

S100DL / S125DL

OPERATING MANUAL

LED Steady/Flashing Light with Phone

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

1 Product Feature

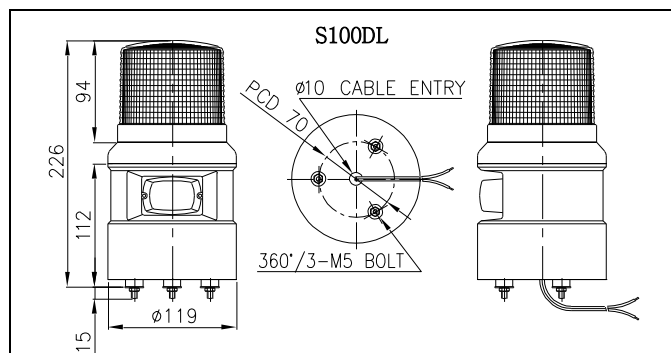
- Signal sound built-in product with long self-life of light source by employing high-brightness LED and possible to transmit both visual and auditory signal at same time.
- Excellent in diffusing signal light by employing unique direct-diffusion system.
- Possible to select "steady light" or "flashing light" by using built-in steady/flashing selection switch according to the purpose of use.
- Material: Lens-AS, Body-ABS, Reflector-thermostable ABS
- 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

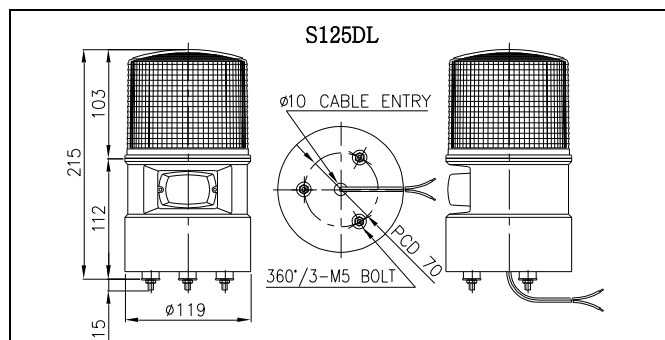
General Specification

Model	Rated Voltage	Current	Weight	Flashes	Color
S100DL	DC12V	0.411A	0.97Kg	60~80/min.	RED-R AMBER-A GREEN-G BLUE-B
	DC24V	0.315A	0.97Kg		
	AC110V	0.114A	1.38Kg		
	AC220V	0.057A	1.38Kg		
S125DL	DC12V	0.517A	0.92Kg		
	DC24V	0.435A	0.92Kg		
	AC110V	0.123A	1.31Kg		
	AC220V	0.062A	1.31Kg		

S100DL External View Drawing



S125DL External View Drawing

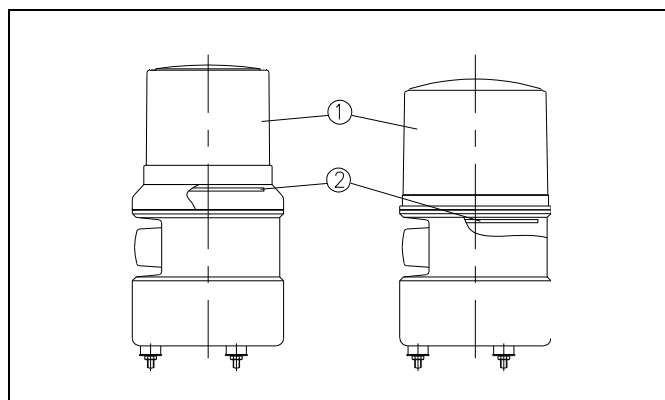


3 Sound Tone Combination of Standard Product

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 Selecting Steady/Flashing Type

This product has built-in the switch on the assembling board for steady/flashing selection. Refer to the following drawing and explanation for right operating.

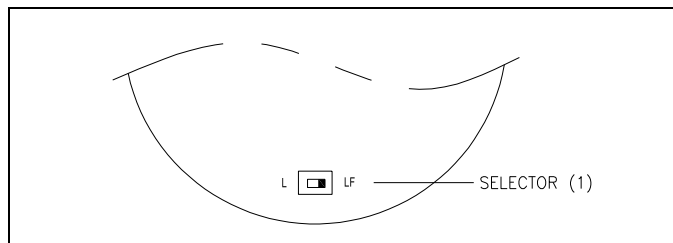


1) Lens Removal

Remove lens① by turning it counterclockwise and make sure Steady/Flashing Selecting switch on the assembling board②.

2) Selecting Steady/Flashing Type

Choose steady light or flashing light by using Steady/Flashing Selecting switch(1)- SELECTOR(1). "L" mode of the switch is for steady type and "LF" mode is for flashing type.



3) Lens Assembling

Assemble the product in reverse order of separating.

5 Wiring Instruction

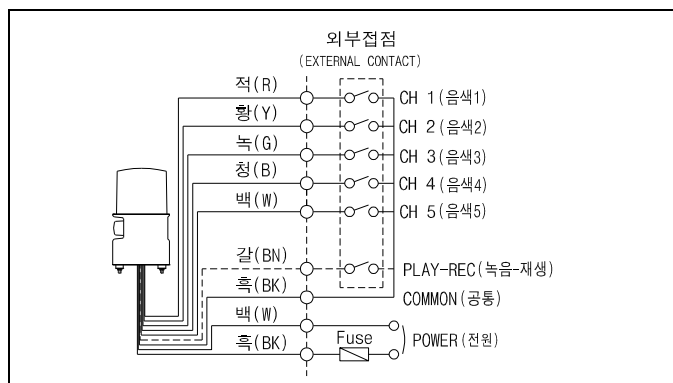
Power lines and signal sound tone lines come out from the product. Please connect them correctly after referring to below instruction.

► 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

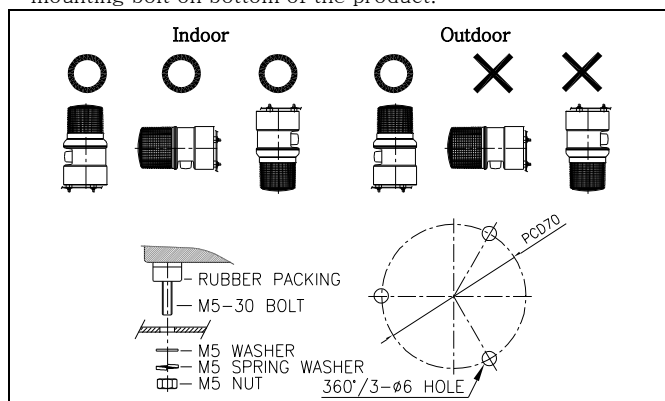


6 Mounting

- 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.



7 Caution

- Make sure end of any unused wires are insulated by tape.
- 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 allow power to signal line. Must use contact point which has no power supply.

8 Trouble shooting

Situation	Main reason	Solution
Non- Lighting Partly	LED is partly damaged, supplying higher voltage then rated voltage.	Making Sure Using Voltage
Over-volume sound	Supplying Voltage Higher than Rated Voltage	
Feeble Lighting, bad sound tone quality	Supplying Voltage Lower Than Rated Voltage	
Lighting but Non-Flashing	Wrong Operating L/LF Selection Switch	Convert L/LF Selection Switch Contact Q.Light or Their Agent
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 SurePower Supply

— For A/S & Information on Product

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