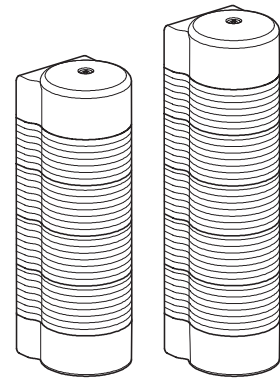


Wall Mount LED Signal Tower with Built-in Audible Alarm

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.



Warning and Caution

⚠ 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, and 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]
<ul style="list-style-type: none"> • QWTL • QWTL - BZ • QWTLF • QWTLF - BZ 		<ul style="list-style-type: none"> • 1-1Layer • 2-2Layers • 3-3Layers • 4-4Layers • 5-5Layers 		<ul style="list-style-type: none"> • 12 - DC12V • 24 - DC24V • 110/220 - AC110V-220V 		<ul style="list-style-type: none"> R-Red A-Amber G-Green B-Blue W-White



Please scan the QR code for more detailed product information.

www.qlight.com

Specification

Model Number	Layer	Voltage	Current	Certificate	Weight	Color
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	AC/DC12V	0.065A	CE DC only UL DC24V only	0.34kg	R-Red
		AC/DC24V	0.050A		0.34kg	
		AC110V-220V	Max. 0.025A		0.36kg	
	2	AC/DC12V	0.130A		0.41kg	R-Red G-Green
		AC/DC24V	0.100A		0.41kg	
		AC110V-220V	Max. 0.050A		0.43kg	
	3	AC/DC12V	0.195A		0.48kg	R-Red A-Amber G-Green
		AC/DC24V	0.150A		0.48kg	
		AC110V-220V	Max. 0.075A		0.50kg	
	4	AC/DC12V	0.260A		0.55kg	R-Red A-Amber G-Green B-Blue
		AC/DC24V	0.200A		0.55kg	
		AC110V-220V	Max. 0.100A		0.57kg	
	5	AC/DC12V	0.325A		0.62kg	R-Red A-Amber G-Green B-Blue W-White
		AC/DC24V	0.250A		0.62kg	
		AC110V-220V	Max. 0.125A		0.64kg	

Current Specifications			
Voltage Condition	AC/DC12V	AC/DC24V	AC110-220V
Light (per Layer)	0.065A	0.050A	Max 0.025A
Buzzer	0.034A	0.078A	Max 0.016A

• Protection rating : IP54

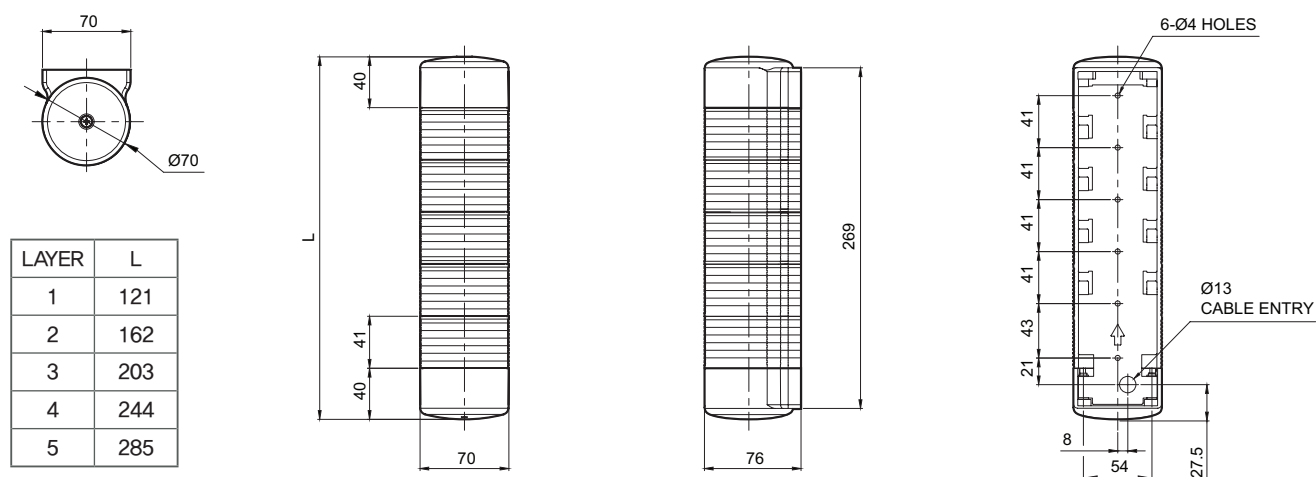
• Ambient operating temperature : -30°C to +50°C

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

Dimensions

(Unit : mm)

QWT

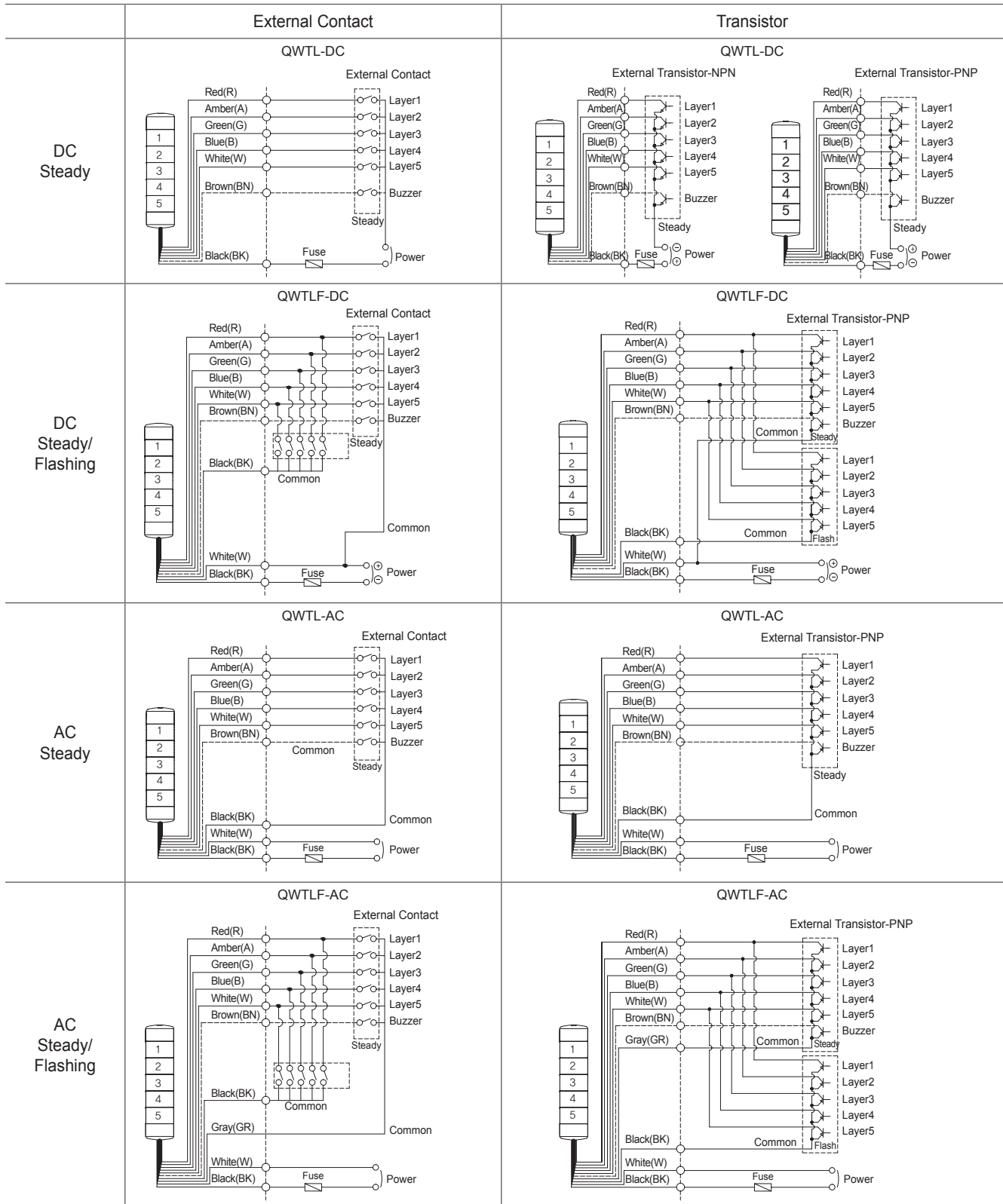


Installation Environment and Protection Rating

- 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 at <http://www.qlight.com>.

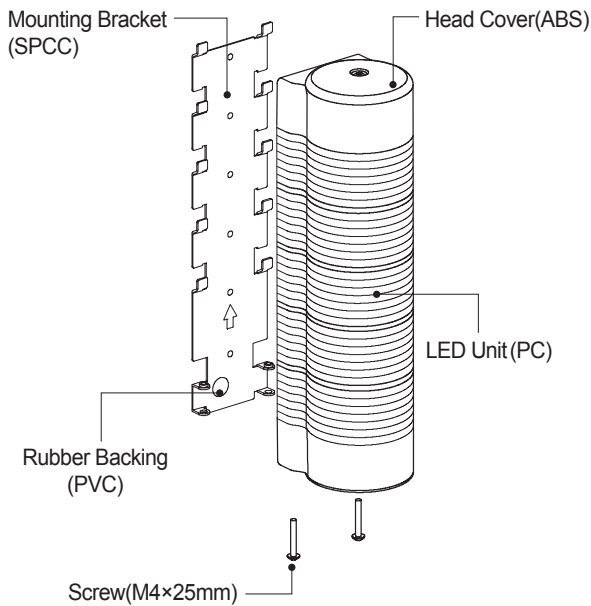
Wiring Instructions

- 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.
- For QWTDLF model, user can choose light function between steady and flashing mode through wiring configuration.

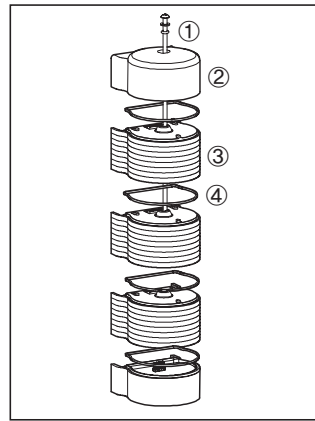


- DC Steady type : Power/ Signal line specification : UL1007 AWG22 (0.3sq) 400mm
- AC Steady type, AC/ DC Steady/ Flashing type : Power line specification : UL1015 AWG18 (0.75sq)X2C 400mm
Signal line specification : UL1007 AWG22 (0.3sq) 400mm

Parts Definition



Replacing/ Rearranging LED Lens Units

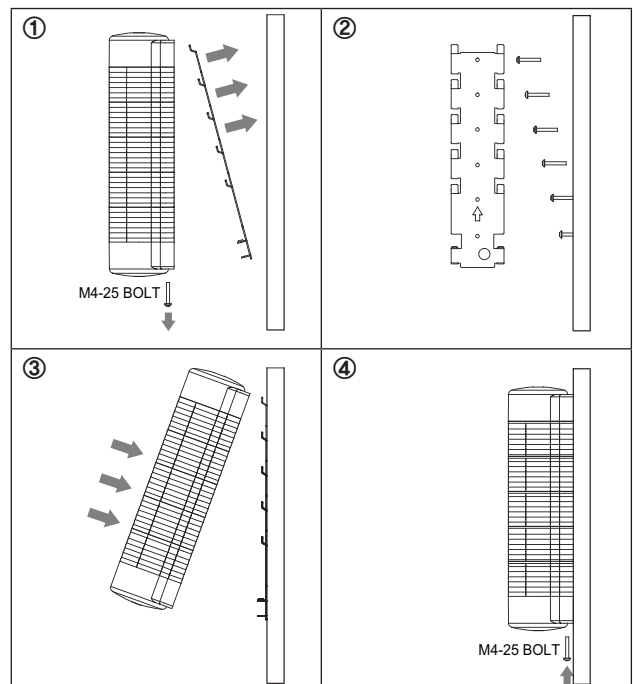
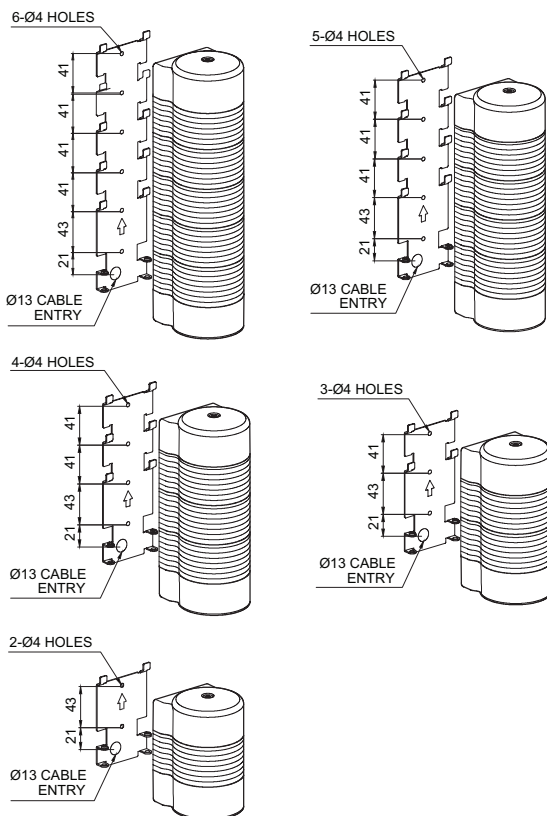


Please ensure the power is off before replacing or rearranging the LED units. Please carefully follow the following instructions.

1. Remove the head cover (2) by loosening the fixing screw (1).
2. Remove the LED unit by pulling it (3) 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 ring(4) 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.

Qlight

Innovation in Alarm & Signal

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.

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

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