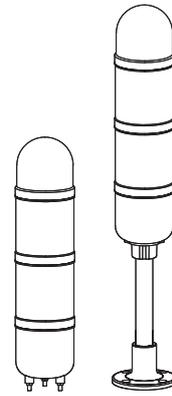


# Stackable Warning/ Signal Lights

# SR/ SRP/ SRL/ SRLP



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, 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

|                |   |             |   |                                     |   |            |
|----------------|---|-------------|---|-------------------------------------|---|------------|
| <b>SRL</b>     | - | <b>3</b>    | - | <b>220</b>                          | - | <b>RAG</b> |
| [Model number] |   | [Layer]     |   | [Voltage]                           |   | [Color]    |
|                |   |             |   |                                     |   |            |
| • SR           |   | • 1-1Layer  |   | • 12 - DC12V                        |   | R-Red      |
| • SRP          |   | • 2-2Layers |   | • 24 - DC24V                        |   | A-Amber    |
| • SRL          |   | • 3-3Layers |   | • 12/24 - DC12V-24V(SRL, SRLP only) |   | G-Green    |
| • SRLP         |   |             |   | • 110 - AC110V                      |   |            |
|                |   |             |   | • 220 - AC220V                      |   |            |



Please scan the QR code for more detailed product information.

[www.qlight.com](http://www.qlight.com)

# Product Specifications

• SR/ SRP

| Model number | Layer | Voltage | Bulb specifications |               |       | Certificate | Weight                            | Color                |
|--------------|-------|---------|---------------------|---------------|-------|-------------|-----------------------------------|----------------------|
|              |       |         | Volts/ Watts        | Configuration | Part# |             |                                   |                      |
| SR<br>SRP    | 1     | DC12V   | 12V5W               | T16x35<br>15S | 5     | CE          | 0.28kg                            | R - Red              |
|              |       | DC24V   | 24V5W               |               | 6     |             |                                   |                      |
|              |       | AC110V  | 12V5W               |               | 5     |             |                                   |                      |
|              |       | AC220V  | 12V5W               |               | 5     |             |                                   |                      |
|              | 2     | DC12V   | 12V5W               |               | 5     |             | 0.53kg                            | R - Red<br>G - Green |
|              |       | DC24V   | 24V5W               |               | 6     |             |                                   |                      |
|              |       | AC110V  | 12V5W               |               | 5     |             |                                   |                      |
|              |       | AC220V  | 12V5W               |               | 5     |             |                                   |                      |
|              | 3     | DC12V   | 12V5W               |               | 5     | 0.71kg      | R - Red<br>A - Amber<br>G - Green |                      |
|              |       | DC24V   | 24V5W               |               | 6     |             |                                   |                      |
|              |       | AC110V  | 12V5W               |               | 5     |             |                                   |                      |
|              |       | AC220V  | 12V5W               |               | 5     |             |                                   |                      |

- Protection rating : IP44
- Ambient operating temperature : -30°C to +50°C

■ Light source current(based on 1 layer)

• SR/ SRP

| Voltage                       | DC12V  | DC24V  | AC110V | AC220V |
|-------------------------------|--------|--------|--------|--------|
| Light source current(1 layer) | 0.488A | 0.350A | 0.100A | 0.050A |

• SRL/ SRLP

| Model number | Layer | Voltage   | Certificate | Weight | Color                             |
|--------------|-------|-----------|-------------|--------|-----------------------------------|
| SRL<br>SRLP  | 1     | DC12V-24V | -           | 0.23kg | R - Red                           |
|              |       | AC110V    |             | 0.45kg |                                   |
|              |       | AC220V    |             |        |                                   |
|              | 2     | DC12V-24V |             | 0.37kg | R - Red<br>G - Green              |
|              |       | AC110V    |             | 0.70kg |                                   |
|              |       | AC220V    |             |        |                                   |
|              | 3     | DC12V-24V |             | 0.53kg | R - Red<br>A - Amber<br>G - Green |
|              |       | AC110V    |             | 0.89kg |                                   |
|              |       | AC220V    |             |        |                                   |

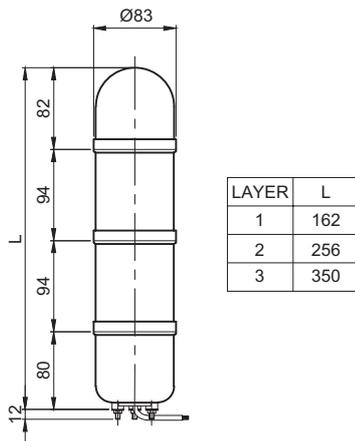
• SRL/ SRLP

| Voltage                       | DC12V~24V  | AC110V | AC220V |
|-------------------------------|------------|--------|--------|
| Light source current(1 layer) | Max.0.125A | 0.065A | 0.035A |

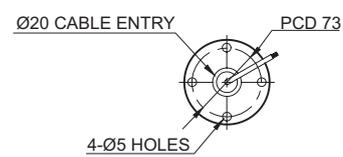
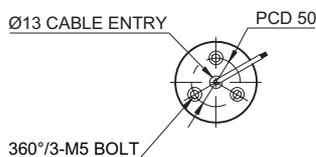
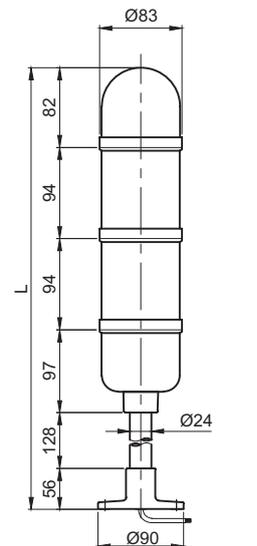
# Dimensions

(Units : mm)

SR/ SRL

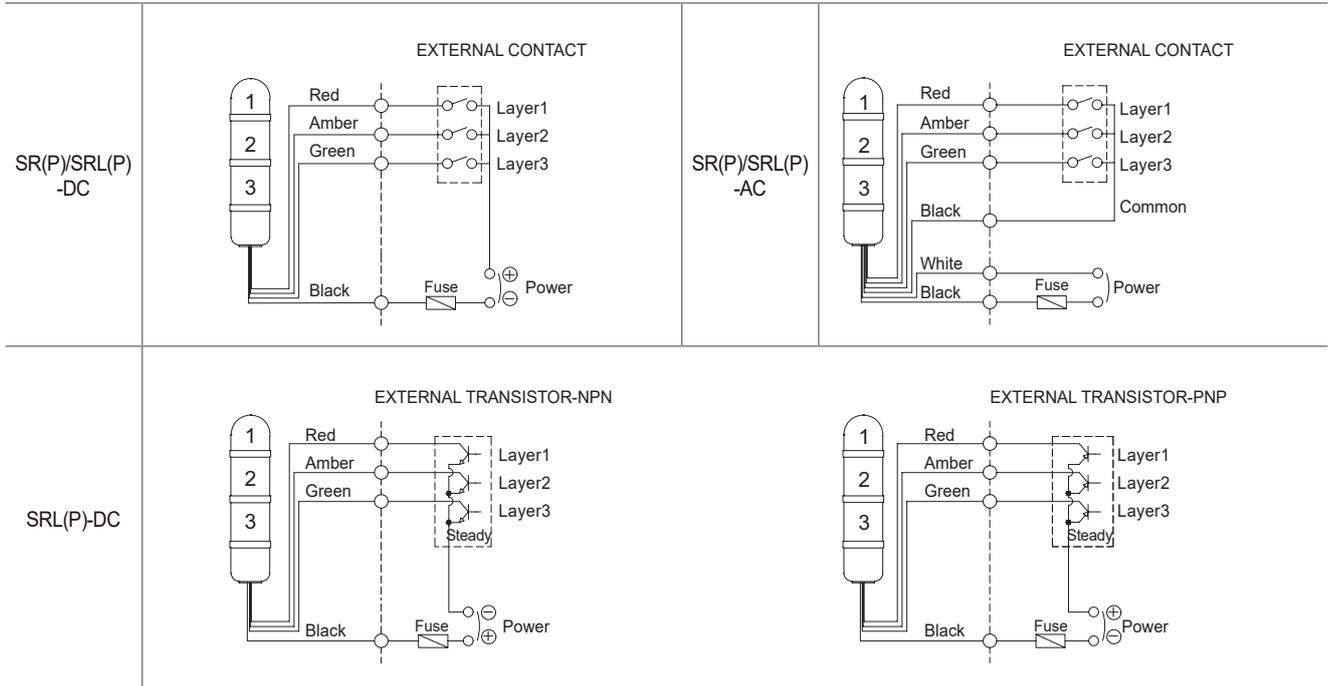


SRP/ SRLP



## Wiring Instructions

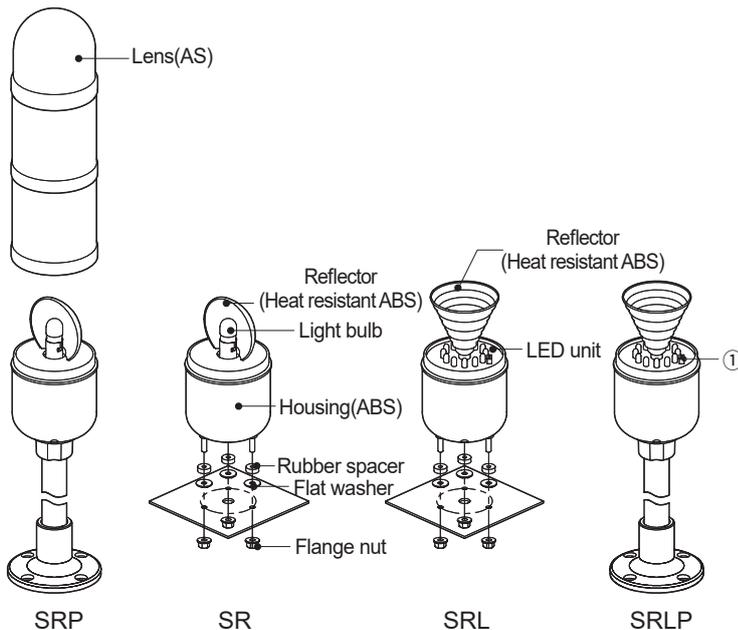
- SRL/SRLP model wiring can be done with either external contacts or external transistors.
- In case of wiring with transistors, please select the proper transistor type : either NPN or PNP based on the source voltage setting.
- The SR/SRP type warning lights use light bulbs which do not allow the use of transistors to register the connection. Please use external contacts.



- External power line - UL1015 AWG18(0.75sq) × 2C 400mm
- External signal line - UL1007 AWG22(0.3sq) 400mm

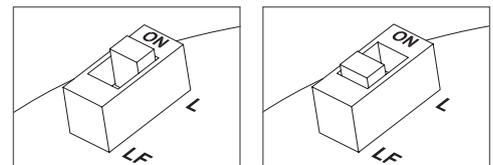
## Parts Definition/ Installation/ Light Function Selection

### ■ Parts Definition/ Installation



### ■ Light Function Selection(SRL/SRLP only)

- Please refer to the chart below to use light function selection switch(①) located inside the product.



▶L : Steady

▶LF : Flash

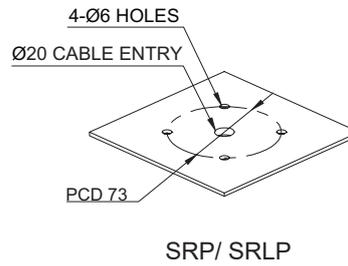
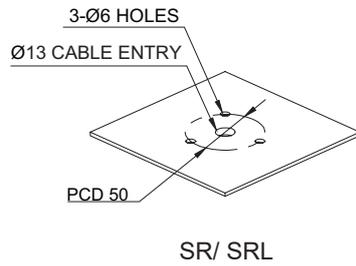
- Default function is set at steady LED. Select the desired function for your application during installation.

- 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.

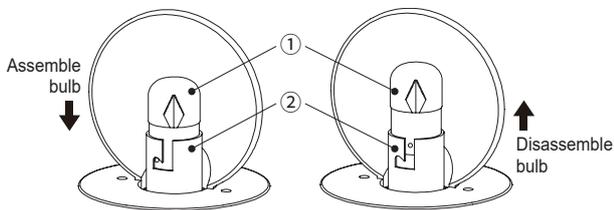
## Mounting Hole Specifications/Bulb Replacement Instructions

### ■ Mounting Hole Specifications

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



### ■ Bulb Replacement Instruction(SR/SRP 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.

## Installation Environment and Protection Rating

- This product is designed for use with protection rating of IP44.
- If the product is installed in locations that subject it to excessive dust or water other than the designated IP protection rating indicated(IP44), 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)).

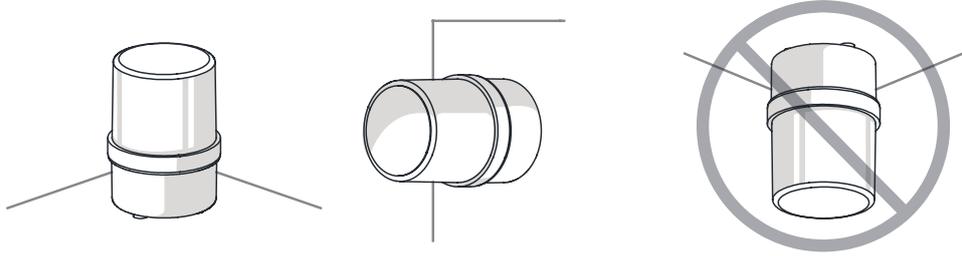
## Product installation direction

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

### · BEACON/SIGNALING LIGHT

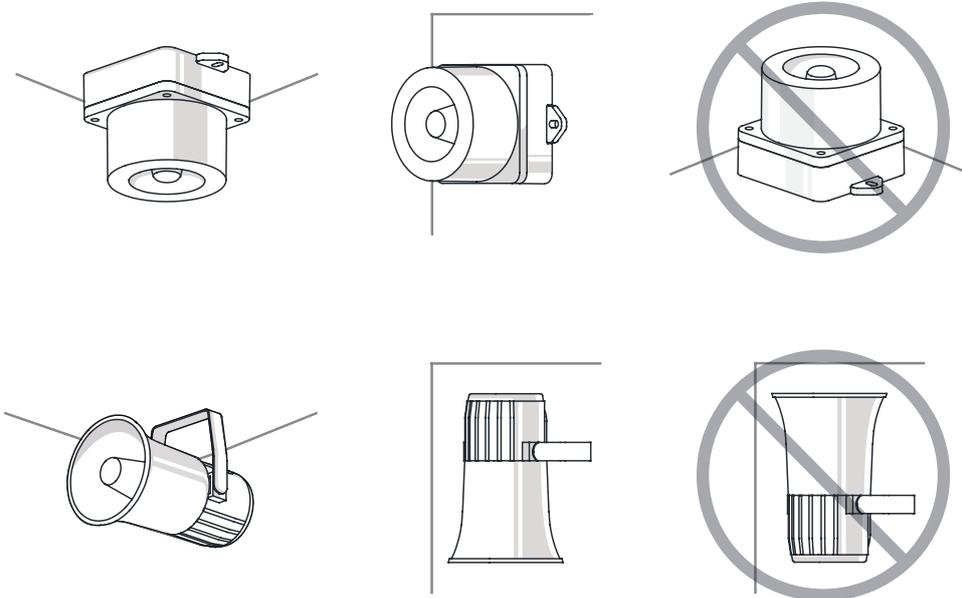
※ For products with a protection rating of less than IPX4, please install it vertically.

Power cord inlet part shall not be facing the sky.



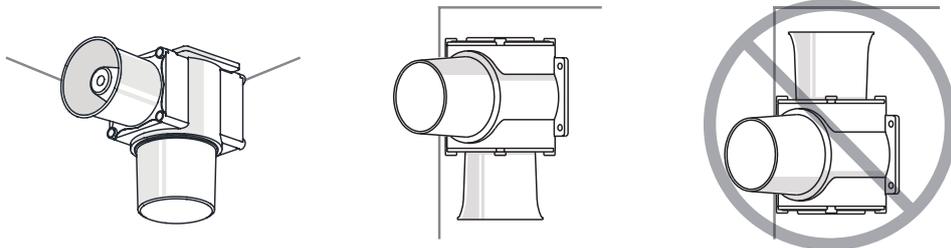
### · ELECTRONIC SOUNDER/SIGNAL HORN

Sounder part shall not be facing the sky.



### · HEAVY-DUTY & EXPLOSION PROOF SIGNALINGS

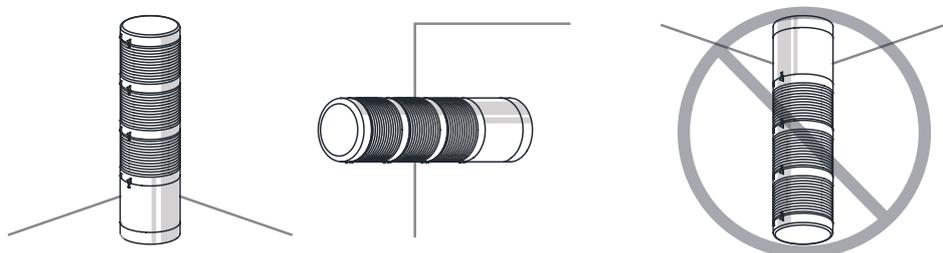
Sounder part shall not be facing the sky.



### · SIGNAL TOWER LIGHTS

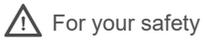
※ For products with a protection rating of less than IPX4, please install it vertically.

Power cord inlet part shall not be facing the sky.









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)  
Please read the instruction manual attached to the product carefully before installation and use.

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You can expect prompt service if you have exact information such as model name, symptom, telephone number and address.

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