

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

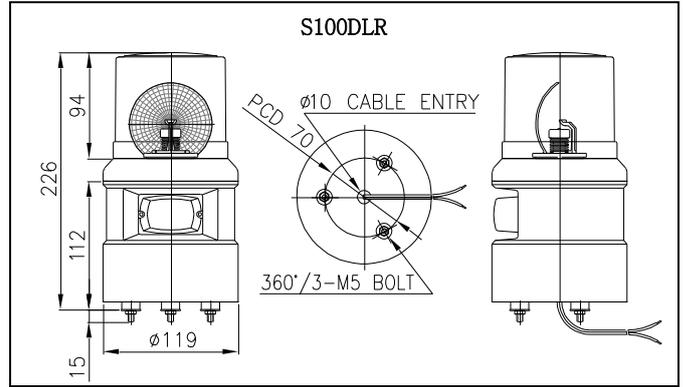
- Signal sound built-in product with long self-life of light source by employing high-brightness LED and possible to transmit both visual and auditory signal at same time.
- Excellent in diffusing signal light by employing unique direct-diffusion system.
- Excellent in diffusing signal light by employing 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

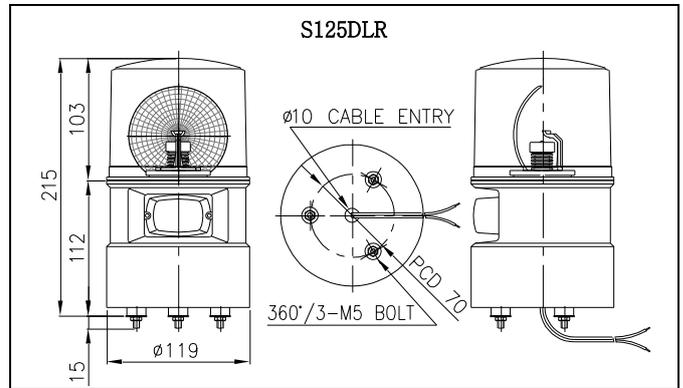
General Specification

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

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

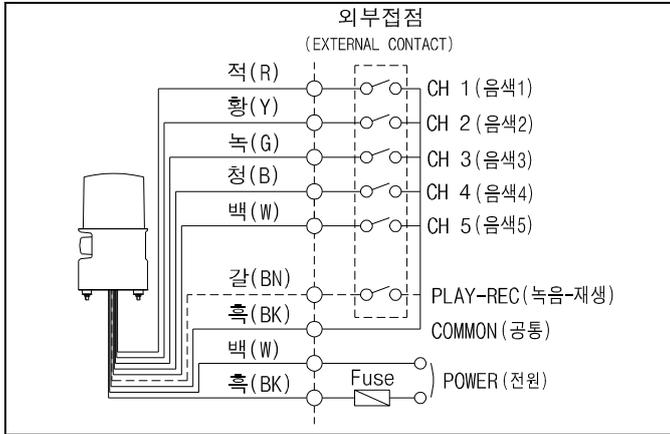
- Power line: UL1015-NO.18(0.75sq) X 2c 400mm
- In case of product using AC voltage, connect the line without

Polarity(wire color).

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

▶ Signal line

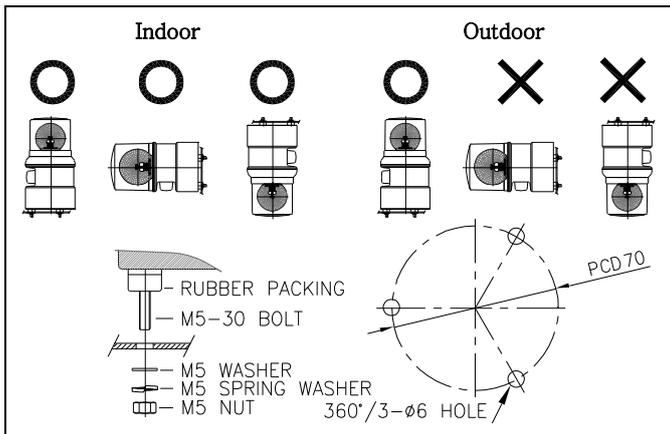
- Signal line: UL1007-NO.22(0.3sq) 400mm



on product operating. Make sure the using voltage does not exceed +/-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.

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

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	Making Sure Using 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

■ Inquiry for Product and C/S

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