

CÔNG TY CỔ PHẦN CÔNG NGHỆ HỢP LONG

PL4 Series D45mm Steady / Flashing / Buzzer LED Tower Light



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

- 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

Operation/Function	Steady, Flashing, Buzzer
Power Supply	12VAC/DC, 24VAC/DC, 12~24VAC/DC, 110~220VAC (AC: 50/60Hz)
LED colors	Red, Yellow, Green, Blue, White
Dimensions / Tiers	D45mm / Up to 5 tiers
Flash Rate (Free voltage type)	12VDC - 75±5times/minute 12VAC, 24VAC/DC 80±5times/minute
Sound Level (Maximum)	Alternating buzzer: 75±5dB (pi-pi-pi) (at 1m) Continuous sound buzzer: 75±5dB (pi-...) (at 1m)
Lens color	Red, Yellow, Green, Blue, Clear
Mounting	Upward only
Wiring method	Lead wire connection
Ambient temperature	-20 ~ 40°C
Storage temperature	-20 ~ 70°C
Ambient humidity	45~85% RH
Vibration	0.75mm at 10~55Hz
Recommended wire size	UL1007 / 22AWG
Approvals	CE, RoHS
Degree of protection	IP63 (Buzzer type: IP52)

Note: Life of LED varies according to operating conditions and environment.

Power Consumption (RMS value ±10%)

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

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

Ordering Information

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

① ② ③ ④ ⑤ ⑥ ⑦

1. Mounting Style

M	Aluminum pole mounting (Aluminum pole + Plastic M20 screw)
P	Aluminum pole + Fixed plastic mount base
G	Fixed plastic mount base

2. Functions

	Steady
B	Steady + Buzzer
F	Steady + Flashing
Z	Steady + Flashing + Buzzer

3. Number of Tiers

1	1 Tier	4	4 Tiers
2	2 Tiers	5	5 Tiers
3	3 Tiers		

4. Power Supply

(*) Single power	01	12VAC/DC
	02	24VAC/DC
Free Voltage power	00	12 ~ 24VAC/DC
	FF	110 ~ 220VAC

* Single power type: Steady & Steady + Buzzer (B) functions are only available

5. LED color

R	Red	B	Blue
Y	Yellow	C	Clear
G	Green		

6. Lens Color

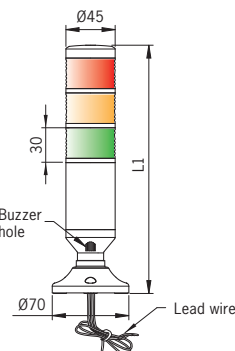
	Color Lens
W	White-Clear Lens

7. Options

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

Dimensions (Unit: mm)

▼ PL4G type



Product length L1±2	Weight (g)	Exposed wiring ±20
1s	162	158
2s	192	172
3s	222	187
4s	252	201
5s	282	216

