

PR Series

Bulb type D56mm Vibration Proof Tower Light



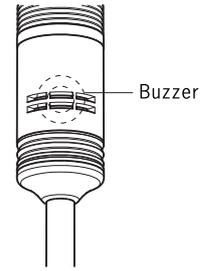
Suitable for displaying the operation status of machines tools, industrial machines, special purpose machines, automatic production line, robot, etc.



Vibration-absorption mechanism extends bulb life.

The unique vibration absorbing structure using new material reduces vibration and impact from all machines and devices, greatly extending bulb life

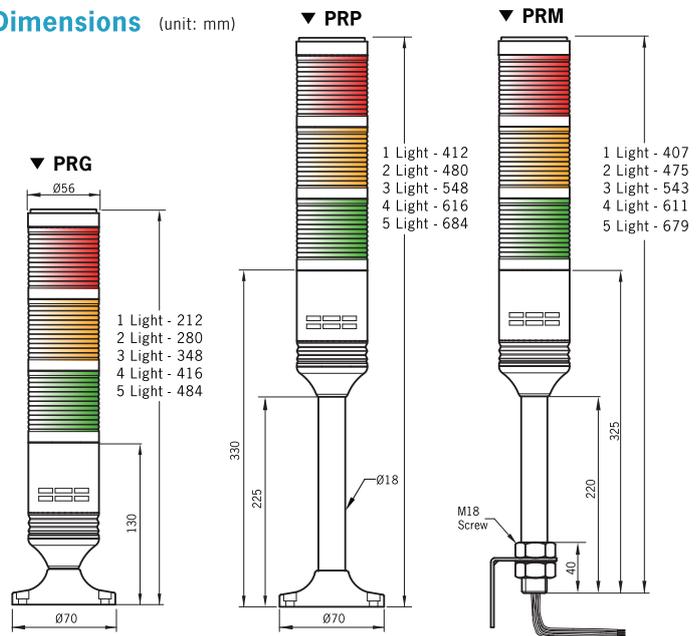
- 56 mm Diameter Light Modules
- Fixed Configurations from One to Five Stages
- Incandescent Bulb
- Various operating voltage
- Variety of Mounting Options
- IP 20 Ingress Protection
- Shock and Vibration Tolerant



Replacement Parts ▶ See page 39 for Replacement Bulbs product

| Rated Voltage | Bulb | Rated Voltage | Bulb |
|---------------|--------|---------------|---------|
| 12V AC/DC | 12V 8W | 110V AC | 130V 8W |
| 24V AC/DC | 24V 8W | 220V AC | 240V 8W |

Dimensions (unit: mm)



Ordering Information

PR P F - 3 0 2 - R Y G

- ① ② ③ ④ ⑤

1. Mounting

| | |
|----------|--|
| P | D18mm Aluminum pole + Plastic mount base |
| G | Plastic mount base |
| M | M18 Screw Aluminum pole with 2 Nut + L-angle bracket (Steel) |

2. Light Style

| | |
|----------|----------------------------|
| | Steady light |
| F | Flashing light |
| B | Steady light + Buzzer |
| Z | Steady + Flashing + Buzzer |

3. Number of Stacks

| | | | | | |
|----------|----------|----------|----------|----------|----------|
| 1 | 1 Light | 2 | 2 Lights | 3 | 3 Lights |
| 4 | 3 Lights | 5 | 5 Lights | | |

4. Power Supply

| | | | |
|-----------|------------|-----------|---------|
| 01 | 12V AC/DC* | 10 | 110V AC |
| 02 | 24V AC/DC* | 20 | 220V AC |

*Flashing type, and polarity attention

5. Lens Colors (Top to bottom)

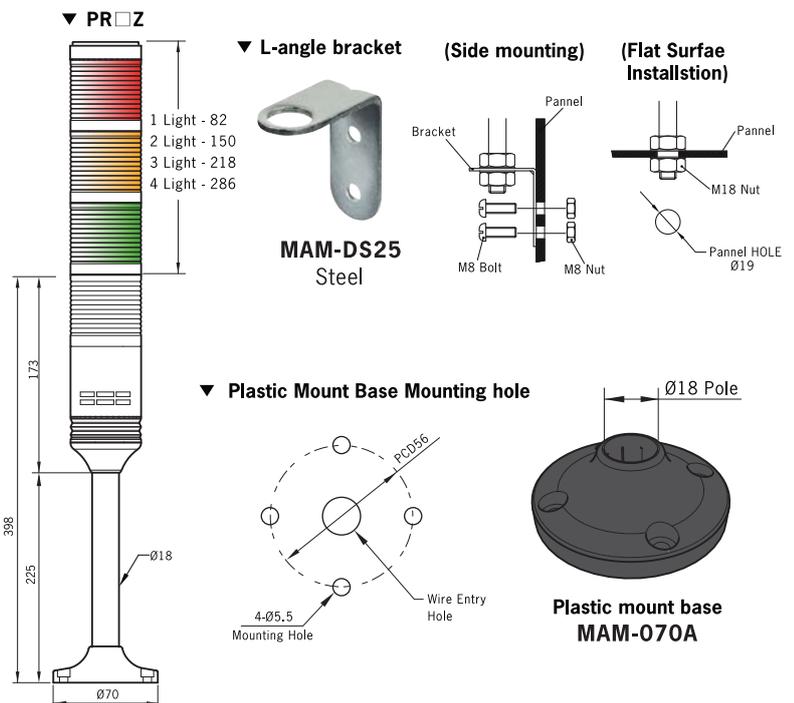
| | | | |
|----------|--------|----------|-------|
| R | Red | B | Blue |
| Y | Yellow | C | Clear |
| G | Green | | |

Specifications

| | |
|-----------------------|--|
| Operation/Function | Steady light, Flashing light, Buzzer |
| Power Supply | AC/DC 12V, AC/DC 24V, 110V AC, 220V AC |
| Tiers | May be ordered as 1, 2, 3, 4 or 5 tiers |
| Lens Color | Red, Yellow, Green, Blue, Clear |
| Sound Level | 80±5dB at 1M, Buzzer Continuous sound (pi-----) |
| Flashing rate | 80 times / minute |
| Ambient Temperature | -5°C ~ 40°C |
| Storage Temperature | -25°C ~ 70°C |
| Ambient Humidity | 45~85% RH |
| Degree of Protection | IP20 |
| Recommended Wire Size | AC 110/220V: VSF / 0.75mm ² (Power supply wire only) AC/DC 12/24V: 1007 UL / 22AWG |

Current Draw

| Power Supply | 12V | 24V | 110V AC | 220V AC |
|--------------|------|------|---------|---------|
| 1 Light | 0.8A | 0.4A | 0.08A | 0.04A |
| 2 Lights | 1.7A | 0.8A | 0.17A | 0.08A |
| 3 Lights | 2.5A | 1.2A | 0.25A | 0.12A |
| 4 Lights | 3.3A | 1.7A | 0.33A | 0.17A |
| 5 Lights | 4.2A | 2.1A | 0.40A | 0.20A |

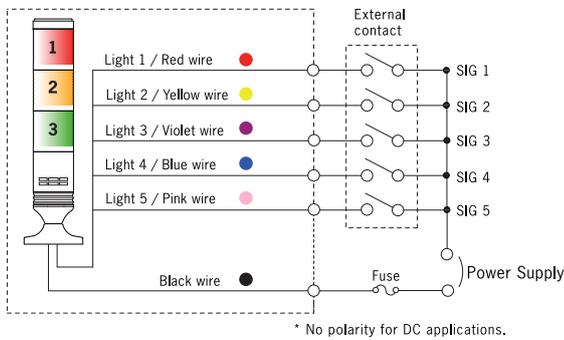


PR Series Wiring Diagram

▼ Steady Lights

PR□

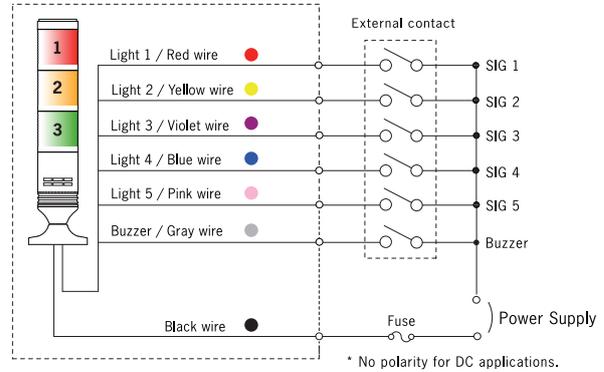
12V, 24V AC/DC
110V, 240V AC



▼ Steady Lights (with Buzzer)

PR□B

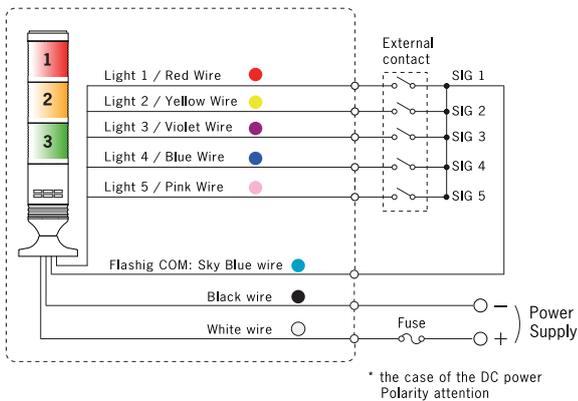
12V, 24V AC/DC
110V, 240V AC



▼ Flashing Lights

PR□F

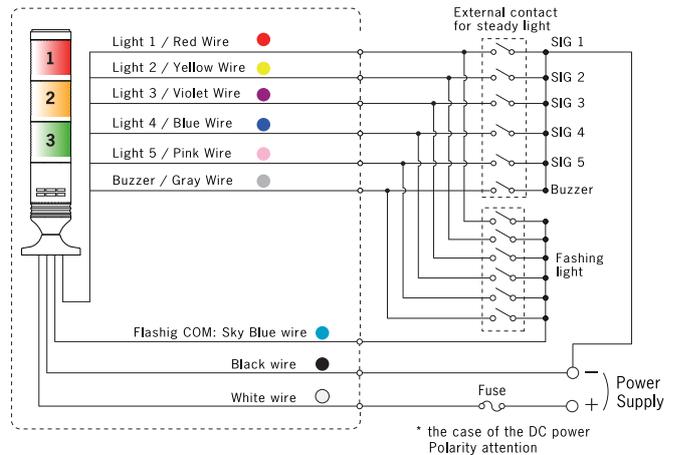
12V, 24V DC
110V, 240V AC



▼ Steady & Flashing Lights (with Buzzer)

PR□Z

12V, 24V DC
110V, 240V AC



45mm PS/PL Series - Bulb Replacement Method

Push to open the bulb housing fixed inside the mount groove using hands or tools.
This allows easily replacing the bulb.

