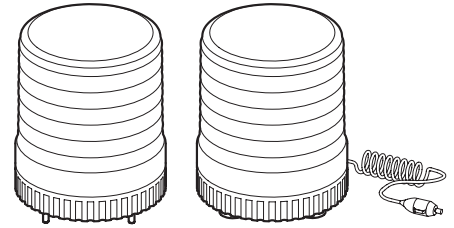


Xenon Strobe Light

S80S/ S80SM

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

S80S	220	R
[Model number]	[Voltage]	[Color]
• S80S	• 12-DC12V	R-Red
• S80SM	• 24-DC24V	A-Amber
	• 110-AC110V	G-Green
	• 220-AC220V	B-Blue

Product Specifications

Model number	Voltage	Current	Bulb specifications			Certificate	Weight	Color	
			Volts/ Watts	Configuration	Part#				
S80S	DC12V	Max. 0.433A	220V ~350V	BGA2120 -BBC I type	47		0.21kg	R-Red A-Amber G-Green B-Blue	
	DC24V	Max. 0.216A							
	AC110V	Max. 0.076A				-	0.24kg		
	AC220V	Max. 0.061A							
S80SM	DC12V	Max. 0.433A				-	0.24kg		
	DC24V	Max. 0.216A							

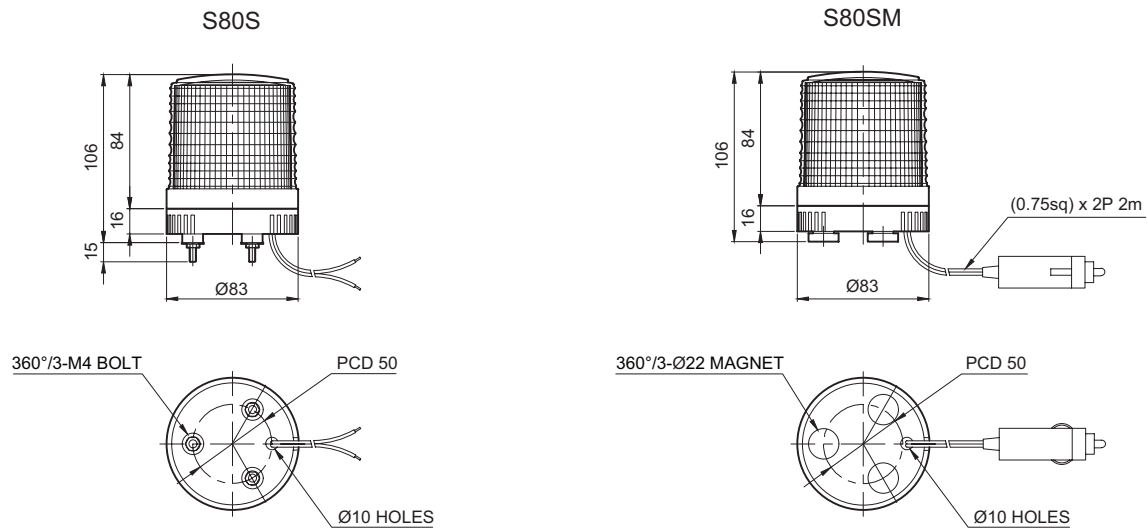
• Protection rating : IP54

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

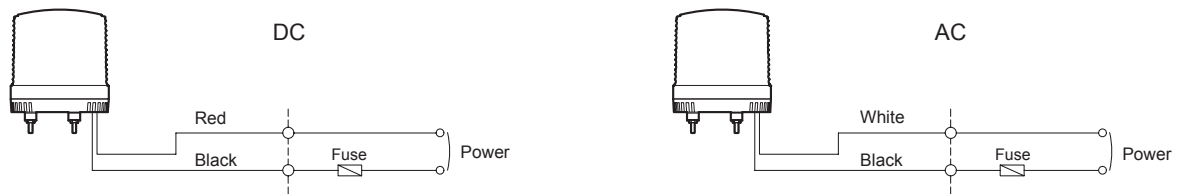


Please scan the QR code for more detailed product information.

www.qlight.com



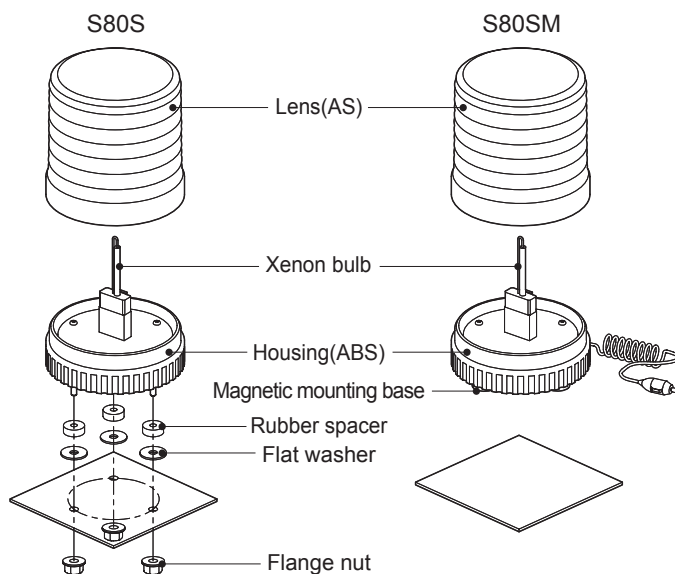
Wiring Instructions



- DC/AC type cable specification : External power line - UL1015 AWG18(0.75sq) x 2C 400mm(S80S)
External power line - IEC42(0.75sq) x 2P 2000mm(S80SM)
- For S80SM models, please connect the cigarette lighter plug of the product to a cigarette lighter socket of a vehicle.
- DC type product can be wired regardless of polarity.

Parts Definition/ Installation

■ Parts Definition



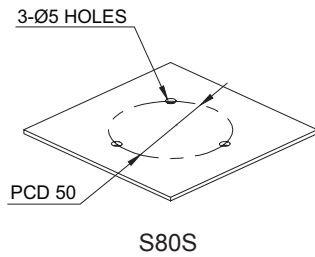
■ Installation

- First, machine holes on the mounting surface.
- Remove the M4 nuts from bolts and place the product through the mounting surface holes.
- Fasten the M4 nuts on the opposite side of the mounting surface until the product is tightened securely.
- S80SM models have strong magnets at the base of the product that allows attachment to any metal surface.

Mounting Hole Specifications/ Xenon Bulb Replacement Instructions

■ Mounting Hole Specifications

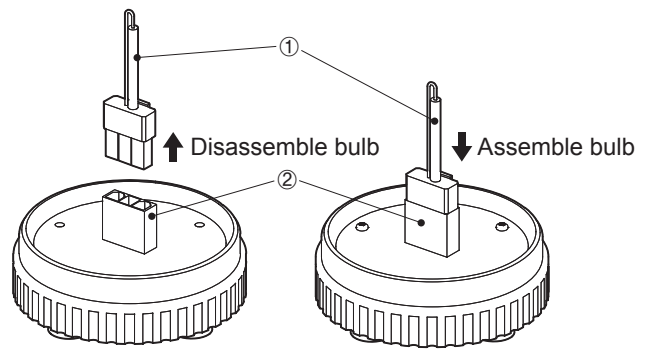
- Machine holes on the mounting surface referring to the diagram below.



■ AC Type (Customization)

- AC type for S80SM is available upon request.

■ Xenon Bulb Replacement Instructions



- Please wait at least 1 minute 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 location ②.

Mounting Accessories (Sold Separately)

- Please refer to the dimensions below for installation of mounting brackets.

	Dimensions	
S80S	<p>The diagram shows the TWS80 mounting bracket with dimensions: 66 (width), 36 (depth), 50 (height), 25 (base height), 84 (base width), 50 (base depth), 12 (hole offset), 360°/ 3-Ø5 HOLES, 4-Ø5 HOLES, and Ø12 CABLE ENTRY.</p> <p>TWS80</p>	<p>The diagram shows the TWA80 mounting bracket with dimensions: 86 (width), 44 (depth), 50 (height), 20 (base height), 12 (base depth), 84 (base width), 50 (base depth), 13 (hole offset), 360°/ 3-Ø5 HOLES, and 4-Ø5 HOLES.</p> <p>TWA80</p>

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 (<http://www.qlight.com>).

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Product Operation Inquiry / Customer Support +82-55-328-4082

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

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