

### S125R / S125U

#### OPERATING MANUAL Bulb Revolving Warning Light

Thank you for purchasing Q.Light product.  
Please read this manual carefully before installing this system  
for safe and long use of the product.

#### 1 Product Feature

- Ensuring high revolving durability by applying a small bearing to the revolving axis.
- High efficiency in diffusing light by employing vacuum-metalized reflector.
- Volume(Buzzer Built-in Type) : 90dB(1m)
- RPM : 120~140/Min.(Controllable)
- Material : Lens-AS, Body-ABS, Reflector-Heat Resisting ABS
- Protection Class : IP23

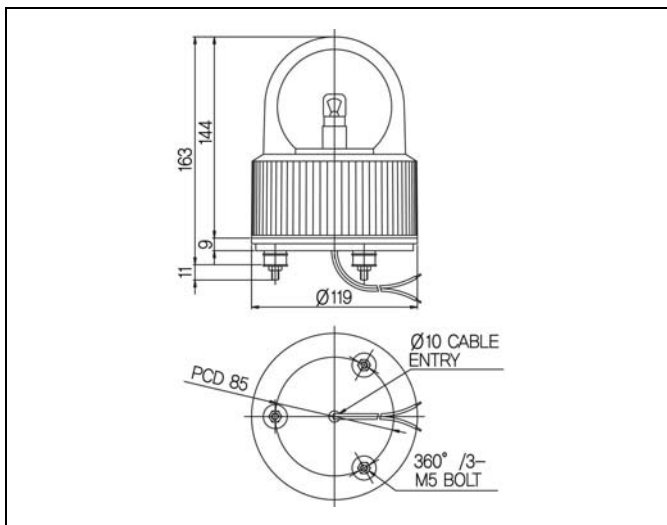
#### 2 Specification & External View Drawing

##### 1) S125R

##### General Specification

Model	Rated Voltage	Current	Bulb		Weight	Color
S125R	DC12V	0.966A	12V 10W	T16x35 15S	9	0.45Kg Red-R Amber-A
	DC24V	0.566A	24V 10W	T16x35 15S	10	
	AC110V	0.130A	12V 10W	T16x35 15S	9	0.83Kg Green-G Blue-B
	AC220V	0.065A	12V 10W	T16x35 15S	9	

##### External View Drawing

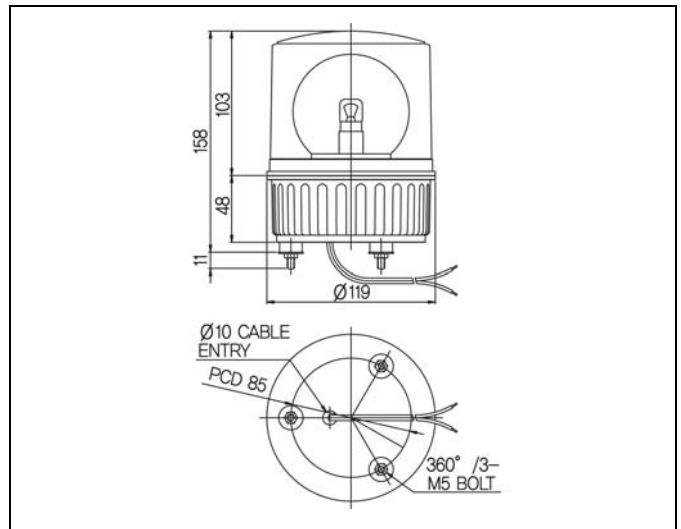


##### 2) S125U

##### General Specification

Model	Rated Voltage	Current	Bulb		Weight	Color
S125U	DC12V	0.966A	12V 10W	T16x35 15S	9	0.41Kg Red-R Amber-A
	DC24V	0.566A	24V 10W	T16x35 15S	10	
	AC110V	0.130A	12V 10W	T16x35 15S	9	0.80Kg Green-G Blue-B
	AC220V	0.065A	12V 10W	T16x35 15S	9	

##### External View Drawing

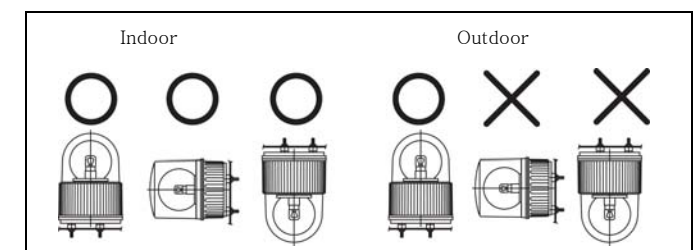


#### 3 Wiring Instruction

Power line UL1015-NO.16(1.25sq) x 2C 400mm comes out from the product.

- In case of product using AC voltage, connect the line without polarity(wire color).
- In case of product using DC voltage, black line is negative(-).

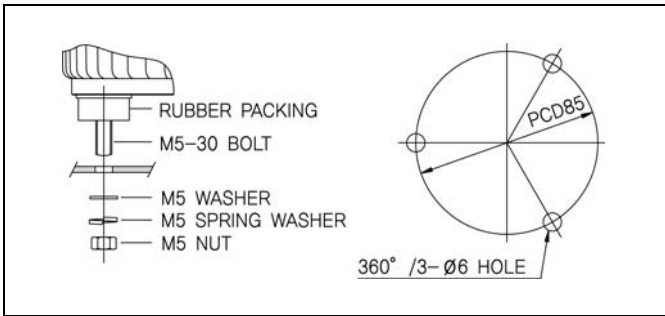
#### 4 Mounting



- This product was manufactured with the structure for indoor use. Installing in any direction is okay for indoor use.
- Outdoor use is limited at a place where no water or very little water percolates. Mounting also should be done only with vertical standing shape.
- Mount at the place where exists low vibration, low impact, low moisture and low dust as long as possible.
- Refer to below information and drill necessary mounting holes on profitable part of the product.

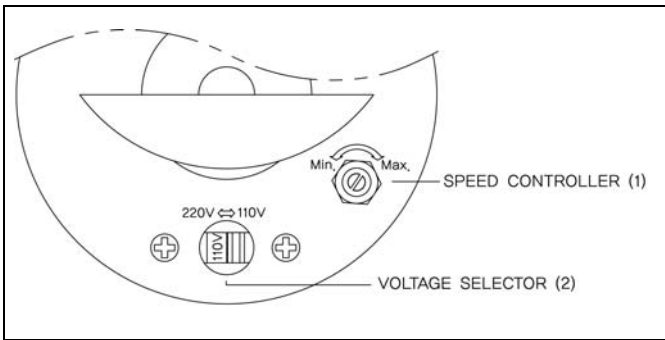
(Make sure PCD from external view drawing.)

- Fix the product by using nuts(M5-3EA) originally equipped on mounting bolt on bottom of the product.



### 5 Revolving Speed Control, Voltage Selection(AC Type), Bulb Change

This product has a volume(1) for controlling revolving speed and voltage selection switch(2) on assembling board. Refer to following drawing and explanation for right operating.



#### 1) Lens Removal

Remove lens by turning it counterclockwise and make sure related parts on assembling board.

#### 2) Revolving Speed Control

The volume(1) for revolving speed control is built-in this product. Turn it clockwise for increasing revolving speed and turn it counterclockwise for decreasing revolving speed.

#### 3) AC Voltage Selection

##### ※ Warning !

Must turn off power supply. Converting switch during power supply can cause short circuit.

- Can choose one of AC110V and AC220V by using voltage selection switch(2). 220V is already selected for standard product. Convert the switch to 110V if needed.

#### 4) Bulb Change

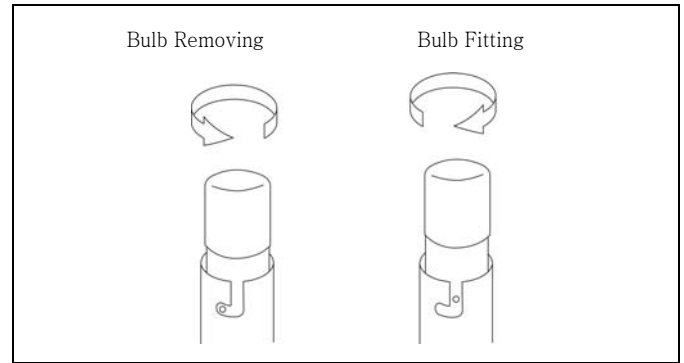
##### ※ Warning ! Turn off Power

Must turn off power supply and change the bulb after at least 1 minute.

- Make sure the rated voltage and wattage of new bulb. If the

voltage of new bulb is higher than that of original bulb, the self-life of product can be reduced and can cause damage on lens and reflector. Therefore, please use same bulb as original one which has same rated voltage and wattage or lower one.

- Bulb Removal : Press slightly the bulb downward and turn it counterclockwise for removing.
- Bulb Fitting : Fit new bulb into the socket by pressing it clockwise.



### 6 Caution

- If using voltage is seriously higher or lower than rated voltage, it can reduce the self-life of the product or can cause a problem on product operating. Make sure the using voltage does not exceed  $\pm 5\%$  of the rated voltage.
- If lens or body of the product is contaminated by chemicals such as thinner, benzene, the product can be damaged, discolored or deformed. Please be careful.
- Do not give strong impact to the product. It can be a reason of wire disconnection or short circuit.
- Do not strongly pull the wire out from the product. It can cause a disorder.

### 7 Troubleshooting

Situation	Main Cause	Solution
Non Lighting	Wire Disconnection with Bulb	Wire Re-connection or Bulb Change
Feeble Lighting Low Revolving Speed	Supplying Voltage Lower Than Rated Voltage	Making Sure Using Voltage
	Wrong Selecting Voltage Selection Switch to 220V (In Case of AC Type)	Selecting Voltage Selection Switch to 110V
	Wrong Operating Revolving Speed Control Volume	Turn the Volume Clockwise
Short Self-Life of Bulb	Supplying Voltage Higher than Rated Voltage	Making Sure Using Voltage
Lens Deformation Caused by Bulb Overheating Damage on Transformer (AC Type)	The Voltage of Bulb is Higher than Rated Voltage	Changing Bulb with Rated Voltage
Non Revolving	Problem with Motor	Contact Q.Light or Their Agent
Neither Lighting Nor Revolving	Wrong Wiring	Making Sure Wiring
	No Power Supply	Making Sure Power Supply

### — For A/S & Information on Product

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