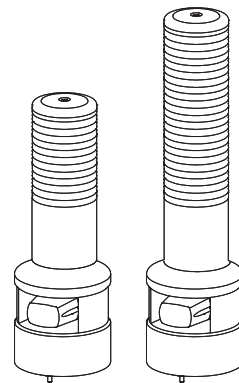


# USB LED Tower Light with Built-in Sounder

## STDEL-USB



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

STDEL-USB-WS	3	24	RAG
[Model number]	[Layer]	[Voltage]	[Color]
• STDEL-USB-WS • STDEL-USB-WM • STDEL-USB-WA	• Layer1-1 • Layer2-2 • Layer3-3 • Layer4-4 • Layer5-5	• 12-DC12V • 24-DC24V • 110-AC110V • 220-AC220V	R-Red A-Amber G-Green B-Blue W-White

### Product Specifications

Model number	Layer	Certificate	Color
STDEL-USB-WS STDEL-USB-WM STDEL-USB-WA	5 Warning sounds 5 Melodies 5 Alarms	Layer1 Layer2 Layer3 Layer4 Layer5	-
			Layer1 :R-Red Layer2: R-Red G-Green Layer3: R-Red A-Amber G-Green Layer4 : R-Red A-Amber G-Green B-Blue Layer5: R-Red A-Amber G-Green B-Blue W-White

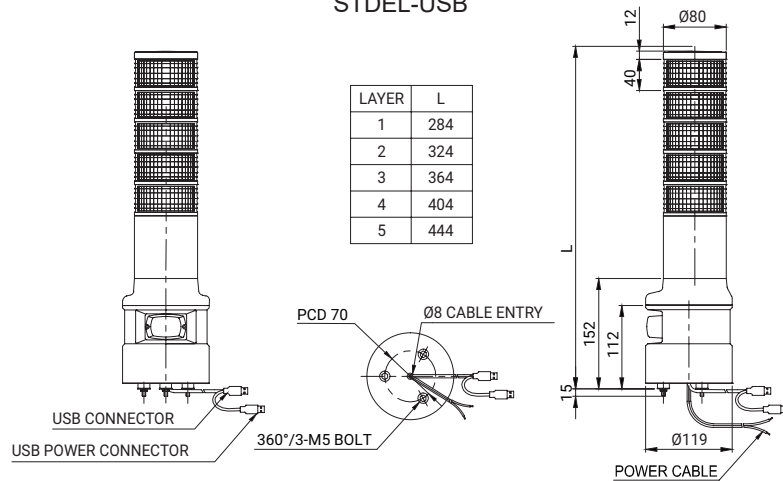
- **Protection rating : IP54**
- **Ambient operating temperature : -30°C to + 50°C**
- LED Module Standard Operation: 2 layers will operate at the same time



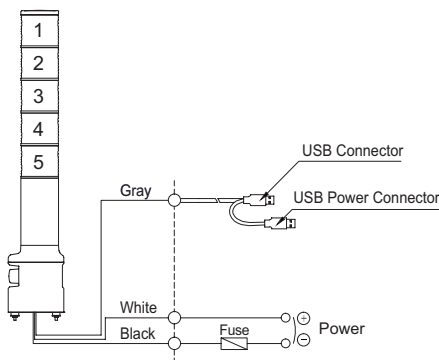
Please scan the QR code for more detailed product information.

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

## STDEL-USB



## USB Cable Wiring Instructions



- External power line - UL1015 AWG18(0.75sq)×2C 400mm
- USB Cable : Connect both USB connector and USB power connector to PC
- Connect both USB power connector and USB signal control connector that are connected to each other to USB ports of a PC.
- Product does not run in case of USB power connector connection only.

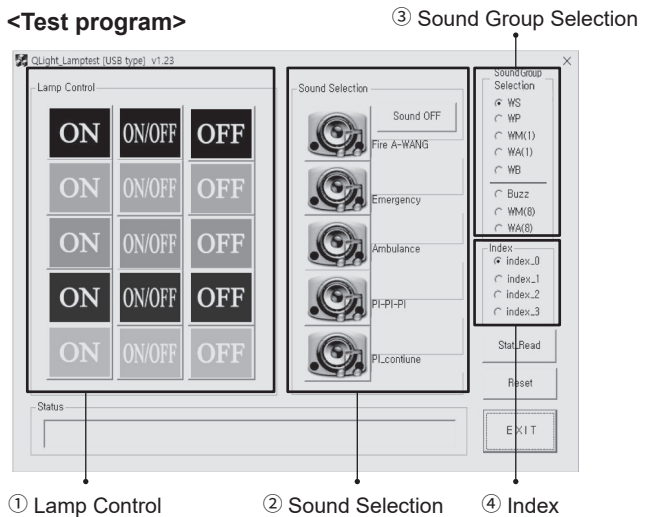


## Test Instructions

### <For Connecting Method with pc>



### <Test program>



1. Please connect USB Tower Lamp and PC as above figure <How to connect with PC>
2. Please download test program(USB.zip) from Qlight website or blog.qlight.com
3. The downloaded sample program will be saved as "USB Test Program.zip".  
When you unzip the file, there will be a file with the names below.

 QLight\_Lamptest\_USB.exe

Test program

 QUvc\_dll.dll

Required library for test program

- ※ When developing the program, please download and refer to the file "manual and library"(sample programs and manuals for developers).

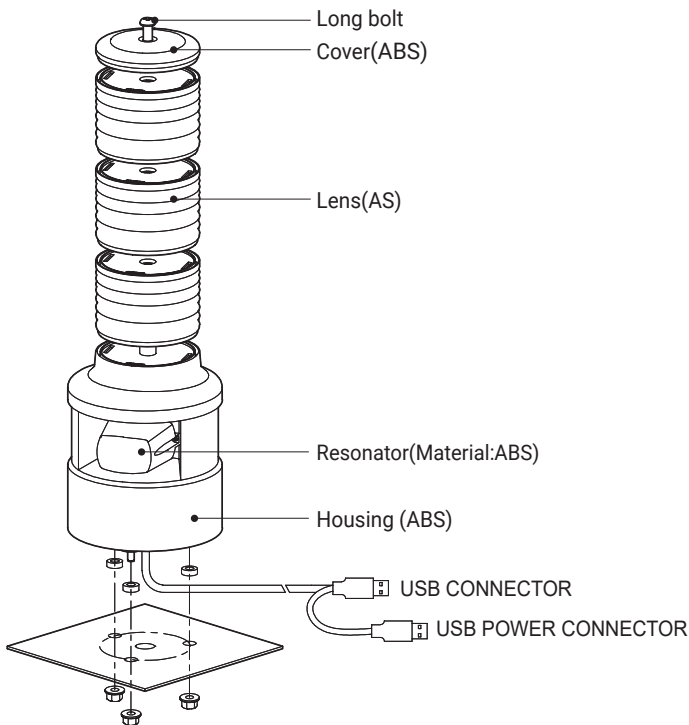
4. When you run the "QLight lamptest\_usb.exe"file, a test programs will show up as above.

Products sound options are classified as WS / WA / WM / BZ. The product will only play the sound option selected when the order was placed.

## ■ How to use program

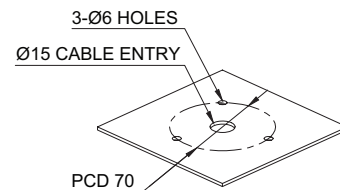
Article	Detailed specification
① Lamp control	<ul style="list-style-type: none"> <li>- ON: Lamp turns on when the button is clicked</li> <li>- ON/OFF: Lamp flashes when the button is clicked</li> <li>- OFF: Lamp turns off when the button is clicked</li> </ul>
② Sound selection	<ul style="list-style-type: none"> <li>- 1ch-5ch: Has 5 sounds per model, turns on the chosen sound</li> <li>- Click "Sound off" button to turn off the sound</li> </ul>
③ Sound group selection	<ul style="list-style-type: none"> <li>- WS : 5 warning sounds(mono)</li> <li>- WP : 5 special warning sounds(mono)</li> <li>- WM(1) : 5 Melodies(mono)</li> <li>- WA(1) : 5 alarms(mono)</li> <li>- WB : Software Buzzer 5 sounds(speaker type)</li> <li>- Buzzer : 5 Buzzer sounds</li> </ul>
④ Index	<ul style="list-style-type: none"> <li>- You can connect up to a maximum of 4 USB Tower lights per PC</li> <li>- Must be controlled by selecting Index0 - Index3 for controlling the USB tower light. The default is set to Index0</li> </ul>

## Parts Definition



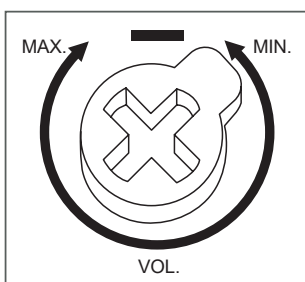
## Mounting Hole Specifications

- ① Machine holes on the mounting surface referring to the diagram below.



- ② Remove the flange nuts from bolts and place the product through the mounting surface holes.  
 ③ Fasten the flange nuts on the opposite side of the mounting surface until the product is tightened securely.

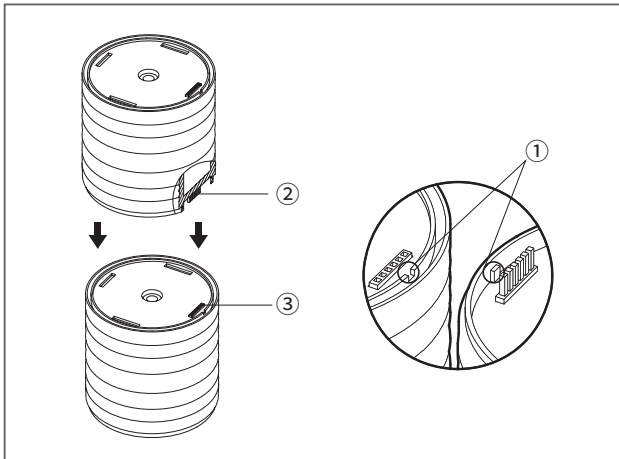
## Volume Adjustment



### Volume Dial

- The volume output of this product is adjustable.
- Turn the volume dial clockwise to increase the volume, and turn counter clockwise to decrease the volume.
- There will be no sound when the dial is put at MIN.

## How to Change Lens Kit



- When rearranging or replacing the lens kits, please be aware of the contact point ① and the connector pin ② marked in the diagram on the left.
- Press down to assemble the lens kits while making sure that connector pin ② and connector ③ aligns correctly.
- Please make sure that the rubber spacer placed on the top of each lens kit is tightly secured to the bottom of the other lens kit.

### ※ Caution when lens kit

- Lens kits are connected with connector pins each other. Bad connection may be experienced when the connector pins are touched with a foreign substance.
- If the lens kits are not turned on or not flashed after lens kits replacement, please make sure status of lens kit connection.

## Mounting Accessories (Sold Separately)

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

	Dimensions	
STDEL-USB	<p>SWP125</p>	<p>SWM125</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 its operation.
- 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.



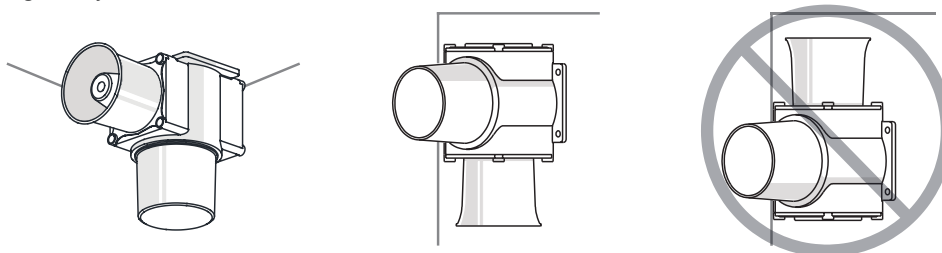
### · ELECTRONIC SOUNDER/SIGNAL HORN

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.

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