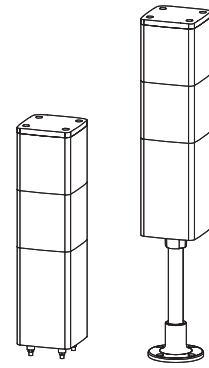


Cubic Stackable Warning/ Signal Lights

SJ/ SJP/ SJL/ SJLP



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

SJL	BZ	3	220	RAG
[Model number]	[Buzzer]	[Layer]	[Voltage]	[Color]
I	I	I	I	I
• SJ	• None - No buzzer type	• 1-1Layer	• 12 - DC12V	R-Red
• SJP	• BZ - Built-in buzzer type	• 2-2Layers	• 24 - DC24V	A-Amber
• SJL		• 3-3Layers	• 12/24 - DC12V-24V	G-Green
• SJLP			(SJL, SJLP only)	
			• 110 - AC110V	
			• 220 - AC220V	



Please scan the QR code for more detailed product information

www.qlight.com

Product Specifications

• SJ/ SJP

Model number	Layer	Voltage	Bulb specifications			Certificate	Weight	Color
			Volts/ Watts	Configuration	Part#			
SJ SJP	1	DC12V	12V5W	T16x35 15S	5	CE	0.65kg	R - Red
		DC24V	24V5W		6			
		AC110V	12V5W		5		0.83kg	
		AC220V	12V5W		5			
	2	DC12V	12V5W		5		0.89kg	R - Red G - Green
		DC24V	24V5W		6			
		AC110V	12V5W		5		1.15kg	
		AC220V	12V5W		5			
	3	DC12V	12V5W		5		1.18kg	R - Red A - Amber G - Green
		DC24V	24V5W		6			
		AC110V	12V5W		5		1.28kg	
		AC220V	12V5W		5			

※ CE compliant : DC12V, DC24V

• **Protection rating : IP44**

• **Ambient operating temperature : -30°C to +50°C**

■ Light source/buzzer current(based on 1 layer)

• SJ/ SJP

Voltage	DC12V	DC24V	AC110V	AC220V
Light source current(1 layer)	490mA	350mA	100mA	50mA
Buzzer current	15mA	35mA	60mA	30mA

• SJL/ SJLP

Model number	Layer	Voltage	Certificate	Weight	Color
SJL SJLP	1	DC12V-24V	-	0.63kg	R - Red
		AC110V		0.80kg	
		AC220V		0.80kg	
	2	DC12V-24V		0.76kg	R - Red G - Green
		AC110V		1.03kg	
		AC220V		1.03kg	
	3	DC12V-24V		1.01kg	R - Red A - Amber G - Green
		AC110V		1.24kg	
		AC220V		1.24kg	

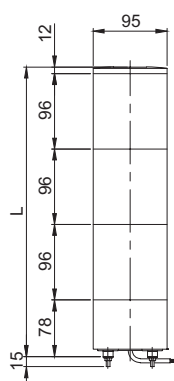
• SJL/ SJLP

Voltage	DC12V-24V	AC110V	AC220V
Light source current(1 layer)	Max.185mA	80mA	40mA
Buzzer current	Max.35mA	60mA	30mA

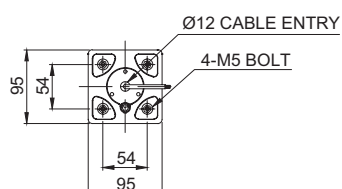
Dimensions

(Units : mm)

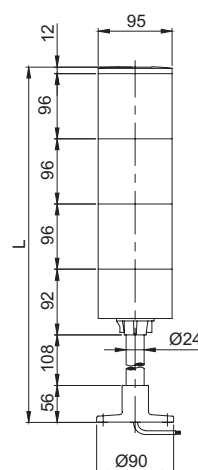
SJ/ SJL



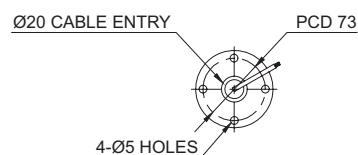
LAYER	L
1	186
2	282
3	378



SJP/ SJLP

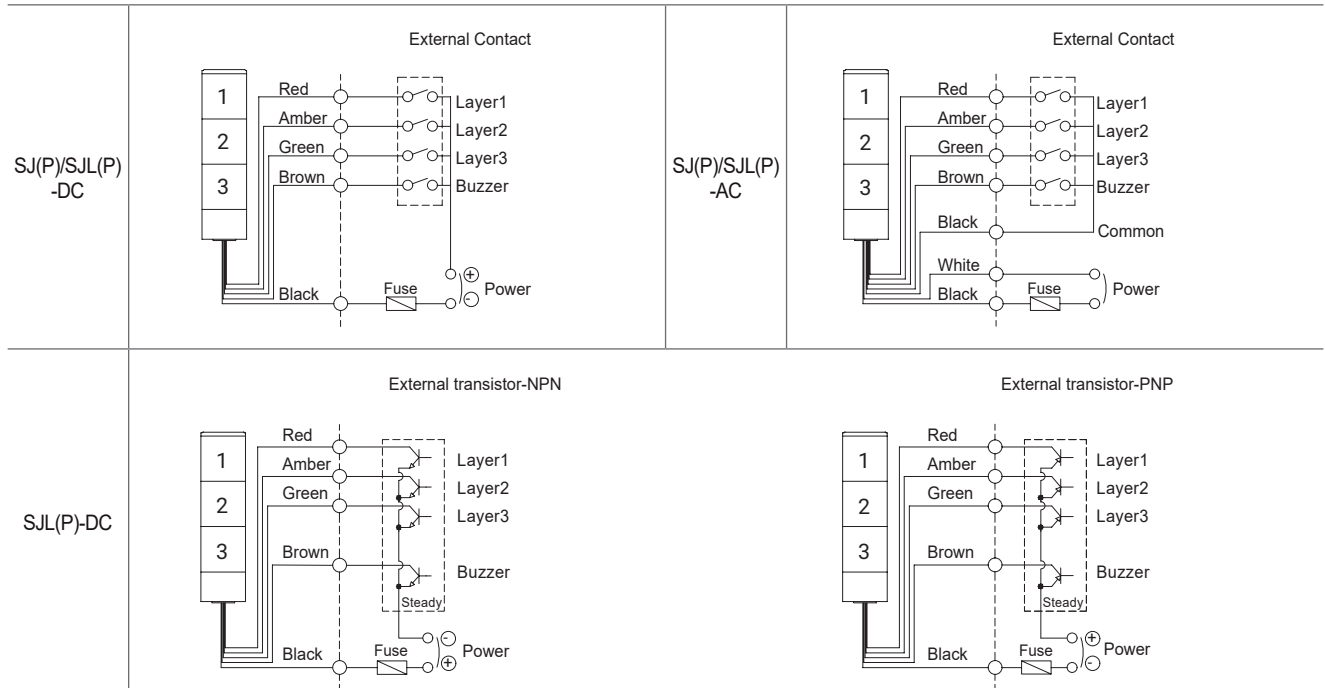


LAYER	L
1	364
2	460
3	556



Wiring Instructions

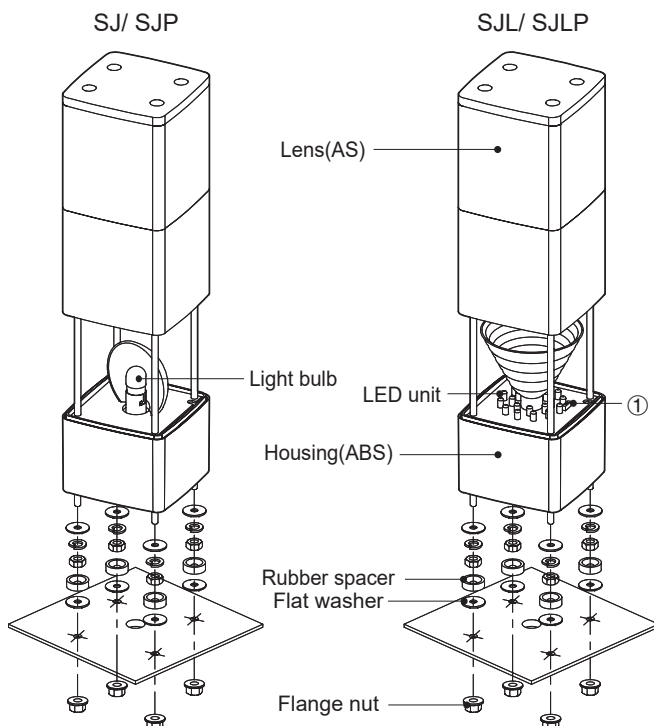
- SJL/ SJLP can be wired with either External Contact or transistor.
- When using a transistor, please choose between the NPN transistor or PNP transistor which best matches the voltage and product type, then connect them correctly according to the wiring diagram below.



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

Parts Definition/ Installation/ Light Function Selection

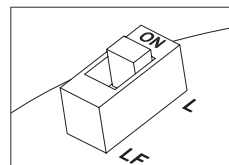
Parts Definition/ Installation



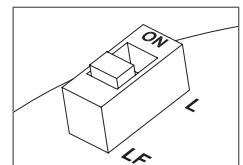
- First, remove the flange nuts from bolts and place the product through the mounting surface holes.
- Fasten the flange nuts on the opposite side of the mounting surface until the product is tightened securely.

Light Function Selection

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



► L : Steady



► LF : Flashing

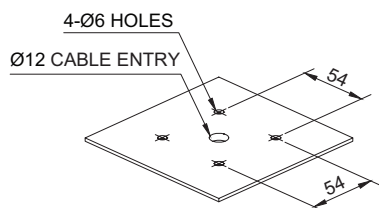
- Default function is set at steady LED. Select the desired function for your application during installation.

※ SJP/SJLP three(3) layers models supplied with not pre-assembled pole type in order to minimize package volume.

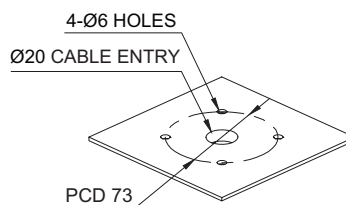
Mounting Hole Specifications/ Bulb Replacement Instructions

■ Mounting Hole Specifications

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

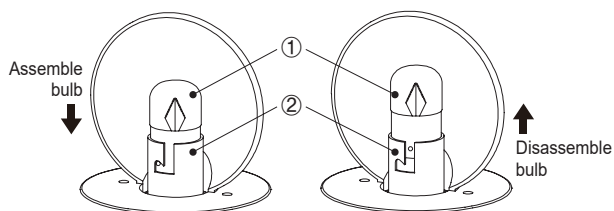


SJ/ SJL



SJP/ SJLP

■ Bulb Replacement Instructions(SJ/SJP 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).

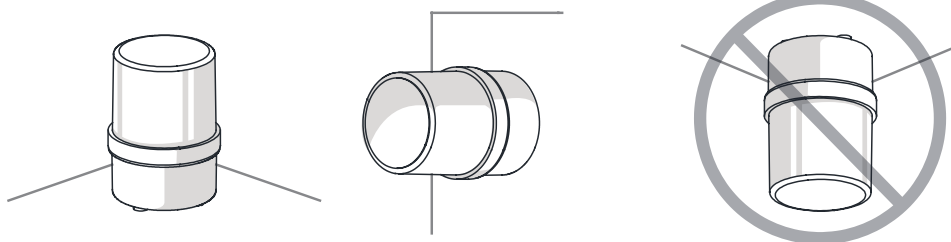
Product installation direction

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

· BEACON/SIGNALING LIGHT

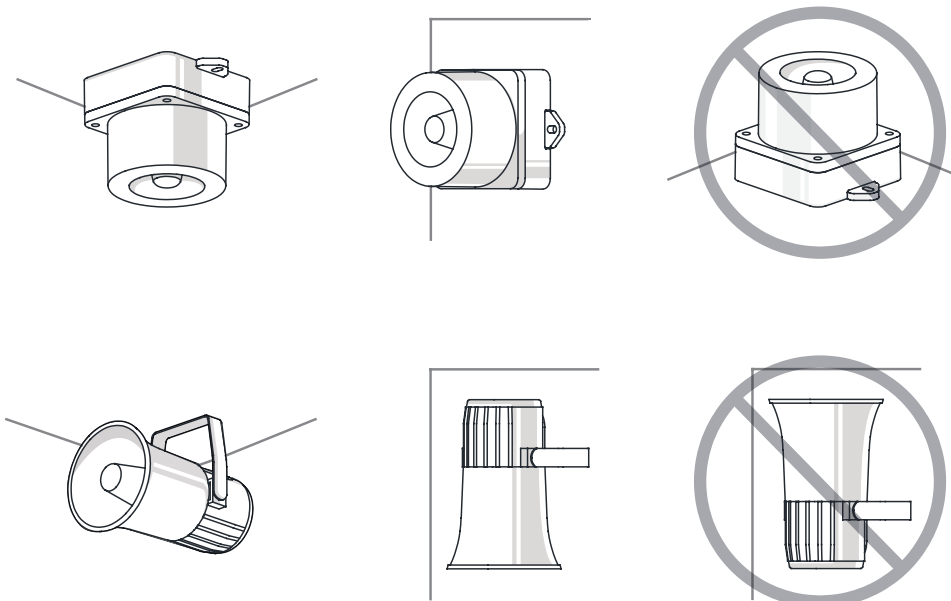
※ For products with a protection rating of less than IPX4, please install it vertically.

Power cord inlet part shall not be facing the sky.



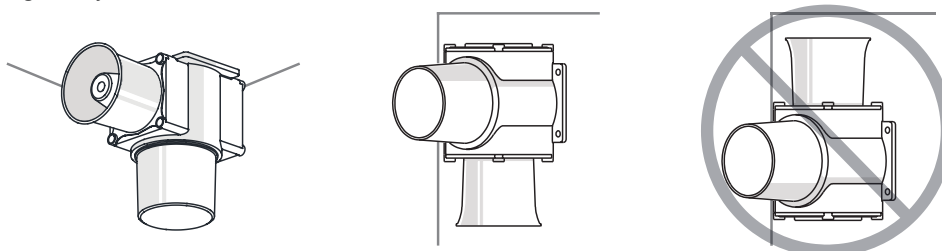
· ELECTRONIC SOUNDER/SIGNAL HORN

Sounder part shall not be facing the sky.



· HEAVY-DUTY & EXPLOSION PROOF SIGNALINGS

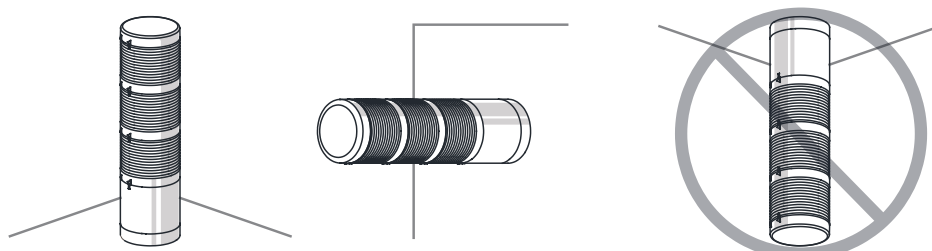
Sounder part shall not be facing the sky.

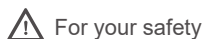


· SIGNAL TOWER LIGHTS

※ 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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