

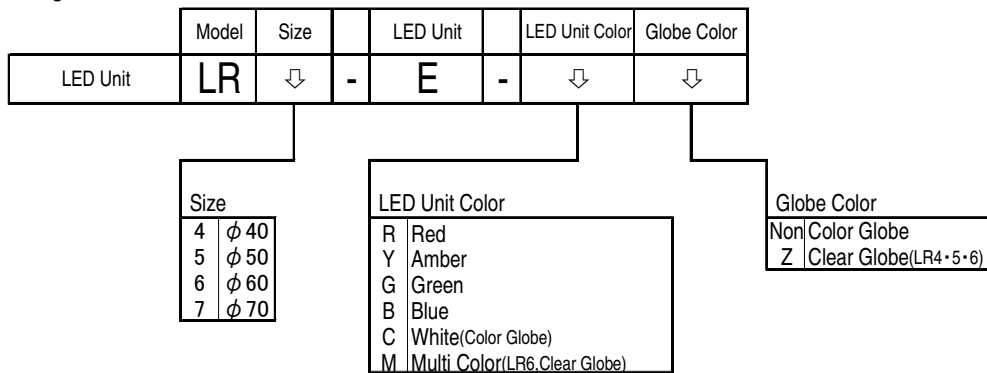
SPECIFICATIONS

1.General Specifications

Model		LR□-E-□□
Operating Ambient Temperature		-20℃ ~ +50℃
Operating Ambient Humidity		Less than 90% RH (No Condensation)
Mass (Tolerance± 10%)	LR4	0.035kg
	LR5	0.04kg
	LR6	0.06kg
	LR7	0.065kg
Outer Dimensions		Refer to the 3.Outer Dimensions
Conformity Standards		UL 508, CSA-C22.2 No. 14 EMC Directive (EN 61000-6-4, EN 61000-6-2) RoHS Directive (EN 50581)
Remarks		Due to the characteristics of the LED elements, a variation in difference of the color tone and brightness of every product may occur UL Recognized Component (File No.E215660)

2.Model

2.1.1 Model Number Configuration



2.1.2 Model Number Example

LED Unit	LR4-E-C
	● φ 40 ● LED Unit ● White ● Color Globe(Clear)
	LR4-E-YZ
	● φ 40 ● LED Unit ● Amber ● Clear Globe
LED Unit	LR5-E-R
	● φ 50 ● LED Unit ● Red ● Color Globe(Red)
LED Unit	LR6-E-MZ
	● φ 60 ● LED Unit ● Multi Color ● Clear Globe

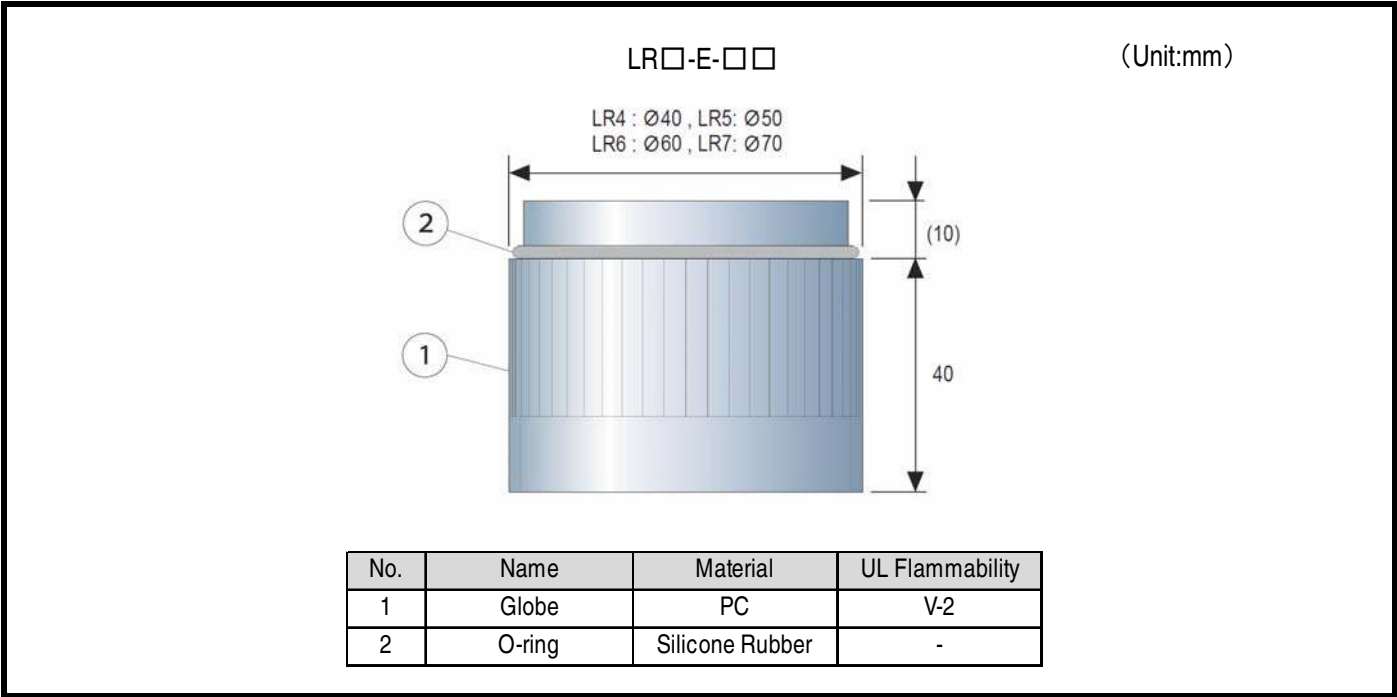
2.2 UL Registered Model

LED Unit	LR4-E-R , LR4-E-Y , LR4-E-G , LR4-E-B , LR4-E-C , LR4-E-RZ , LR4-E-YZ , LR4-E-GZ , LR4-E-BZ , LR5-E-R , LR5-E-Y , LR5-E-G , LR5-E-B , LR5-E-C , LR5-E-RZ , LR5-E-YZ , LR5-E-GZ , LR5-E-BZ , LR6-E-R , LR6-E-Y , LR6-E-G , LR6-E-B , LR6-E-C , LR6-E-M LR6-E-RZ , LR6-E-YZ , LR6-E-GZ , LR6-E-BZ , LR7-E-R , LR7-E-Y , LR7-E-G , LR7-E-B , LR7-E-C ,
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LR-E-W18D-1_5

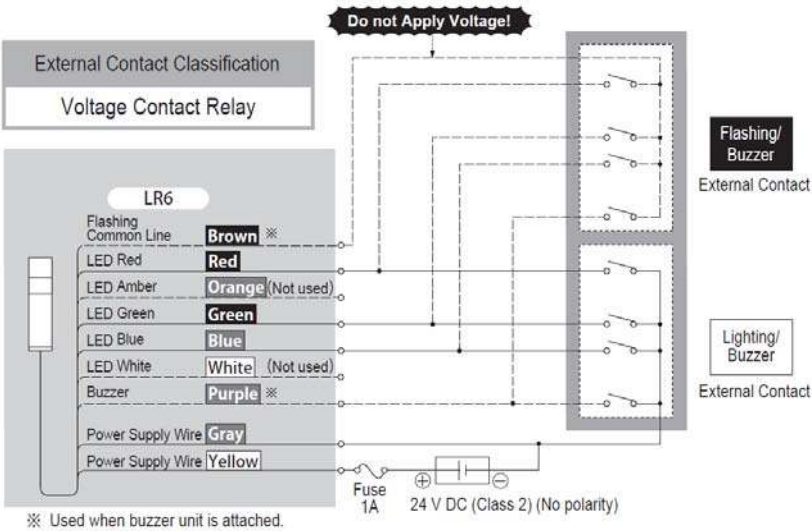
PATLITE Corporation

3.Outer Dimensions



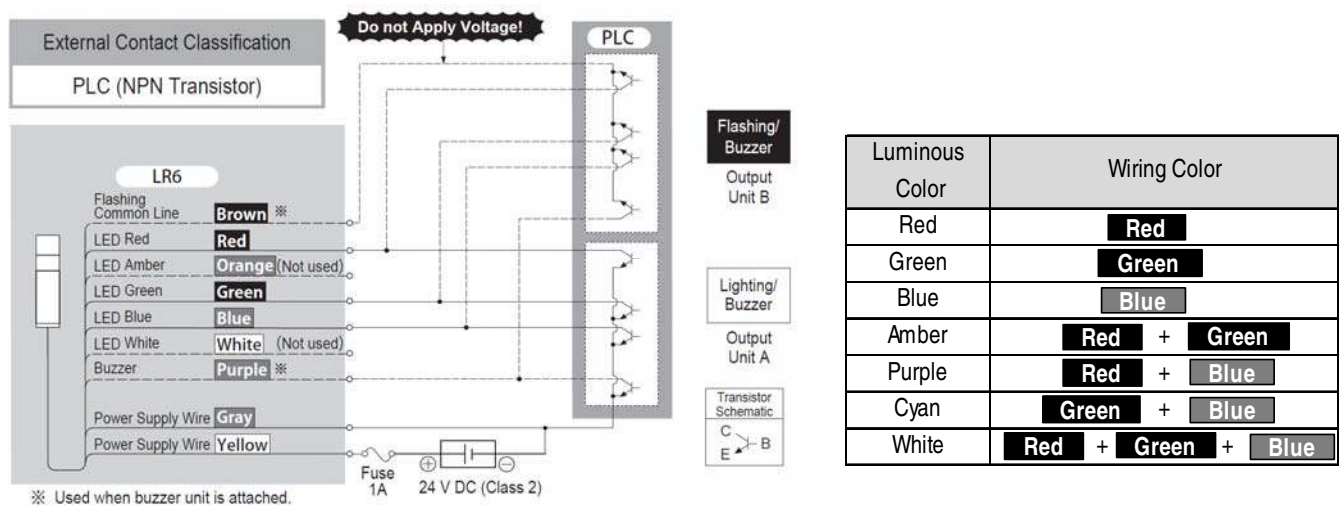
4.Multi Color LED Unit (LR6-E-MZ) Wiring Diagram

4.1.1 【LR6-02】Voltage Contact Relay Wiring Example

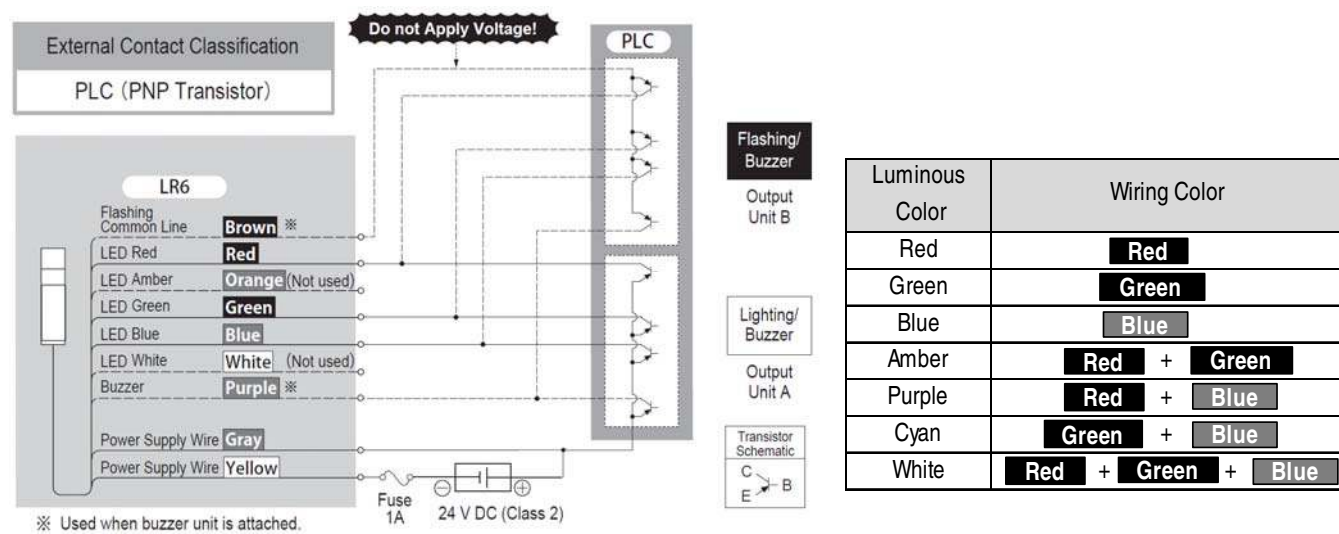


Luminous Color	Wiring Color
Red	Red
Green	Green
Blue	Blue
Amber	Red + Green
Purple	Red + Blue
Cyan	Green + Blue
White	Red + Green + Blue

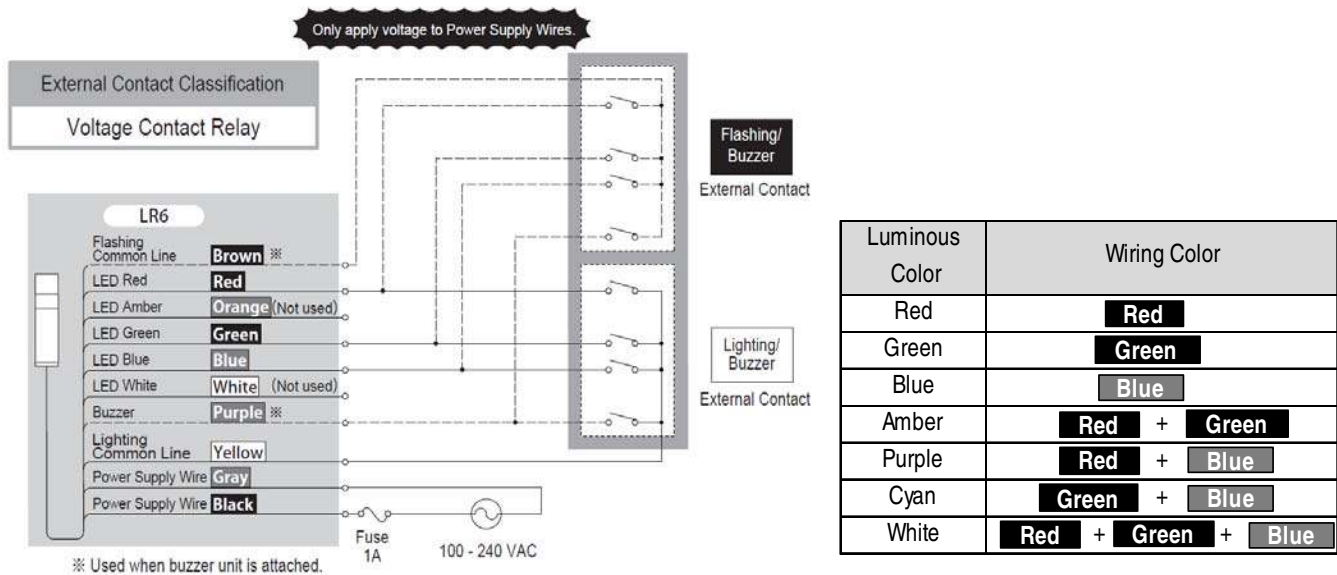
4.1.2 【LR6-02】PLC(NPN Transistor) Wiring Example



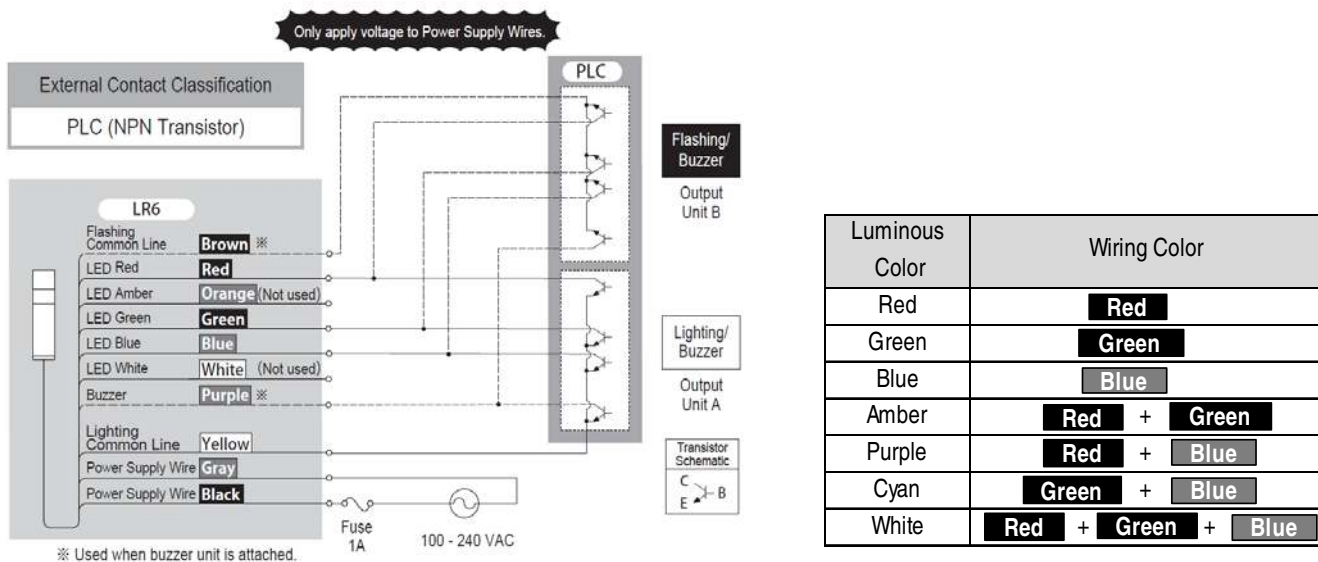
4.1.3 【LR6-02】PLC(PNP Transistor) Wiring Example



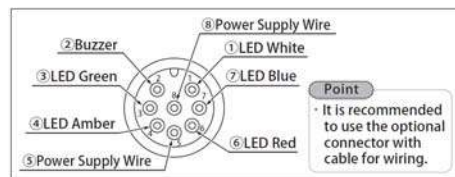
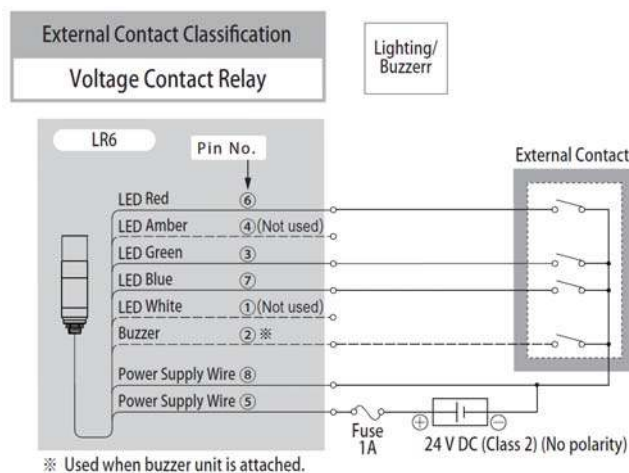
4.2.1 【LR6-M2】Voltage Contact Relay Wiring Example



4.2.2 【LR6-M2】PLC(NPN Transistor) Wiring Example

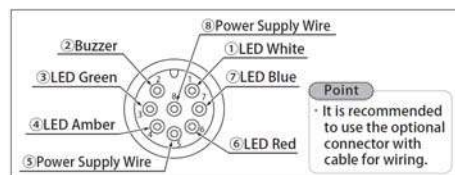
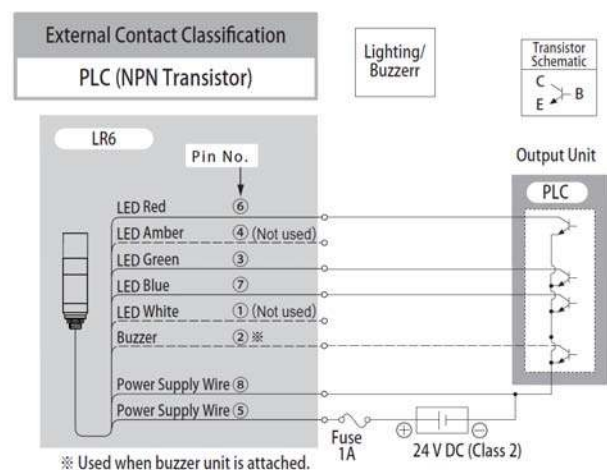


4.3.1 【LR6-02WC】Voltage Contact Relay Wiring Example



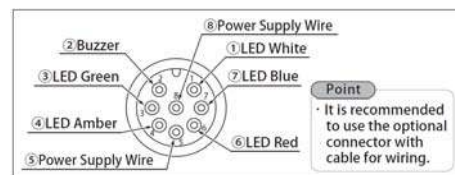
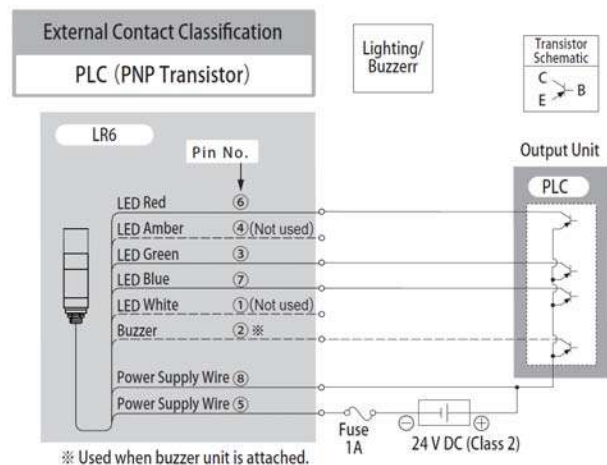
Luminous Color	M12 Connector Pin No.
Red	⑥
Green	③
Blue	⑦
Amber	⑥ + ③
Purple	⑥ + ⑦
Cyan	③ + ⑦
White	⑥ + ③ + ⑦

4.3.2 【LR6-02WC】PLC(NPN Transistor) Wiring Example



Luminous Color	M12 Connector Pin No.
Red	⑥
Green	③
Blue	⑦
Amber	⑥ + ③
Purple	⑥ + ⑦
Cyan	③ + ⑦
White	⑥ + ③ + ⑦

4.3.3 【LR6-02WC】PLC(PNP Transistor) Wiring Example



Luminous Color	M12 Connector Pin No.
Red	⑥
Green	③
Blue	⑦
Amber	⑥ + ③
Purple	⑥ + ⑦
Cyan	③ + ⑦
White	⑥ + ③ + ⑦