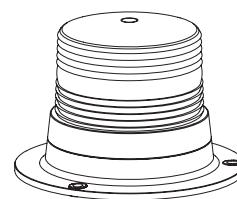


# LED Warning Lights for Heavy Equipment

## QA85LSE



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>QA85LSE</b>	-	<b>12/24</b>	-	<b>R</b>
[Model number]		[Voltage]		[Color]
• QA85LSE		• 12/24 - DC12V-24V		R-Red A-Amber G-Green B-Blue

### Product Specifications

Model number	Voltage	Operation mode	Current	Flashing rate	Certificate	Weight	Color
QA85LSE	DC12V-24V	steady	Max.0.150A	-	-	0.16kg	R-Red A-Amber G-Green B-Blue
		flashing	Max.0.330A	60-80/min			
		Strobe 1	Max.0.180A	60-80/min			
		Strobe 2	Max.0.180A	40-60/min			

- Protection rating : IP65
- Ambient operating temperature : -30°C to +50°C
- Operation mode can be selected upon order



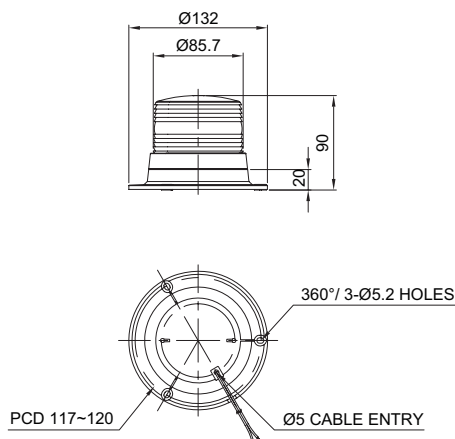
Please scan the QR code for more detailed product information.

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

## Dimensions

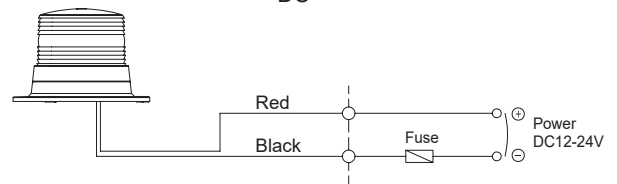
(Units : mm)

QA85LSE



## Wiring Instructions

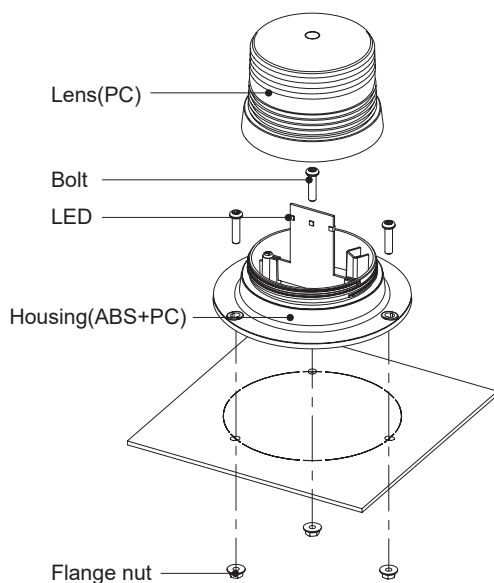
DC



- External power line - UL2464 20AWG × 2C 400mm
- DC type : Black output line is negative(-)

## Parts Definition/ Installation/ Mounting Hole Specifications

### ■ Parts Definition

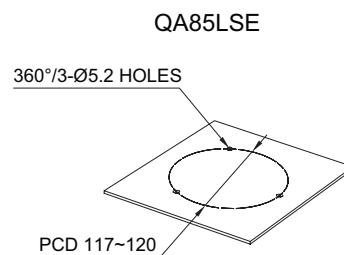


### ■ Installation

- First, machine taps or holes on the mounting surface.
- The mounting hole of this product is 5.2mm in diameter.
- When machining holes, insert the bolt through the hole of the product, and tighten the nut from the opposite side of the mounting surface.

### ■ Mounting Hole Specifications

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



## Installation Environment and Protection Rating

- This product is designed for use with protection rating of IP65.
- If the product is installed in locations that subject it to excessive dust or water other than the designated IP protection rating indicated(IP65), it may cause malfunction or damage to the product.
- In case of outdoor applications, installation in the upright position is suggested to minimize the effect of rain on the product.
- For further information, please visit our website ([www.qlight.com](http://www.qlight.com)).

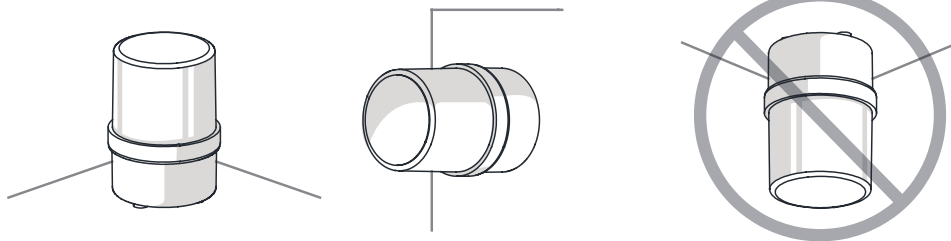
## Product installation direction

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

### · BEACON/SIGNALING LIGHT

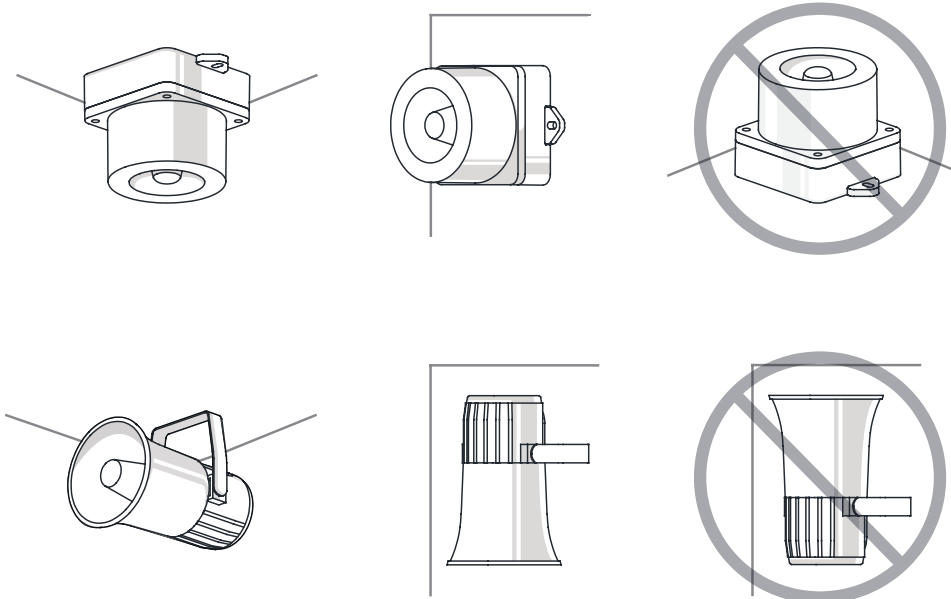
※ For products with a protection rating of less than IPX4, please install it vertically.

Power cord inlet part shall not be facing the sky.



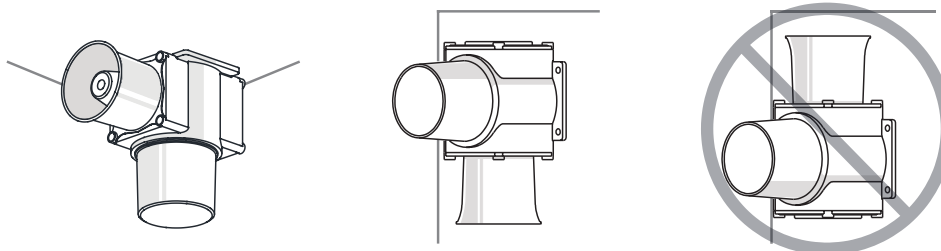
### · ELECTRONIC SOUNDER/SIGNAL HORN

Sounder part shall not be facing the sky.



### · HEAVY-DUTY & EXPLOSION PROOF SIGNALINGS

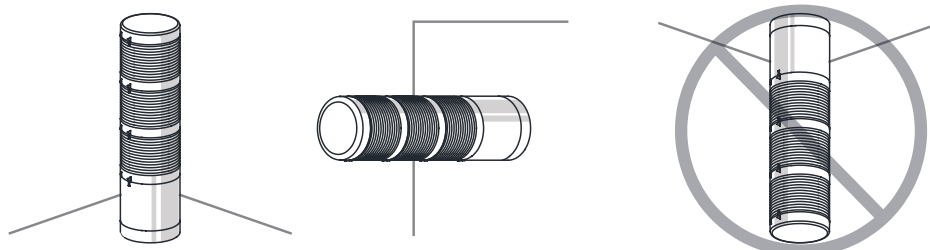
Sounder part shall not be facing the sky.



### · 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.

※ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

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