



PL4-M12 Series

Ø45mm LED Steady with M12 Connector



- Pre-assembled 1 to 5 stack lights
- Easy connection with M12 Connector
- High visibility from every angle
- through prism-cut lens
- Built-in buzzer available (75±5dB)
- Various mounting options

Specifications

| Current Draw | Power Supply | 12VAC/DC | | 24VAC/DC | |
|------------------------|--------------|--|------------------|---------------|------------------|
| | Model | Standard type | with Buzzer type | Standard type | with Buzzer type |
| 1 Stack | | 0.05A | 0.07A | 0.03A | 0.08A |
| 2 Stack | | 0.10A | 0.12A | 0.06A | 0.10A |
| 3 Stack | | 0.15A | 0.15A | 0.09A | 0.13A |
| 4 Stack | | 0.20A | 0.20A | 0.12A | 0.16A |
| 5 Stack | | 0.25A | 0.25A | 0.15A | 0.20A |
| Operation Voltages | | 12VAC/DC, 24VAC/DC | | | |
| Light Source | | LED | | | |
| LED Colors | | 5 Colors – Red, Yellow, Green, Blue, White | | | |
| Dimensions / Tiers | | D45mm / up to 5 Tiers | | | |
| Flashing rates | | 12VDC - 75±5times/minute 12VAC, 24VAC/DC - 80±5times/minute | | | |
| Alarm sound level | | 75±5dB- at 1M | | | |
| Lens Color | | 5 Colors – Red, Yellow, Green, Blue, Clear | | | |
| Mounting | | Upward only | | | |
| Wiring Method | | M12 Connector | | | |
| Ambient Temperature | | -20 ~ 40°C | | | |
| Storage Temperature | | -20 ~ 70°C | | | |
| Ambient Humidity | | 45~85% RH | | | |
| Dielectric Strength | | 1000VAC 50/60Hz for 1min | | | |
| Insulation Resistance | | 100 MΩ min. at 500VDC | | | |
| Vibration | | 0.75mm at 10~55Hz | | | |
| Recommended Wire Size | | UL1007 / 22AWG | | | |
| Certificate/compliance | | UL, CE(DC only), RoHS | | | |
| Degree of Protection | | IP65 (Buzzer type : IP52) | | | |

Ordering Information

PL4 - C B - 3 02 - RYG - M12C
 ① ② ③ ④ ⑤ ⑥

| | | |
|-----------------------|---------------|------------------------------------|
| ① Mounting Type | no mark | Pole/Surface Mounting |
| | C | Direct Mounting |
| ② Light Function | no mark | Steady |
| | B | Steady + Buzzer |
| ③ Number of Stacks | 1 | 1 Light |
| | 2 | 2 Lights |
| | 3 | 3 Lights |
| | 4 | 4 Lights |
| | 5 | 5 Lights |
| ④ Power Supply | 01 | 12VAC/DC |
| | 02 | 24VAC/DC |
| ⑤ LED Color** | R | Red |
| | RY | Red +Yellow |
| | RYG | Red +Yellow + Green |
| | RYGB | Red +Yellow + Green + Blue |
| | RYGBC | Red +Yellow + Green + Blue + Clear |
| ⑥ Connection Type | M12C | M12 Connector Pigtail type |
| | M12F * | M12 Connector type |

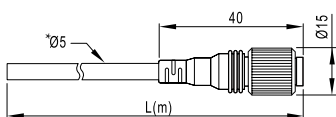
* Only available with Direct Mounting type

** Other color configurations are available with special order

Accessory

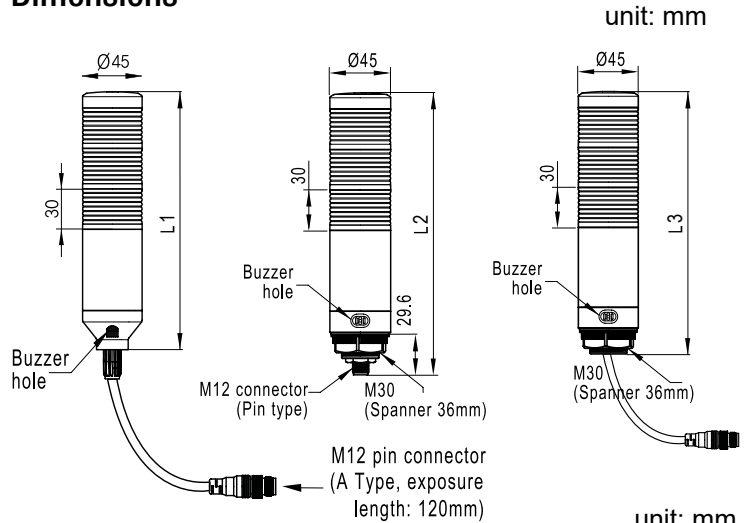
| Straight M12 cable (A-code, socket type) | 5-pin type Cable | | 8-pin type Cable | |
|---|------------------|--------|------------------|--------|
| | Model | Length | Model | Length |
| | CID5-2 | 2m | CID8-2 | 2m |
| | CID5-3 | 3m | CID8-3 | 3m |
| | CID5-5 | 5m | CID8-5 | 5m |

* Product shipment standard cable length: 2M



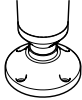
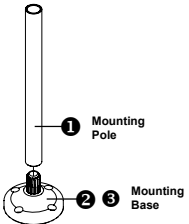
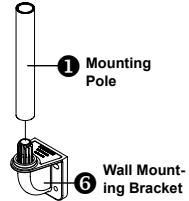
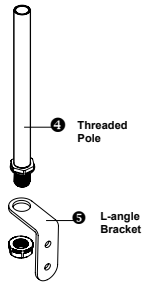
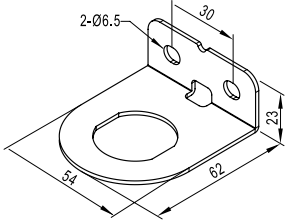
* 5 Pin cable diameter is Ø5.
8 Pin cable diameter is Ø6.

Dimensions



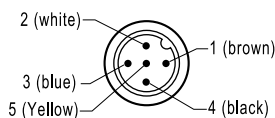
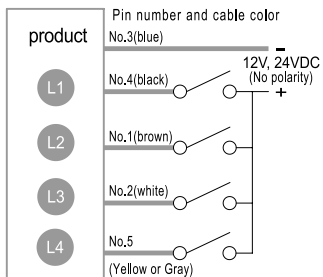
| Stacks | L1 | L2 | L3 |
|--------|-----|-----|-----|
| 1 | 132 | 137 | 149 |
| 2 | 162 | 167 | 179 |
| 3 | 192 | 197 | 209 |
| 4 | 222 | 227 | 239 |
| 5 | 252 | 257 | 269 |

Mounting Options

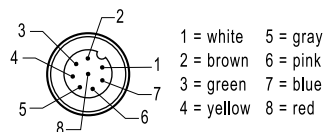
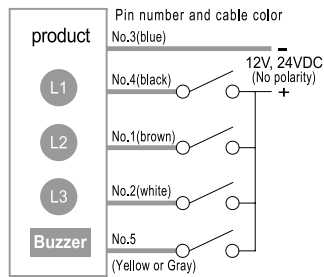
| Light Series | Mounting Type | Mounting Parts | | Mounting Example |
|---------------------------------|--|---|--|---|
| PL4 | Surface Mounting | Mounting Base | |  |
| | | MAM-B070F | | |
| | Pole Mounting | Mounting Pole | Mounting Base |  |
| | | MAP-0060 (L: 60mm) MAP-0240 (L: 240mm) MAP-0750 (L: 750mm) MAP-1000 (L: 1,000mm) | MAM-B090C (Plastic) MAM-DS32A (Aluminum) MAM-B070R (Plastic, Folding) MAM-470R-20 (Plastic, Folding) MAM-DS42R-20C (Aluminum, Folding) | |
| | "Pole Mounting + Wall Mounting" | Mounting Pole | Wall Mounting Bracket |  |
| | | MAP-0060 (L: 60mm) MAP-0240 (L: 240mm) MAP-0750 (L: 750mm) MAP-1000 (L: 1,000mm) | MAP-DS40 (Plastic) | |
| "Pole Mounting + Wall Mounting" | Mounting Pole | Wall Mounting Bracket |  | |
| | MAP-M043 (L: 43mm, M20 Nut) MAP-M240 (L: 240mm, M20 Nut) MAP-M750 (L: 750mm, M20 Nut) MAP-M1000 (L: 1,000mm, M20 Nut) | MAM-DS25 (L-angle, Metal) | | |
| PL4-C | Wall Mounting | Wall Mounting Bracket | |  |
| | | MAM-DS43 | | |

Wiring Diagram (PNP input)

5 pin connector and 2 to 4 stage product wiring diagram (No Buzzer)



5 pin connector and 2 to 3 stage product wiring diagram (No Buzzer)



8 pin connector and 5 stage product wiring diagram

