

S100DS / S125DS

OPERATING MANUAL Strobe 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

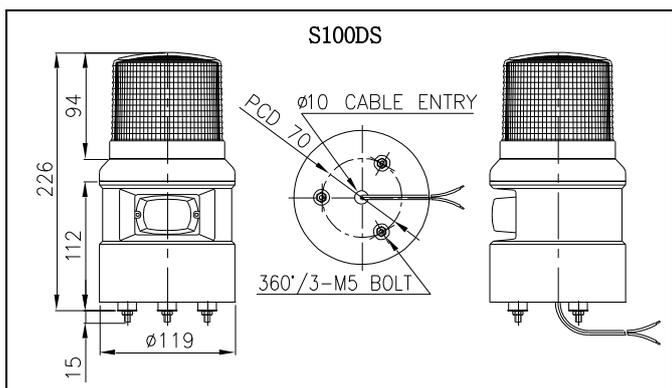
- Signal sound built-in product employing strong xenon lamp and possible to transmit both visual and auditory signal at same time.
- Having a built-in switch for controlling the frequency of continuous flashing. (Controllable from 2 times to 4 times)
- Lamp of connector type whose replacement is easy and simple.
- Material: Lens-AS, Body-ABS
- Signal sound volume: MAX 105dB/m
- Flashes(Flashing Type): 60-80/Min.
- Protection Class: IP54

2 Specification & External View Drawing

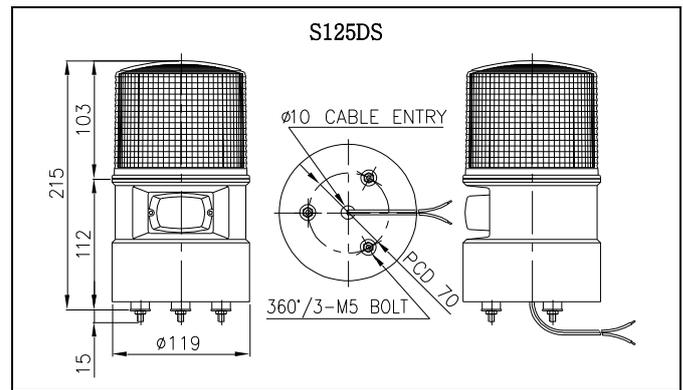
General Specification

Model	Rated Voltage	Current	Weight	Flashes	Color
S100DS	DC12V	1.331A	0.76Kg	60-80/min.	RED-R AMBER-A GREEN-G BLUE-B
	DC24V	0.899A	0.76Kg		
	AC110V	0.231A	1.21Kg		
	AC220V	0.155A	1.21Kg		
S125DS	DC12V	1.331A	0.78Kg		
	DC24V	0.899A	0.78Kg		
	AC110V	0.231A	1.23Kg		
	AC220V	0.155A	1.23Kg		

S100DS External View Drawing



S125DS 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 Change Bulb

1) Warning!

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

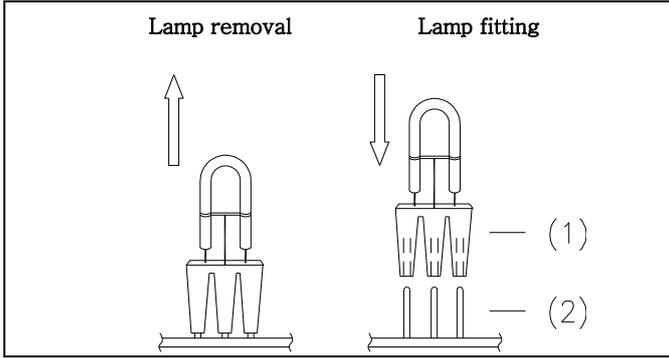
- Xenon lamp emits superheat when working. Please be aware you should not touch bulb before lowering its heat prevent from a burn.
- Xenon lamp work with a high voltage, if you touch a assembling board or lamp without power-off, you may receive an electric shock.

2) Lens Removal

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

3) Change Lamp

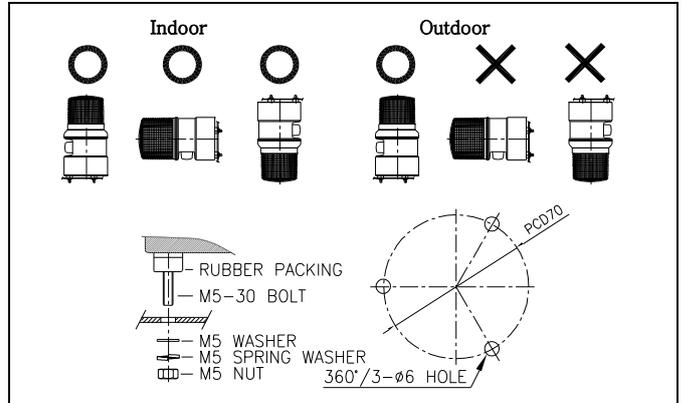
- Our company's xenon lamp (1) is made as a connector type lamp. If you pull out with a small strength, it can be separated easily.
- Please fit the lamp by checking a connector pin location (2) as below picture.



4) Lens Assembling

Assemble the product in reverse order of separating.

- 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.



5 Wiring Instruction

Power lines and signal sound tone lines come out from the product.

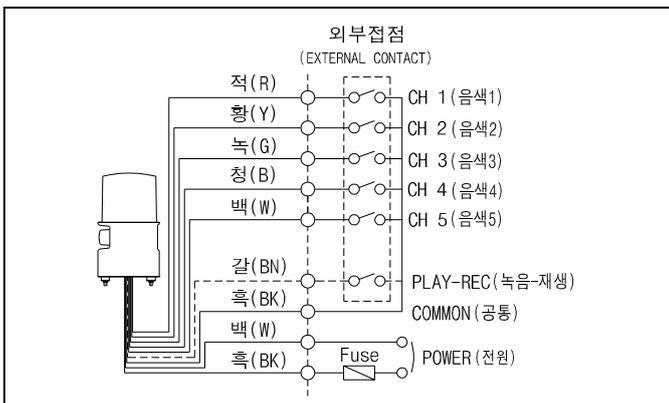
Please connect them correctly after referring to below instruction.

► 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.

7 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 +/-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.

8 Trouble shooting

Situation	Main reason	Solution
Lamp non-working	Damage on Lamp	Change Lamp
	Lamp connector badness	Re-connecting Lamp connector
	No Power Supply	Making sure Power Supply
Strobe working irregularly.	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 QLight or their Agent
No sound	Problem with sound	Contact QLight or their Agent
	No Power Supply	Making sure Power Supply
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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