

## S100DLR / S125DLR

### OPERATING MANUAL

#### LED Revolving Warning Light with Phone

Thank you for purchasing QLight product. Please read this manual carefully before installing this product for safe and long use.

### 1 Product Feature

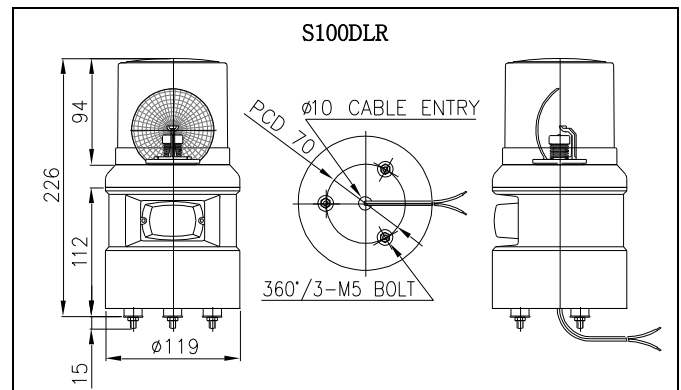
- Signal sound built-in product with long self-life of light source by employing high-brightness LED and possible to transmit both visual and auditory signal at same time.
- Excellent in diffusing signal light by employing unique direct-diffusion system.
- Excellent in diffusing signal light by employing a double reflection structure with a special reflector and multi-faced reflector.
- Ensuring high revolving durability by applying a special power transmission system to minimize noise and wear which is gained a patent.
- Material: Lens-AS, Body-ABS, Reflector-thermostable ABS
- RPM: 120~140RPM.
- Signal sound volume: MAX 105dB/m
- Flashes(Flashing Type): 60~80/Min.
- Protection Class: IP54
- Each model has 5 sound tones built-in. Select a suitable sound tone for the purpose of use

### 2 Specification & External View Drawing

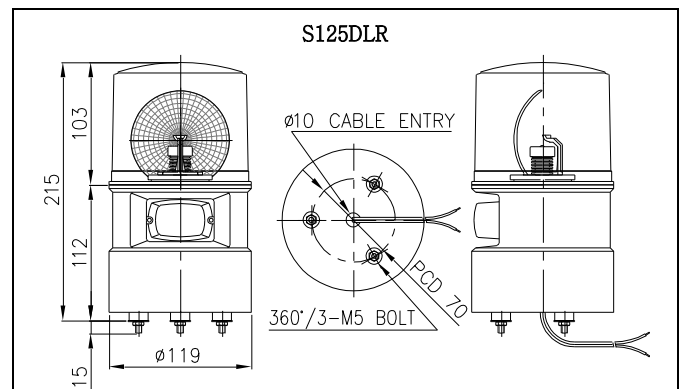
#### General Specification

Model	Rated Voltage	Current	Weight	RPM	Color
S100DLR	DC12V	0.483A	1.17Kg	120~140RPM.	RED-R AMBER-A GREEN-G BLUE-B
	DC24V	0.327A	1.17Kg		
	AC110V	0.120A	1.42Kg		
	AC220V	0.060A	1.42Kg		
S125DLR	DC12V	0.483A	1.03Kg		
	DC24V	0.327A	1.03Kg		
	AC110V	0.120A	1.45Kg		
	AC220V	0.060A	1.45Kg		

#### S100DLR External View Drawing



#### S125DLR External View Drawing



### 3 Sound Tone Combination of Standard Product

	Main Built-in Sounds	CH	Sound Tone	DB(Max)
WS	5Warning Sounds	ch1 ch2 ch3 ch4 ch5	Fire A-ANG Sound Emergency WA-U Sound Ambulance PI-PO Sound Machinery Fault PI-PI Sound High-Expasion Foamrelease PI-Sound	105dB
WM	5Melodies	ch1 ch2 ch3 ch4 ch5	Sweet Home For Elise Cuckoo Waltz Piano Sonata Turkish March	105dB
WA	5Alarms	ch1 ch2 ch3 ch4 ch5	Beep. intermittent Door chime Phone Ring sound PI.PI.PI. short interval Tripping bead sound	103dB
WV	3Voice Signals	Ch1 Ch2 Ch3	Voice recording 3 channels	95dB

### 4 Wiring Instruction

Power lines and signal sound tone lines come out from the product. Please connect them correctly after referring to below instruction.

#### Power line

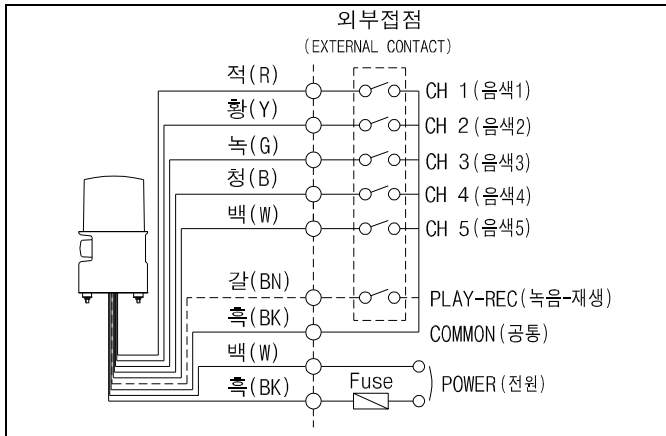
- Power line: UL1015-NO.18(0.75sq) X 2c 400mm
- In case of product using AC voltage, connect the line without

Polarity(wire color).

- In case of product using DC voltage, black line is negative(-).

### ► Signal line

- Signal line: UL1007-NO.22(0.3sq) 400mm



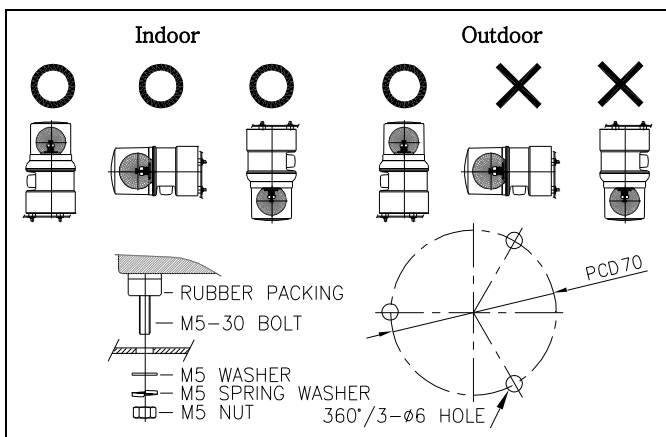
on product operating. Make sure the using voltage does not exceed  $\pm 5\%$  of the rated voltage.

- 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.
- In case of product using AC voltage, do not allow power supply either to common line or to signal line.

## 7 Troubleshooting

Situation	Main reason	Solution
Non- Lighting Partly	LED is partly damaged, supplying higher voltage then rated voltage.	Making Sure Using Voltage
Feeble Lighting, Lowering revolving speed	Supplying Voltage Lower Than Rated Voltage	
Output 2 kinds of sounds	Signal sound line short	Making Sure connection
	Problem Sound tone Selection Switch	Contact Q.Light or Their Agent
No sound	Problem with Horn	Contact Q.Light or Their Agent
	Wrong Wiring	Making Sure connection
Neither Lighting nor Flashing, No sound	Wrong Wiring	Making Sure Wiring
	No Power Supply	Making Sure Power Supply

## 5 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 on the vertical standing direction.
- Mount at the place where exists low vibration, low impact, low moisture and low dust as long as possible.
- Please make a hole by a drill where you need to attach our product and refer to below picture for a hole size. (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.

## 6 Caution

- If using voltage is seriously higher or lower than rated voltage, it can reduce the self-life of the lamp LED or can cause a problem

## ■ Inquiry for Product and C/S

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