

# Qlight S125D series Signal Warning Light and Alarm Sounder Combinations User Manual

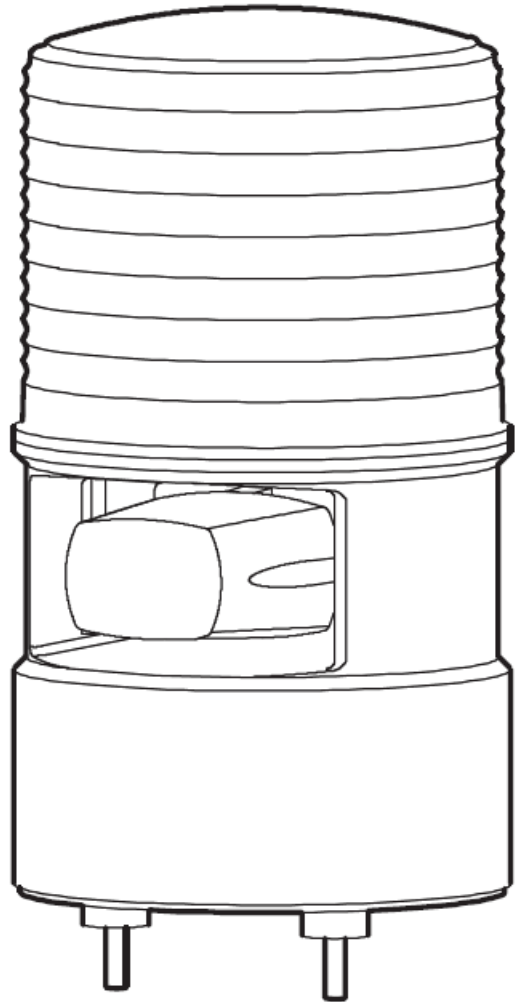
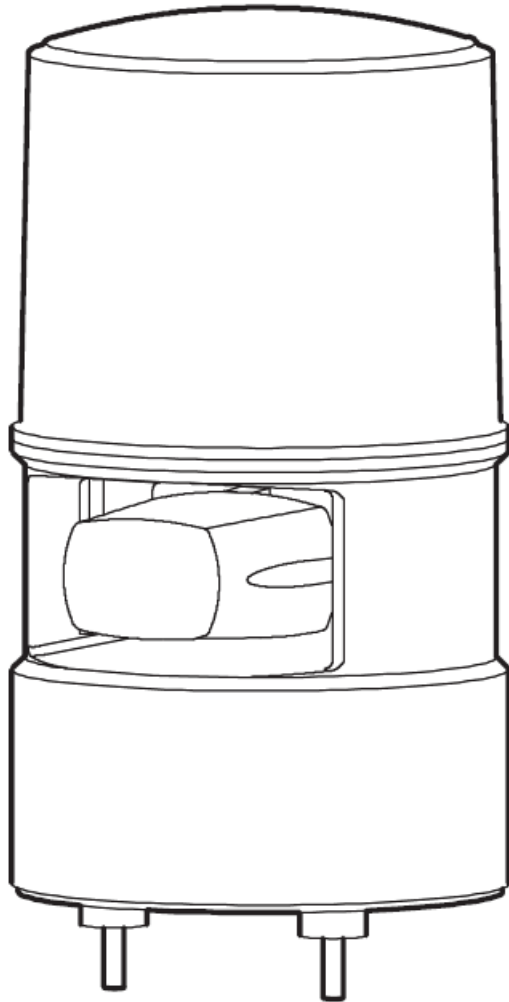
[Home](#) » [QLIGHT](#) » Qlight S125D series Signal Warning Light and Alarm Sounder Combinations User Manual 

## Contents

- 1 S125D series Signal Warning Light and Alarm Sounder Combinations
- 2 Product Information: Signal/Warning Light and Alarm Sounder Combinations
- 3 Specifications:
- 4 Product Usage Instructions:
- 5 Precautions for Safety:
- 6 Precautions for Correct Use:
- 7 Ordering Specifications:
- 8 Precautions for Safety
- 9 Precautions for Correct Use
- 10 Ordering Specifications
- 11 Specifications
- 12 Dimensions
- 13 Wiring Instructions
- 14 Combination of Standard Product
- 15 Volume Adjustment
- 16 Parts Definition/ Installation
- 17 Light Function Selection
- 18 Light bulb/ Xenon Bulb Replacement instructions
- 19 Installation Environment and Protection Rating
- 20 Product installation direction
- 21 Documents / Resources
  - 21.1 References
- 22 Related Posts



**S125D series Signal Warning Light and Alarm Sounder Combinations**



## **Product Information: Signal/Warning Light and Alarm Sounder Combinations**

The S125D series Signal/Warning Light and Alarm Sounder Combinations from Qlight are designed to provide audio-visual signals for safety and emergency applications. The product comes with a variety of sound patterns and volume adjustments to cater to different needs.

### **Specifications:**

- **Model Number:** S125D
- **Voltage:** DC12V, DC24V, AC110V, AC220V
- **Sound Pattern and Volume:** Max. 95dB
- **Weight:** 1.00Kg – 1.41Kg
- **Color:** Red, Amber, Green, Blue

### **Product Usage Instructions:**

Please follow the instructions below for safe and correct use of the product:

### **Precautions for Safety:**

1. During wiring or maintenance, please completely turn off the power of the product. (Failure to follow this may lead to an electric shock.)

2. Do not install the product in locations that subjects it to excessive dust or water other than the conditions designated by the IP protection.

### **Precautions for Correct Use:**

1. Follow the proper instructions to avoid damage to property, the product, and/or malfunction of the product that would void the warranty.

### **Ordering Specifications:**

- Model number
- Sound
- Voltage
- Color (R-Red, A-Amber, G-Green, B-Blue)

The product comes with a QR code for more detailed information. The user manual also includes specifications, wiring instructions, parts definition/installation, and sound tone combinations for the standard product.

Thank you for purchasing Qlight's products. Please read this user manual carefully prior to installation and operation to ensure safe and correct use.

### **Precautions for Safety**

**Failure to follow the instructions below may cause a loss of life or serious physical injury.**

1. During wiring or maintenance, please completely turn off the power of the product. (Failure to follow this may lead to an electric shock.)
2. Do not install the product in locations that subjects it to excessive dust or water other than the conditions designated by the IP protection ratings indicated for each product. (Failure to follow these instructions may cause a fire to the product, electric shock, physical injury, malfunction or damage to the product.)
3. Do not alter or repair this product. If maintenance or repair service is required, please contact your local Qlight contact point. (Failure to follow these instructions may lead to fire, electric shock, or product damage.)
4. Please apply the correct voltage to the product. (Failure to follow these instructions may lead to fire, electric shock, or product damage.)
5. When the product is applied to a condition that may impact lives or property, please make sure to have a double safety device. (Failure to follow this may cause damage to property, fire, electric shock and loss of life.)

### **Precautions for Correct Use**

Failure to follow the proper instructions may cause damage to property, the product, and or malfunction of the product that would void the warranty.

1. Please remove any objects that can interrupt ventilation around the product.
2. Please turn off the power of the product immediately if it fails to operate properly.
3. Carefully wire the product according to each product's specification.

4. Please be careful in preventing chemicals such as thinner, benzene, etc. in contact with the surface of the product.
5. Do not apply excessive force/impact to the product.
6. Failure to follow any of the instructions above may cause malfunction or damage to the product, fire, and electric shock.

## Ordering Specifications

S125D	–	WA	–	220	–	R
[Model number]		[Sound]		[Voltage]		[Color]
<ul style="list-style-type: none"> <li>• S125DLR</li> <li>• S125DL</li> <li>• S125DS</li> <li>• S125D</li> </ul>	<ul style="list-style-type: none"> <li>• WS- Warning sounds</li> <li>• WM- Melodies</li> <li>• WA- Alarms</li> <li>• WV- Customizable sounds</li> </ul>			<ul style="list-style-type: none"> <li>• 12-DC12V</li> <li>• 24-DC24V</li> <li>• 110- AC110V</li> <li>• 220- AC220V</li> </ul>		R-Red  A-Amber G-Green B-Blue

## Specifications

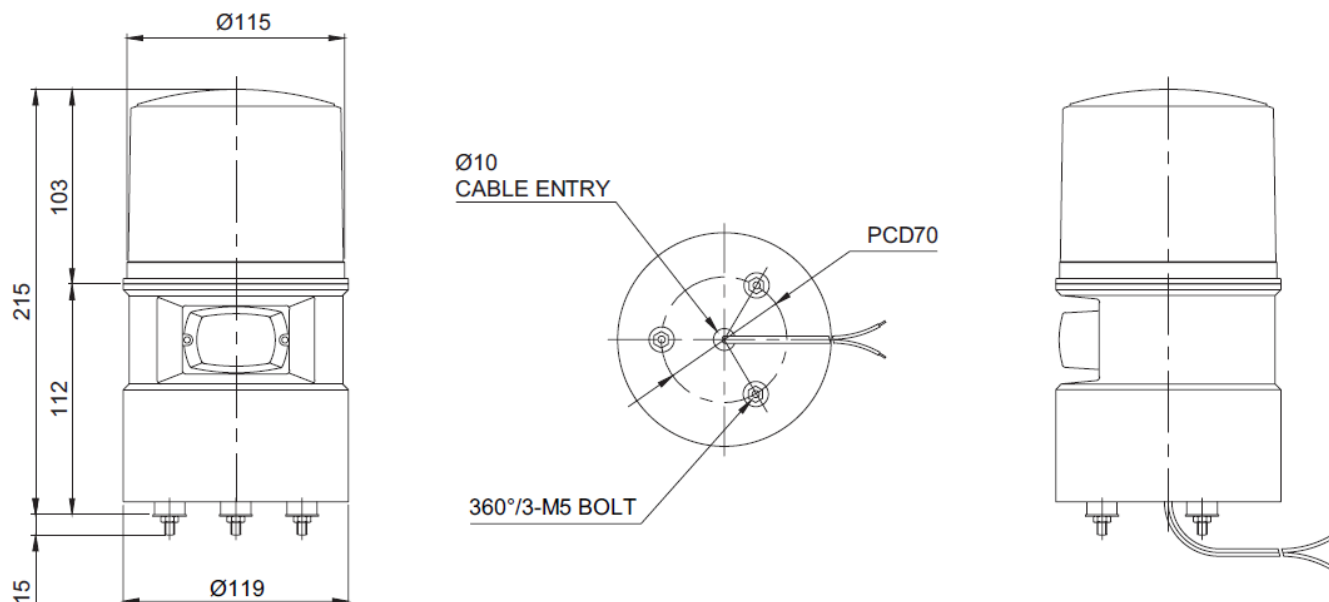
Model number	Voltage	Current	Bulb specifications			Sound pattern and volume	Certificates	Weight	Color
			Volts/Watts	Configuration	Part#				
S125D	DC12V	1.266A	12V10W	T16x35 15S	9	• WS- 5 Warning Sounds : Max. 105dB		1.00 Kg	R-Red  A-Amber G-Green B-Blue
	DC24V	0.766A	24V10W	T16x35 15S	10	• WM- 5 Melodies : Max.105B			
	AC110V	0.187A	12V10W	T16x35 15S	9	• WA- 5 Alarms : Max.103dB			
	AC220V	0.094A	12V10W	T16x35 15S	9	• WV- 5 Customizable sounds : Max.95dB		1.41 Kg	

**CE compliant** : DC24V, AC110V/220V

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight	Color	
	DC12V~24V	Max. 0.520A	<ul style="list-style-type: none"> <li>• WS- 5 Warning Sounds : Max. 105dB</li> <li>• WM- 5 Melodies : Max. 105B</li> <li>• WA- 5 Alarms : Max.103dB</li> <li>• WV- 5 Customizable sounds : Max.95dB</li> </ul>		0.76Kg		
S125DL	AC110V	0.125A			1.16Kg		
	AC220V	0.065A					
	DC12V	0.483A			0.92Kg	R-Red	
	DC24V	0.327A					
S125DLR	AC110V	0.120A				A-Amber	
	AC220V	0.060A				G-Green	
					1.29Kg	B-Blue	
	DC12V~24V	Max. 1.330A			0.78Kg		
S125DS	AC110V	0.230A			1.23Kg		
	AC220V	0.155A					

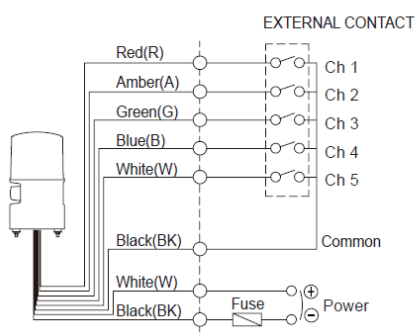
- Protection rating :IP54
- Ambient operating temperature : -20°C to +50°C (S125D, S125DLR) -30°C to +50°C (S125DL, S125DS)

## Dimensions

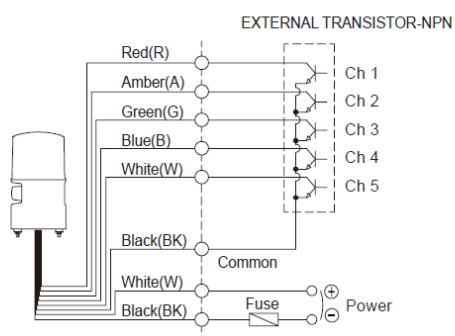


## Wiring Instructions

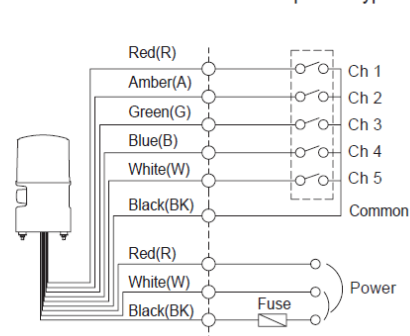
S125D/ S125DL/ S125DLR/ S125DS-DC/AC



S125DL-DC/AC



S125D/S125DLR-AC compatible type

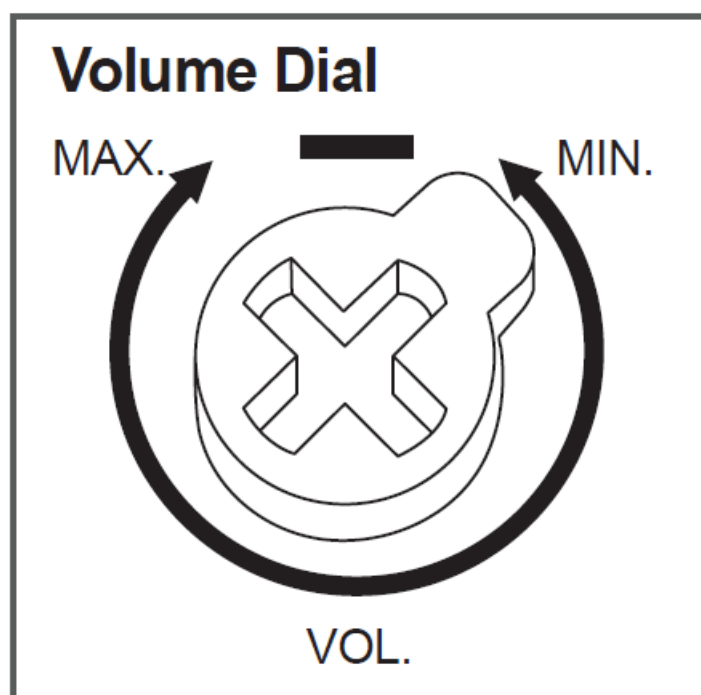


- External power line – UL1015 AWG18(0.75sq) x 2C 400mm
- External signal line – UL1007 AWG22(0.3sq) 400mm
- AC compatible type shall be connected the black and white wires when using AC110V, and the black and red wires when using AC220V. Sound Tone

## Combination of Standard Product

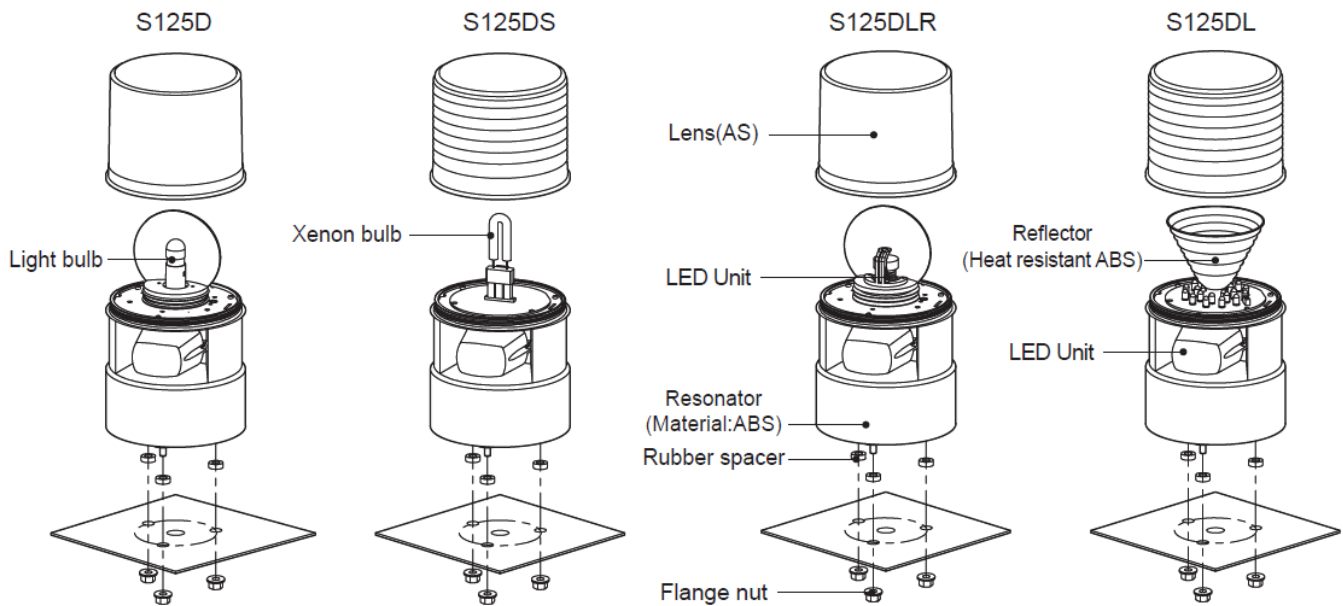
Category	Sound pattern	Channel	Sound tone	Volume (Max.)
WS	5 Warning sounds	Ch1	Fire	105dB
		Ch2	Emergency	
		Ch3	Ambulance	
		Ch4	Machinery Fault	
		Ch5	High Expansion	
WM	5 Melodies	Ch1	Sweet Home	105dB
		Ch2	For Elise	
		Ch3	Cuckoo's Waltz	
		Ch4	Piano Sonata	
		Ch5	Turkish March	
WA	5 Alarms	Ch1	Beep Intermittent	103dB
		Ch2	Door Chime	
		Ch3	Phone Ring	
		Ch4	PI.PI.PI Short	
		Ch5	Tripping Beat	
WV	5 Customizable sounds	Ch1- Ch5	Available upon request(customized voice type)	95dB

## Volume Adjustment



- The volume output of this product is adjustable.
- Turn the volume dial clockwise to increase the volume, and turn counter clockwise to decrease the volume.
- There will be no sound when the dial is put at MIN.

## Parts Definition/ Installation

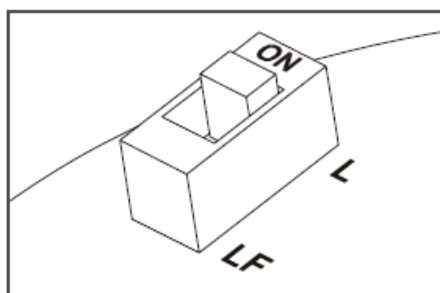


- First, remove the flange nuts from bolts and place the product through the mounting surface holes.
- Fasten the flange nuts on the opposite side of the mounting surface until the product is tightened securely.

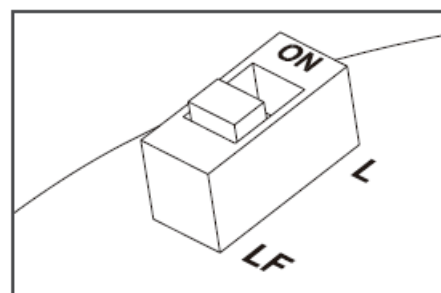
## Light Function Selection

### Light Function Selection(125DL only)

Please refer to the chart below to use light function selection switch located inside the product.



► L : Steady



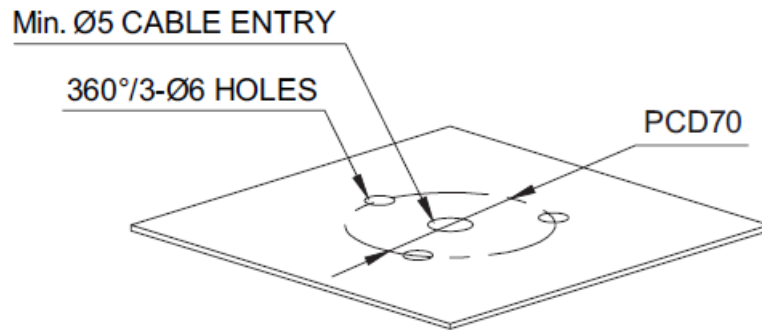
► LF : Flashing

Default function is set at steady LED. Select the desired function for your application during installation.

## Mounting Hole Specifications

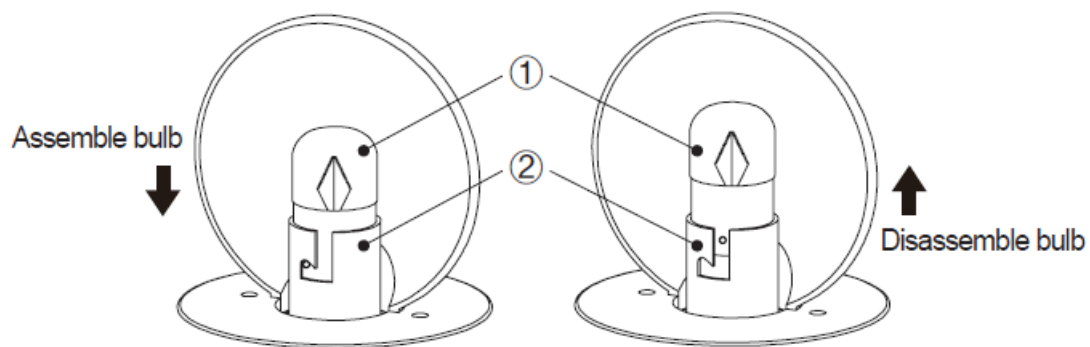
Machine holes on the mounting surface referring to the diagram below.





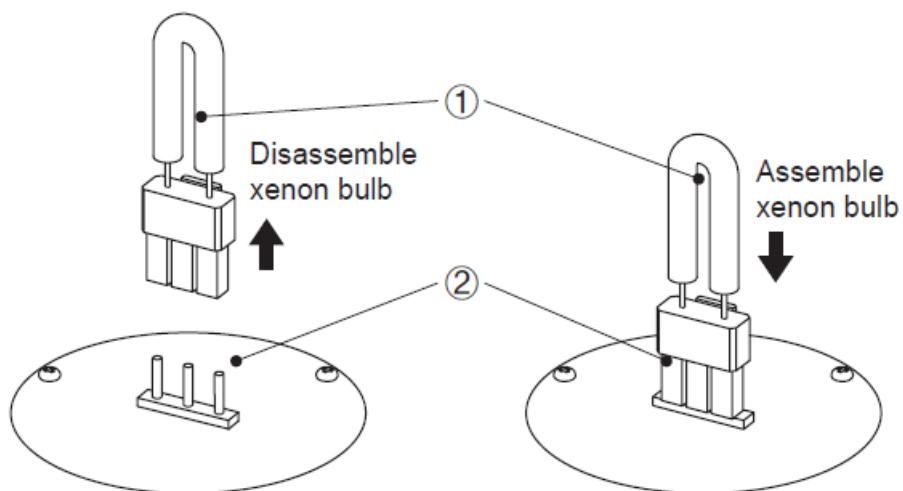
## Light bulb/ Xenon Bulb Replacement instructions

### Bulb Replacement Instructions(S125D model only)



- Please wait at least 1 minute after turning off the power before replacing the bulb.
- In order to disassemble the bulb, please push down the bulb(①) lightly and screw it counterclockwise.
- In order to put the bulb in to the unit, please place the bulb(①) in the socket(②) and screw it clockwise while lightly pushing down the bulb.

### Xenon Bulb Replacement instructions(S125DS only)



- Please wait at least 30 minutes after turning off the power before replacing the xenon bulb.
- Please pull out the entire xenon bulb structure ① to disassemble.

- For xenon bulb assembly, please ensure the connector portion of the xenon bulb structure matches the pin location②.

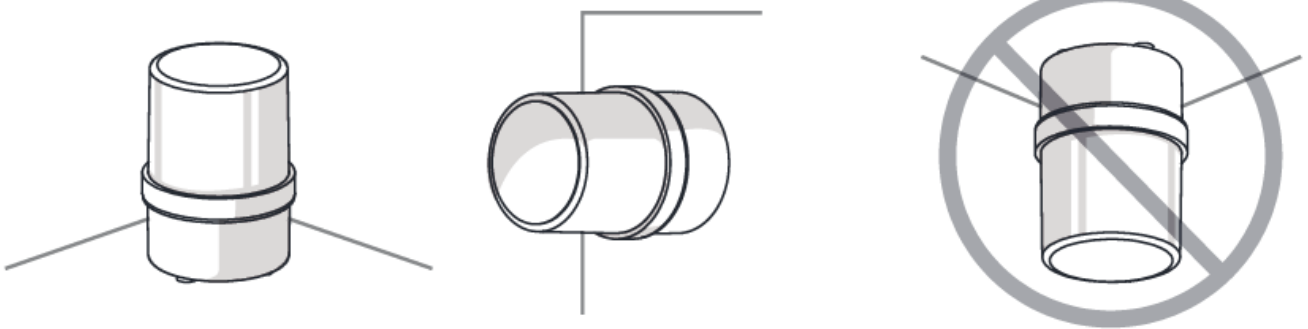
## Installation Environment and Protection Rating

- This product is designed for use with protection rating of IP54.
- If the product is installed in locations that subject it to excessive dust or water other than the designated IP protection rating indicated(IP54), it may cause malfunction or damage to the product.
- In case of outdoor applications, install the product in the upright position. Do not install the product horizontal or upside- down positions where water can potentially penetrate into the product and impact it's operation.
- For further information, please visit our website ( [www.qlight.com](http://www.qlight.com) ).

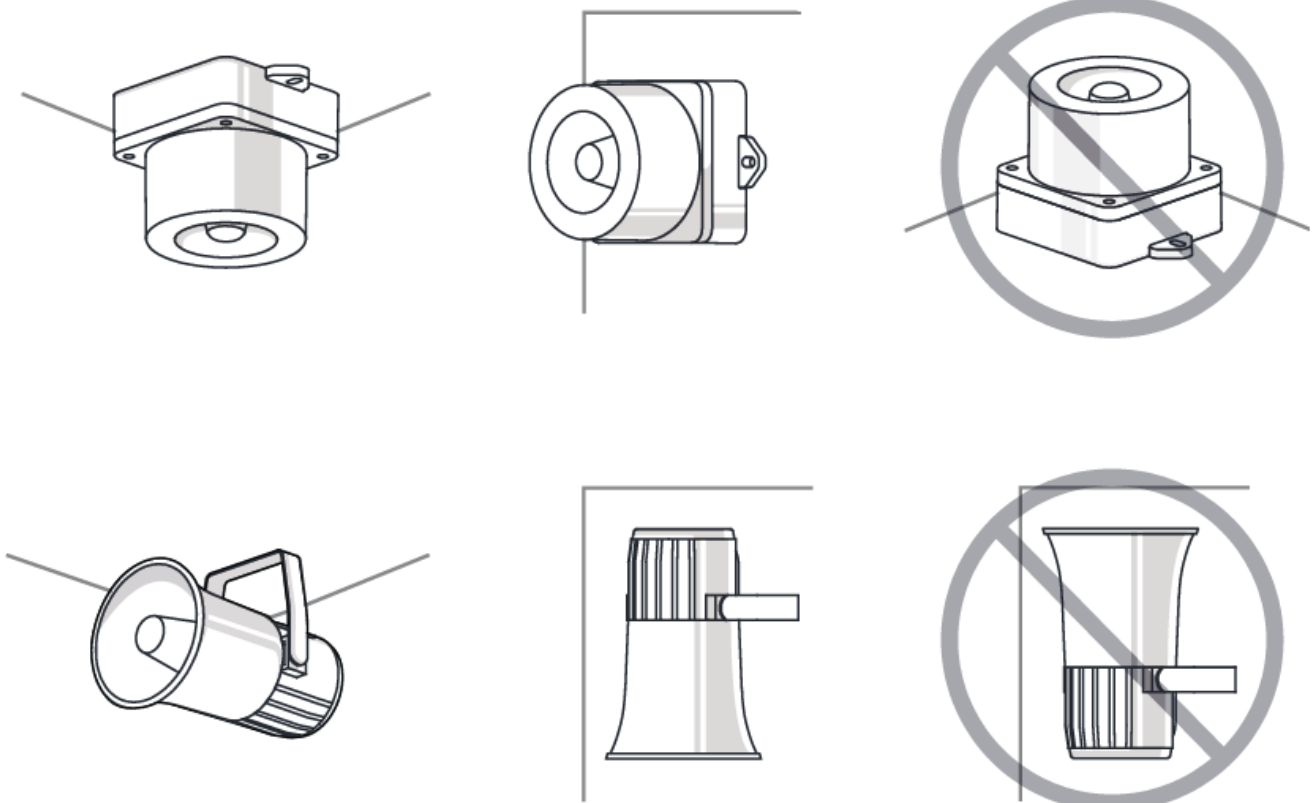
## Product installation direction

**Install the product in accordance with the manual. Otherwise rainwater or moisture may penetrate into the product.**

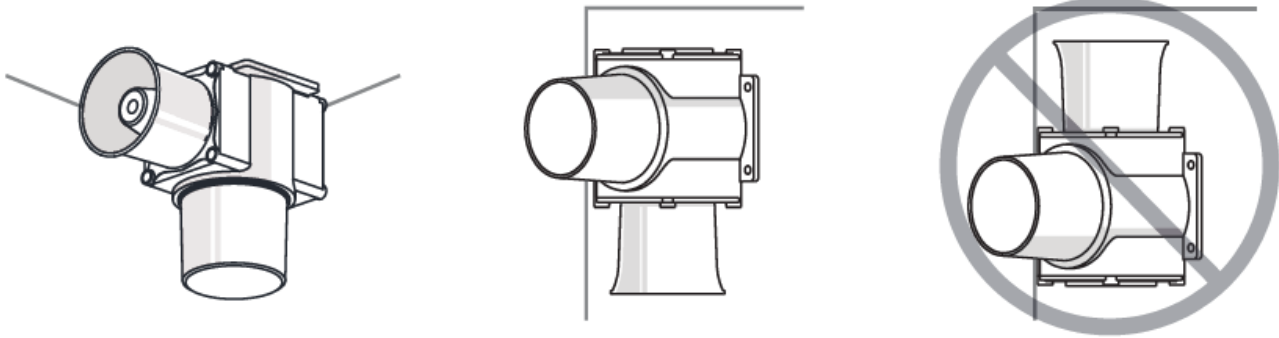
- BEACON/SIGNALING LIGHT



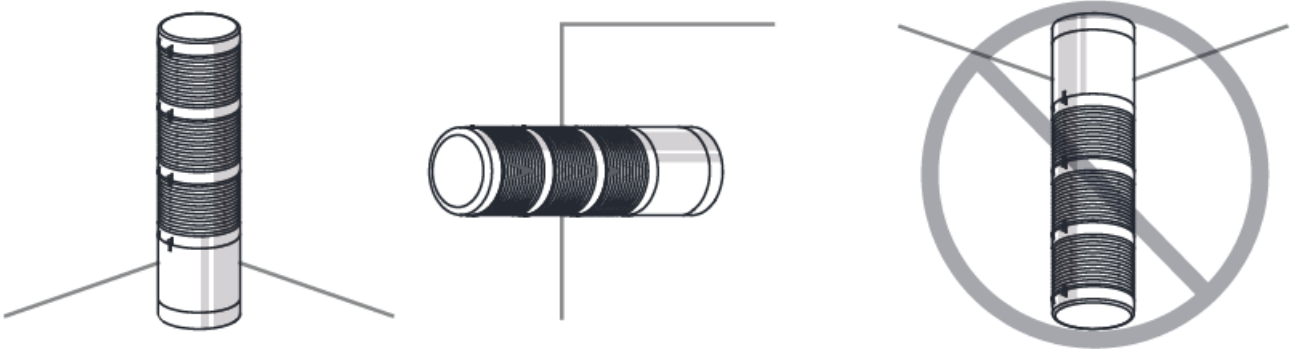
- ELECTRONIC SOUNDER/SIGNAL HORN



- HEAVY-DUTY & EXPLOSION PROOF SIGNALINGS



- SIGNAL TOWER LIGHTS



## For your safety

Specification and dimensions listed in this catalogue subject to change without notice for product quality improvement. The newest product information is available on our website. ([www.qlight.com](http://www.qlight.com)) Please read the instruction manual attached to the product carefully before installation and use.

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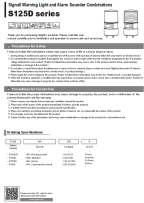
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## Documents / Resources

	<p><a href="#">Qlight S125D series Signal Warning Light and Alarm Sounder Combinations</a> [pdf] User Manual</p> <p>S125D series Signal Warning Light and Alarm Sounder Combinations, S125D series, Signal Warning Light and Alarm Sounder Combinations, Alarm Sounder Combinations, Sounder Combinations</p>
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## References

-  [Qlight - Warning Light, Beacon, Audible & Visual Signal, Tower Light](#)
-  [\(Qlighte\)\\_\\_\\_\\_\\_](#), \_\_\_\_\_
-  [Signal Tower Lights, Warning Lights & Electric Horns, Fully Enclosed Products, Explosion proof Products, LED Work Lights-Qlight](#)

Manuals+.