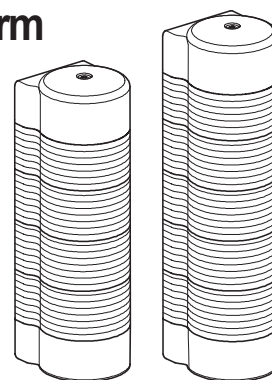


Wall Mount LED Signal Tower with Built-in Audible Alarm

QWT



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 Specification



QWTL	3	110/220	RAG
[Model number]	[Layer]	[Voltage]	[Color]
• QWTL	1-1Layer	• 12-DC12V	R-Red
• QWTL-BZ	2-2Layers	• 24-DC24V	A-Amber
• QWTLF	3-3Layers	• 110/220-AC110V~220V	G-Green
• QWTLF-BZ	4-4Layers		B-Blue
	5-5Layers		W-White



Please scan the QR code for more detailed product information.

www.qlight.com

Product Specifications

Model number	Layer	Voltage	Certificates	Weight	Color	Light source/buzzer current(based on 1 layer)				
QWTL Steady type QWTL - BZ Steady type with built-in buzzer QWTLF Steady/Flashing type QWTLF - BZ Steady/ Flashing type with built-in buzzer	1	DC12V	 	0.34kg	R-Red	Voltage condition		DC12V	DC24V	AC110-220V
		DC24V		0.34kg		Light source current (1 layer)		75mA	50mA	Max.30mA
		AC110V-220V		0.36kg		Buzzer current		50mA	115mA	Max.15mA
	2	DC12V		0.41kg	R-Red G-Green	<div>• Protection rating : IP54 • Ambient operating temperature : -30°C to +50°C</div>				
		DC24V		0.41kg						
		AC110V-220V		0.43kg						
	3	DC12V		0.48kg	R-Red A-Amber G-Green					
		DC24V		0.48kg						
		AC110V-220V		0.50kg						
	4	DC12V		0.55kg	R-Red A-Amber G-Green B-Blue					
		DC24V		0.55kg						
		AC110V-220V		0.57kg						
	5	DC12V		0.62kg	R-Red A-Amber G-Green B-Blue W-White					
		DC24V		0.62kg						
		AC110V-220V		0.64kg						

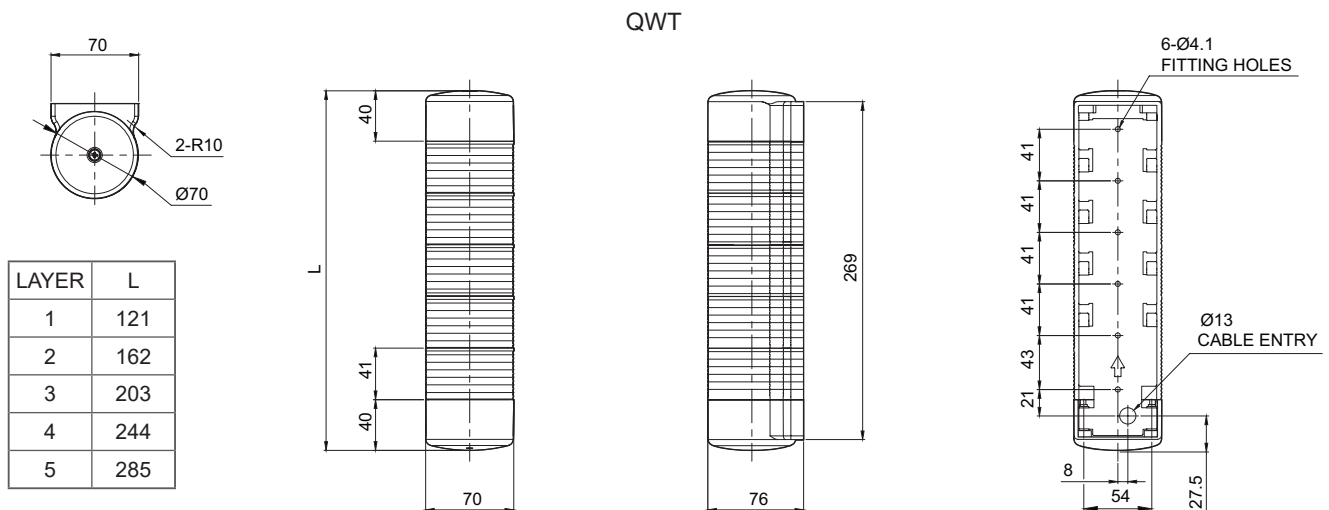
※ AC type model has a free-voltage range of AC100V-240V.

※ CE compliant : DC24V

※ UL listed : DC24V

Dimensions

(Unit : mm)



Installation Environment and Protection Rating

- This product is designed for indoor use with an enclosure ingress protection rating of IP54.
- If the product is installed in locations with excessive dust or water other than the designated IP protection rating indicated(IP54), it may cause malfunction or damage to the product.
- For further information, please visit our website(www.qlight.com).

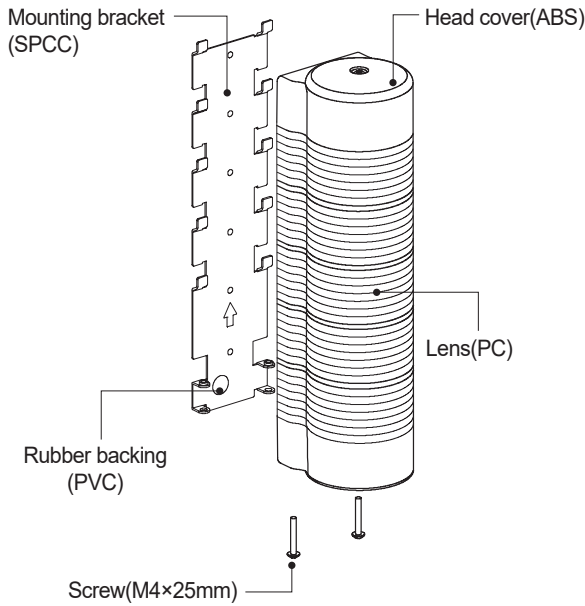
Wiring Instructions

- QWT series can be wired with either an external contact or a transistor.
- When using a transistor, please choose the NPN transistor or PNP transistor which best matches the voltage and product type, then connect them correctly according to the wiring diagram below.

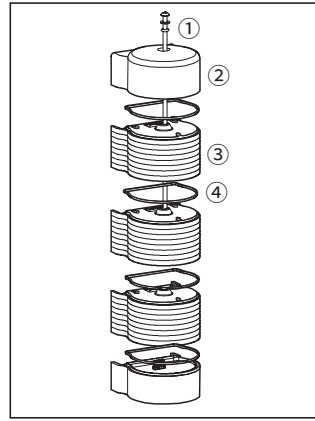
	External Contact	Transistor
DC Steady	<p>QWTL-DC</p>	<p>QWTL-DC</p>
DC Steady/ Flashing	<p>QWTLF-DC</p>	<p>QWTLF-DC</p>
AC Steady	<p>QWTL-AC</p>	<p>QWTL-AC</p>
AC Steady/ Flashing	<p>QWTLF-AC</p>	<p>QWTLF-AC</p>

- DC Steady type : External power line/ External signal line - UL1007 AWG22 (0.3sq) 400mm
- AC Steady type, AC/ DC Steady/ Flashing type : External power line - UL1015 AWG18 (0.75sq) x 2C 400mm
External signal line - UL1007 AWG22 (0.3sq) 400mm
- This product can be wired regardless of polarity.

Parts Definition



Replacing/ Rearranging LED Lens Units

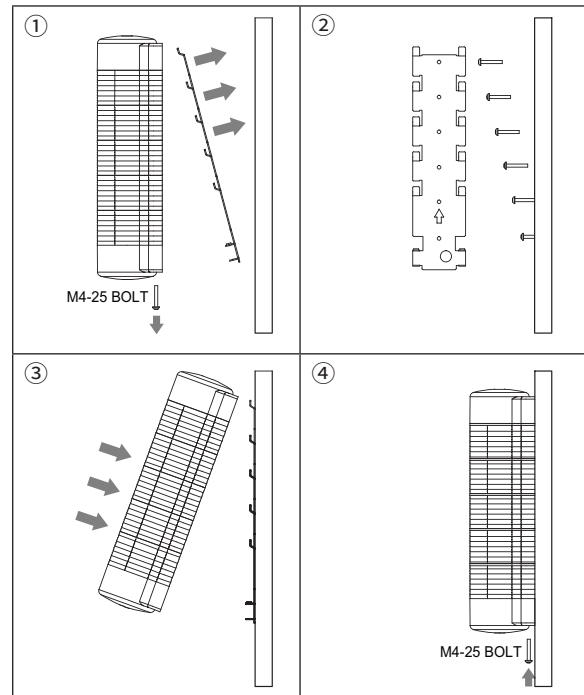
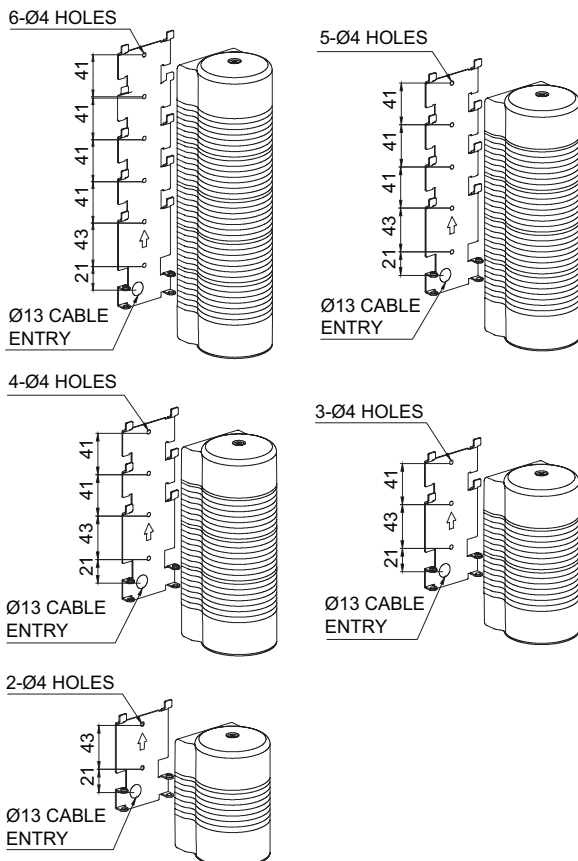


Please ensure the power is off before replacing or rearranging the LED units. Please carefully follow the following instructions.

1. Remove the head cover② by loosening the fixing screw①.
2. Remove the LED unit by pulling it③ upward.
3. Replace or rearrange the LED units.
4. Assemble in the reverse order of removing the LED units, Be careful not to let the rubber ring④ fitted on the top of each unit come off.

Installation

- The mounting bracket needs to be installed on the mounting surface before fixing the product body onto the mounting bracket.
- Drill the proper number of mounting holes in accordance with the number of LED lens units, refer to the installation diagrams below.



- ① Remove the mounting bracket from the product by removing two M4 screws from the speaker unit.
- ② Mount the mounting bracket to the mounting surface.
- ③ Hook the rear of the head cover to the upper bracket, then push the body against the mounting bracket.
- ④ After tightly attaching the product body to the mounting bracket, tighten the two M4 screws removed in step ① at the bottom of the speaker unit.

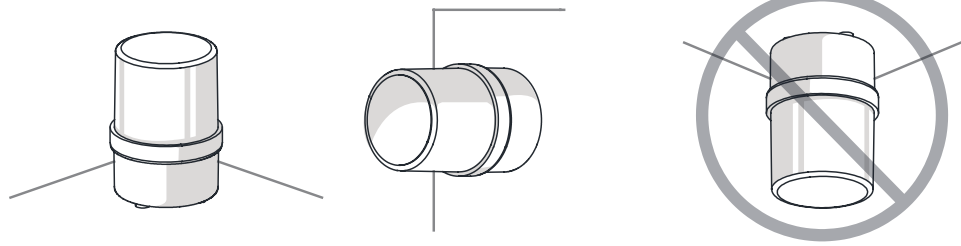
Product installation direction

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

· BEACON/SIGNALING LIGHT

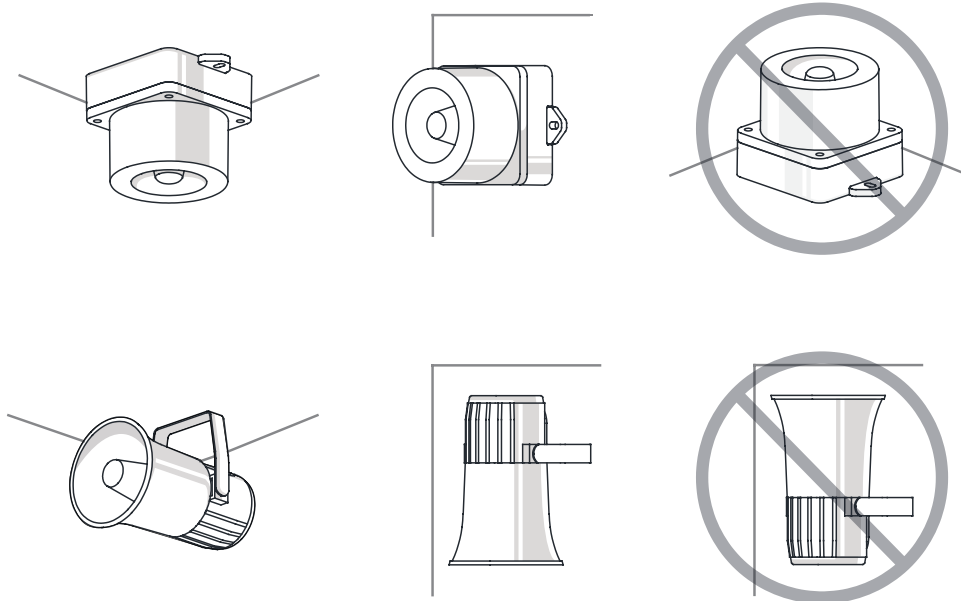
※ For products with a protection rating of less than IPX4, please install it vertically.

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

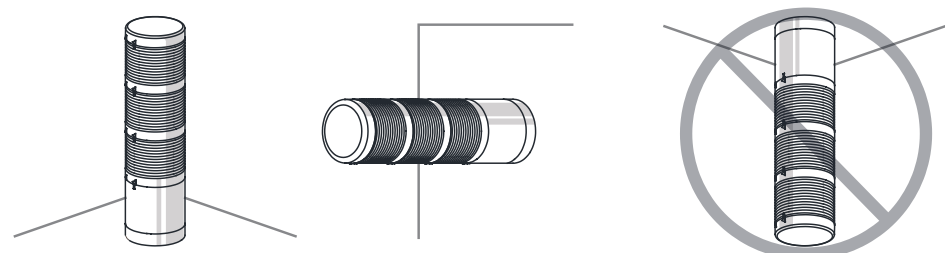
Sounder part shall not be facing the sky.



· 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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Qlightec

Innovation in Alarm & Signal

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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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