

PY7 Series

Ø70mm LED Signal Tower Light

- Smooth surface of the lens minimize adhesion of dust & water
- Suitable for sanitary environment like food, pharmaceutical industries
- Low maintenance with replaceable durable polycarbonate outer lens
- Excellent visibility of LED light emitted from inner lens
- Variety of light styles and combinations



Ordering Information

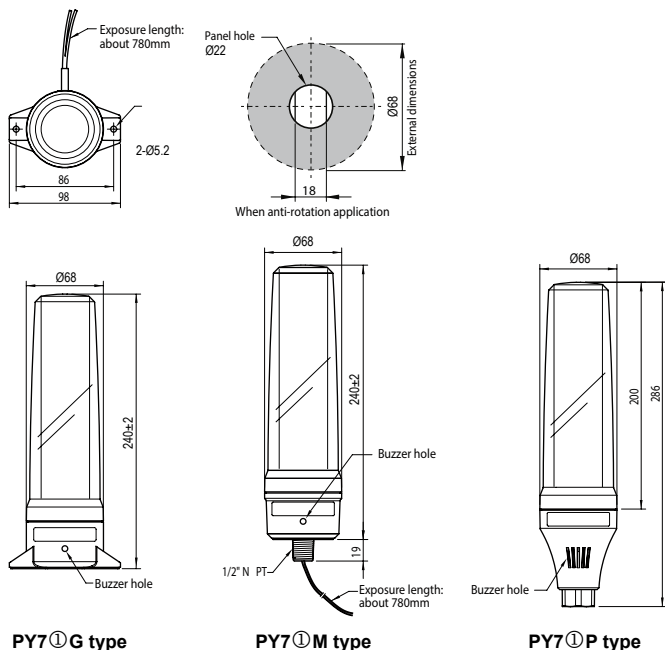
PY7 T P - Z 3 02 - RYG - B
 ① ② ③ ④ ⑤ ⑥ ⑦

① Model Type	L	Standard	
	T	Multi Channel	
② Mounting Type	G	Surface Mounting	
	M	Direct Mounting	
	P	Pole Mounting	
③ Light Style	No mark	Steady	
	B	Steady + Buzzer	
	F	Steady + Flashing	
	Z	Steady + Flashing + Buzzer	
④ Number of Stack (L Type only)	3	3 LED Lights	
	4	4 LED Lights	
	5	5 Led Lights	
⑤ Power Supply	02	24VDC	
	FF	110~220VAC	
⑥ LED Color (top to bottom)	L Type	RYG	Red + Yellow + Green
		RGB	Red + Blue + Green
		RYGB	Red + Yellow + Green + Blue
		RYGBW	Red + Yellow + Green + Blue + White
	T Type	RBG	Red + Blue + Green
	RYG	Red + Yellow + Green	
⑦ Body Color	I	Ivory	
	B	Black	
	C	Silver Matte Coating	

Current consumption

	Stack	LED Color	24VDC		110~220VAC	
			General	Buzzer	General	Buzzer
L Type	3 Lights	R+Y+G	0.14A	0.16A	0.08A	0.09A
	3 Lights	R+B+G	0.20A	0.22A	0.10A	0.11A
	4 Lights	R+Y+G+B	0.23A	0.25A	0.11A	0.11A
	5 Lights	R+Y+G+B+W	0.25A	0.27A	0.11A	0.11A
T Type	Multi-color	R+B+G	0.22A	0.23A	0.05~0.10A	0.06~0.10A
		R+Y+G	0.22A	0.23A	0.05~0.10A	0.06~0.10A

Dimensions



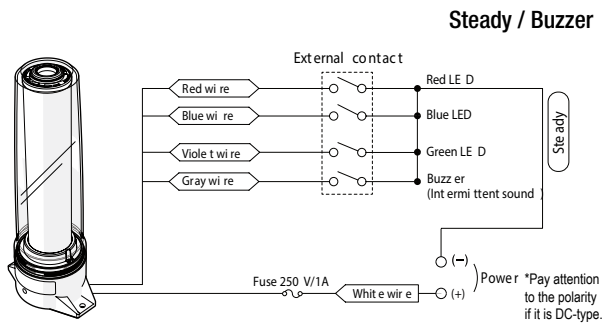
Specifications

Model Type	L	T
Function	Steady, Flashing, Buzzer	
Power Supply	24VDC, 110~220VAC (50~60Hz)	
Allowable Voltage Range	24VDC: 21.6~26.4VDC / 110~220VAC: 100~240VAC	
Flashing Rate	70±5/min	
Buzzer Volume*	Continuous sound: 80±5dB (at 1M) Intermittent sound: 80±5dB (at 1M)	Intermittent sound: 75±5dB (at 1M)
Lens Color	Transparent (inner and outer) - PC Resin	
Mounting Options	Pole/Surface/Direct/Wall Mounting	
Ambient Temperature	-20°C ~ 50°C	
Storage Temperature	-20°C ~ 70°C	
Ambient Humidity	45~85% RH	
Withstand Voltage	500VAC 50/60Hz for 1 minute	
Insulation Resistance	100MΩ or more (500VDC Megger basis)	
Vibration	10 ~ 55Hz (1 min.cycle) Double amplitude 0.75mm X, Y, Z	
Connection	UL1007/22AWG	
Protection Structure	IP65 (with Buzzer type: IP62)	
Approval	UL/CE(24V Only),RoHS	UL(24V Only), RoHS
Weight (DC, Buzzer Type)	PY7 ①P type: app. 350g PY7 ①G type: app. 320g PY7 ①M type: app. 310g	

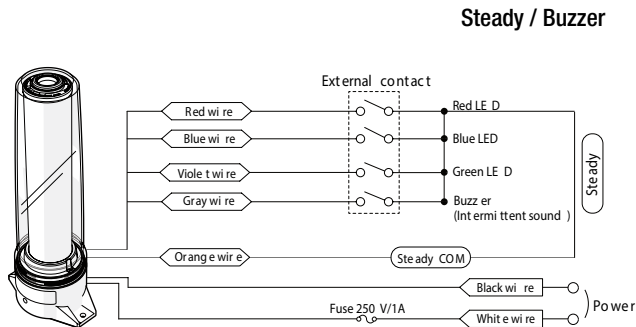
*You can select only one of two buzzer sounds to use.

T Type Connection diagram

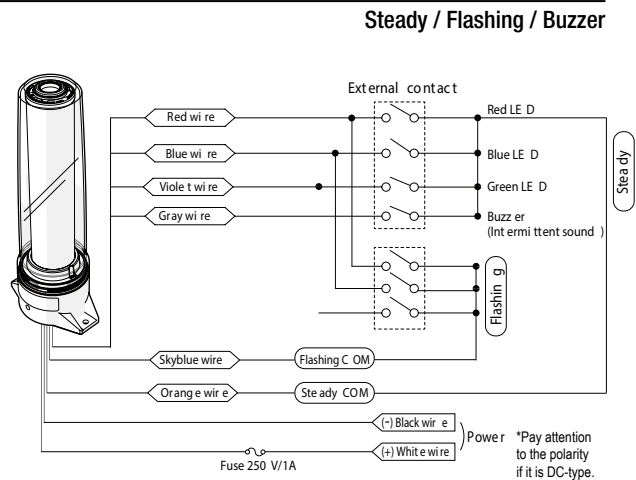
24VDC



110~220VAC

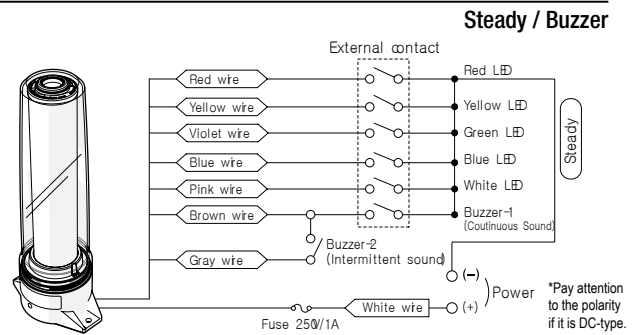


24VDC, 110~220VAC

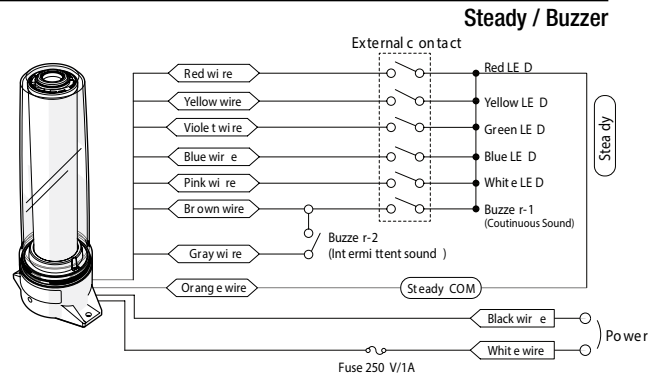


L Type Connection diagram

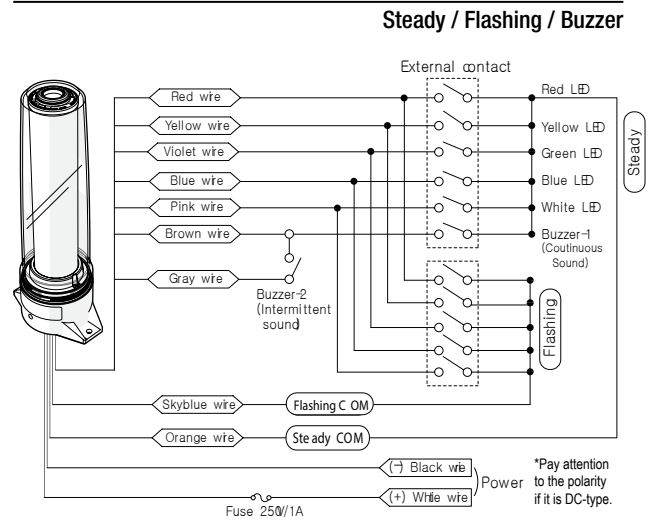
24VDC



110~220VAC



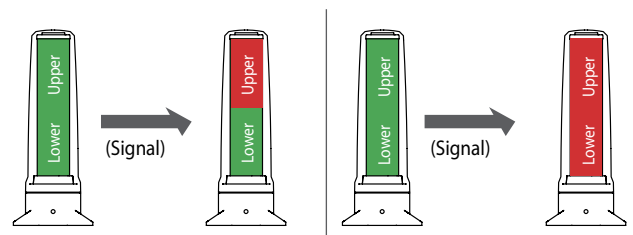
24VDC, 110~220VAC



T Type Operating Condition

Conditions	Input condition			LED Output color	
	Red LED (Red wire)	Blue LED (Blue wire)	Green LED (Violet wire)	Upper Display	Lower Display
Condition-1	0	1	1	Red	
Condition-2	1	0	1	Blue	
Condition-3	1	1	0	Green	
Condition-4	0	1	0	Red	Green
Condition-5	0	0	1	Blue	Red
Condition-6	1	0	0	Sky blue	
Condition-7	0	0	0	Blue	Sky blue
Condition-8	1	1	1	Off	
Remark	0: Orange wire (-) COM ----> Connection Status 1: Open condition				

T type's multi-color & multi-channel function



See page 21-23 for mounting options and accessories