



# 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

	Power Supply	12VAC/DC		24VAC/DC	
	Model	Standard type	with Buzzer type	Standard type	with Buzzer type
Current Draw	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    ①    C    B    -    3    ③    02    -    RYG    -    M12C    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
	RG	Red +Green
	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

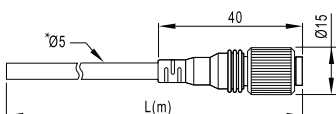
\* Only available with Direct Mounting type

\*\* Other color configurations are available with special order

## Accessory

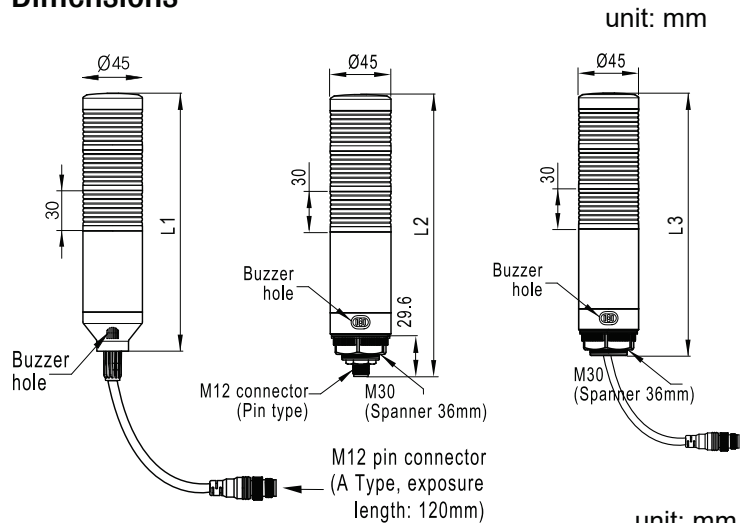
Straight M12 cable (A-code, socket type)	5-pin type Cable		8-pin type Cable	
	Model	Length	Model	Length
	CID5-2	2m	CID8-2	2m
	CID5-3	3m	CID8-3	3m
	CID5-5	5m	CID8-5	5m

\* Product shipment standard cable length: 2M



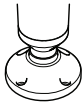
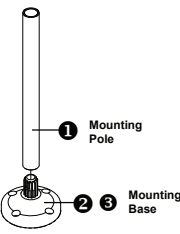
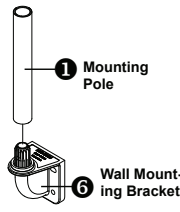
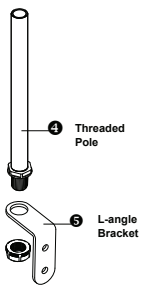
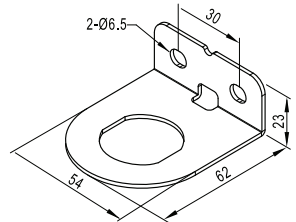
\* 5 Pin cable diameter is Ø5.  
8 Pin cable diameter is Ø6.

## Dimensions



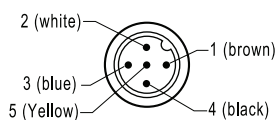
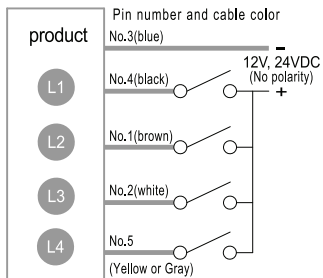
Stacks	L1	L2	L3
1	132	137	149
2	162	167	179
3	192	197	209
4	222	227	239
5	252	257	269

# Mounting Options

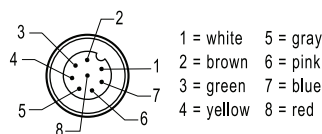
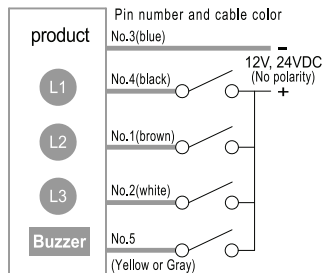
Light Series	Mounting Type	Mounting Parts		Mounting Example
PL4	Surface Mounting	Mounting Base		
		MAM-B070F		
	Pole Mounting	Mounting Pole	Mounting Base	
		MAP-0060 (L: 60mm) MAP-0240 (L: 240mm) MAP-0750 (L: 750mm) MAP-1000 (L: 1,000mm)	MAM-B090C (Plastic) MAM-DS32A (Aluminum) MAM-B070R (Plastic, Folding) 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

