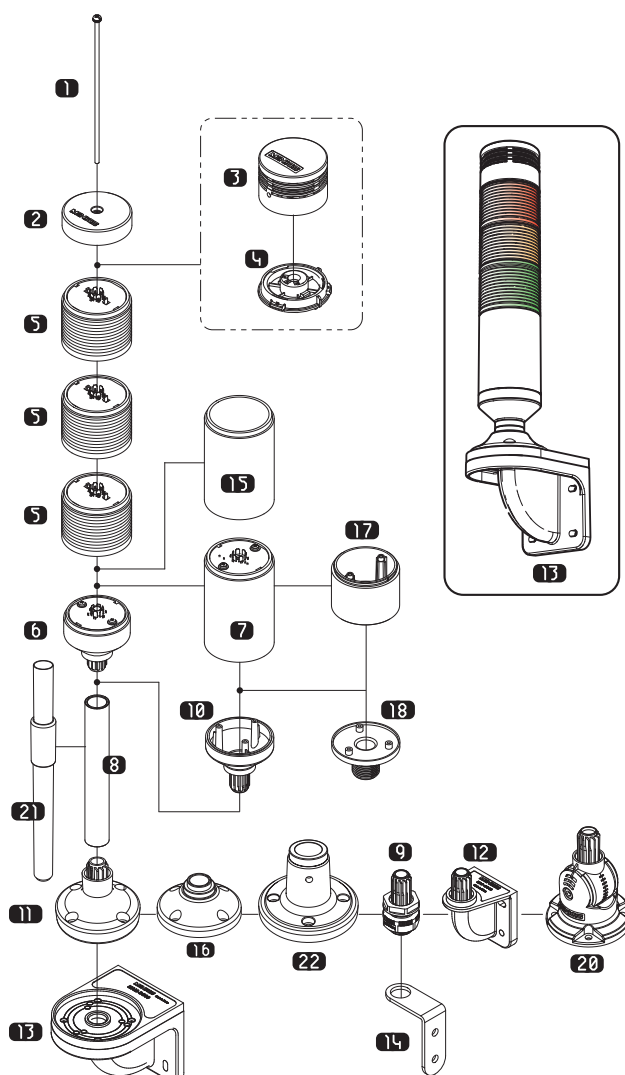
(V)	Continuous Flashing Flashing Cycle: (240Times/minute)
(C)	Buzzer Continuous sound (Sound: Pt-----)
(H)	Buzzer 100dB type - Adjustable Sound - Model: MPZ-56H

9. Lens Colors

W	All Lens Colors - Clear
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Exploded View / Part Code



See Page 35 ~ 37
for Mounting Options and Accessories.

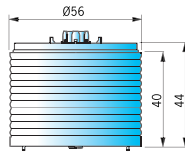
Specifications

Body Units

Operation/Function	Steady , Flashing , Buzzer
Power Supply	AC/DC 24V , AC 90 ~ 240V 50/60Hz
Lens Color	Red, Yellow, Green, Blue & Clear
Maximum Tier	5 Tiers (Buzzer type: 4 Tiers)
Flash Rate (±10%)	80times/minute, <Option V-type: 240times/minute>
Vibration	0.75mm at 10~55Hz
Ambient Temperature	-15 to 40°C
Storage Temperature	-20 to 70°C
Ambient Humidity	45 ~ 85% RH
Degree of Protection	IP65 / IP40 (with Buzzer)
Approvals	CE , UL, RoHS
Recommended Wire Size	1007 UL / 22AWG

Current consumption

LED Color Unit	24V AC	90~240V AC
Red	33mA	17mA
Yellow	27mA	17mA
Green	42mA	22mA
Blue	42mA	22mA
Clear	42mA	22mA
Weight	App. 43.0g	

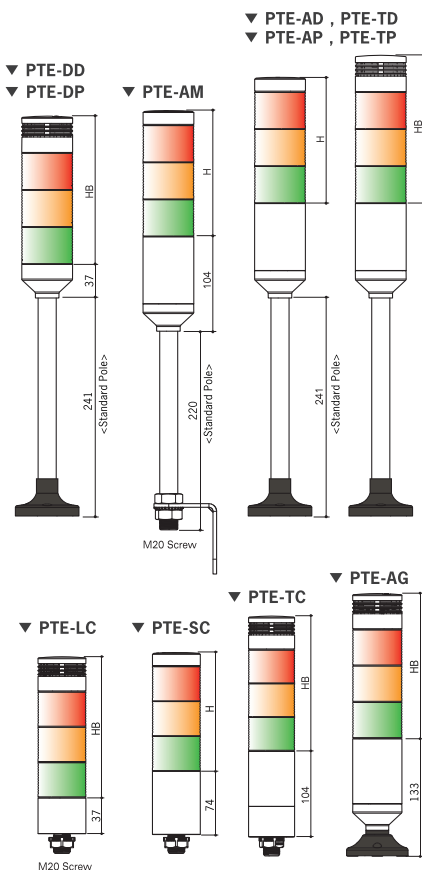


Buzzer Kits

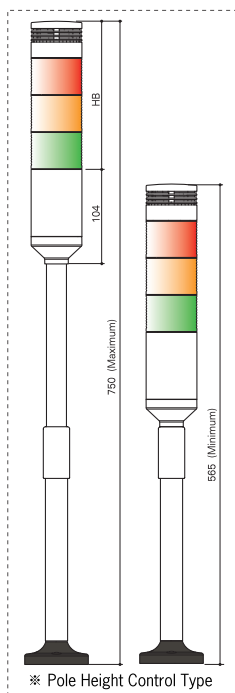
Type	Standard Buzzer Sound - pi pi pi pi		
Model	MPZ-56F	MPZ-56G	MPZ-56H
Level Style	Fixed Sound	Adjustable Sound Level	Adjustable Sound Level
Sound Level	80±5dB at 1M	10~80±5dB at 1M	10~100±5dB at 1M
Current / Power	30mA / 0.72W	30mA / 0.72W	150mA / 3.6W

Dimensions <Unit: mm>

Standard Pole Length : 225mm



PTE-AJ <Standard Type>



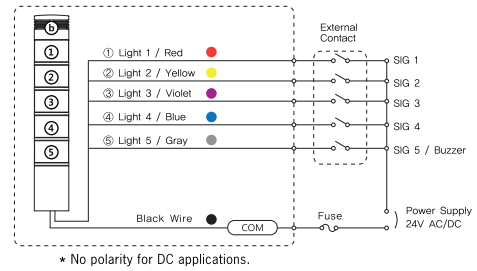
	H	HB
1 Light	56	81
2 Lights	97	122
3 Lights	138	163
4 Lights	179	204
5 Lights	220	

* The above specifications are changeable at anytime without notice.

Wiring Diagram

24V AC/DC

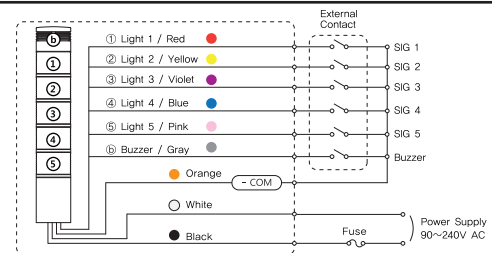
Steady Lights (with Buzzer)



* No polarity for DC applications.

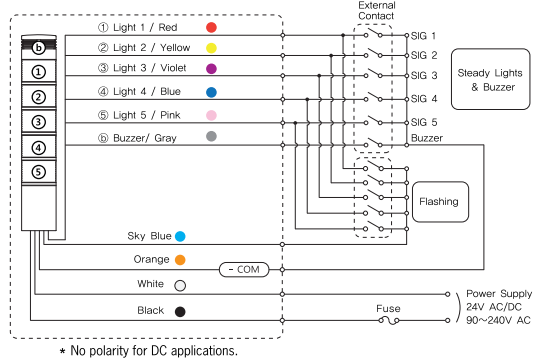
90 ~ 240V AC

Steady Lights (with Buzzer)



24VAC/DC , 90~240V AC

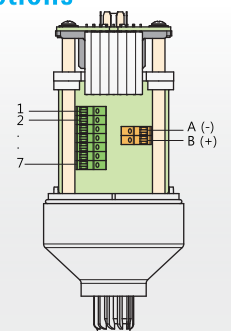
Steady or Flashing Lights (with Buzzer)



* No polarity for DC applications.

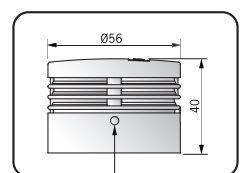
Terminal Type Connections

Pin #	Description
1	Light 1
2	Light 2
3	Light 3
4	Light 4
5	Light 5 or Buzzer
6	Steady COM
7	Flashing COM
A	Power Supply (-)
B	Power Supply (+)



Recommended Wire Size
UL 1007 AWG 22~16
UL 1430 AWG 22~16
* Use 75°C CU Wire only.

Buzzer Kits Dimensions



Sound Level Adjuster
Model: MPZ-56G, MPZ-56H