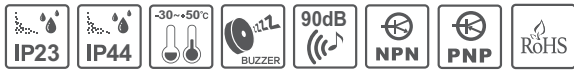
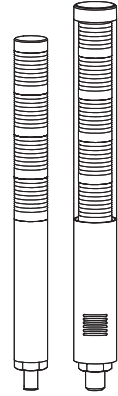


## Slim LED Tower Lights

# STA25/ 35/ 45SLM



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

#### • STA25SLM/ STA35SLM

STA25SLM	3	220	RAG
[Model number]	[Layer]	[Voltage]	[Color]
• STA25SLM	• 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
• STA35SLM		• 12-DC12V • 24-DC24V	

#### • STA45SLM(P)

STA45SLM(P)	3	24	RAG	QZ18
[Model number]	[Layer]	[Voltage]	[Color]	[Bracket]
• STA45SLM • STA45SLM-BZ • STA45SLMP • STA45SLMP-BZ	• Layer1-1 • Layer2-2 • Layer3-3 • Layer4-4 • Layer5-5	• 12-DC12V • 24-DC24V	R-Red A-Amber G-Green B-Blue W-White	• None-Standard • Bracket -LB18 -LW18 -QZ18 -SZ18 -QL18 -SL18



Please scan the QR code for more detailed product information.

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

## Product Specifications

### • STA25SLM

Model number	Layer	Voltage	Certificate	Weight	Color
STA25SLM steady type	1	DC12V DC24V AC110V AC220V		0.19kg	R-Red
	2	DC12V DC24V AC110V AC220V		0.21kg	R-Red G-Green
	3	DC12V DC24V AC110V AC220V		0.23kg	R-Red A-Amber G-Green
	4	DC12V DC24V AC110V AC220V		0.24kg	R-Red A-Amber G-Green B-Blue
	5	DC12V DC24V AC110V AC220V		0.26kg	R-Red A-Amber G-Green B-Blue W-White


CE Compliant: DC24V, UL Listed: DC24V

Light source current(1 layer)				
Voltage condition	DC12V	DC24V	AC110V	AC220V
Light source current (1 layer)	70mA	35mA	25mA	20mA

• Protection rating : IP44

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


### • STA35SLM

Model number	Layer	Voltage	Certificate	Weight	Color
STA35SLM steady type	1	DC12V DC24V		0.38kg	R-Red
	2	DC12V DC24V		0.40kg	R-Red G-Green
	3	DC12V DC24V		0.42kg	R-Red A-Amber G-Green
	4	DC12V DC24V		0.45kg	R-Red A-Amber G-Green B-Blue
	5	DC12V DC24V		0.48kg	R-Red A-Amber G-Green B-Blue W-White

※ CE Compliant: DC24V

Light source current(1 layer)		
Voltage condition	DC12V	DC24V
Light source current (1 layer)	100mA	50mA

### • STA45SLM

Model number	Layer	Voltage	Certificate	Weight	Color
STA45SLM steady type  STA45SLM -BZ Steady /w built-in buzzer	1	DC12V DC24V		0.50kg	R-Red
	2	DC12V DC24V		0.54kg	R-Red G-Green
	3	DC12V DC24V		0.58kg	R-Red A-Amber G-Green
	4	DC12V DC24V		0.63kg	R-Red A-Amber G-Green B-Blue
	5	DC12V DC24V		0.68kg	R-Red A-Amber G-Green B-Blue W-White


CE Compliant: DC24V, UL Listed: DC24V

Light source/buzzer current(based on 1 layer)		
Voltage condition	DC12V	DC24V
Light source current (1 layer)	100mA	50mA
Buzzer current	40mA	75mA

• Protection rating : IP44(standard type), IP23(buzzer type).

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

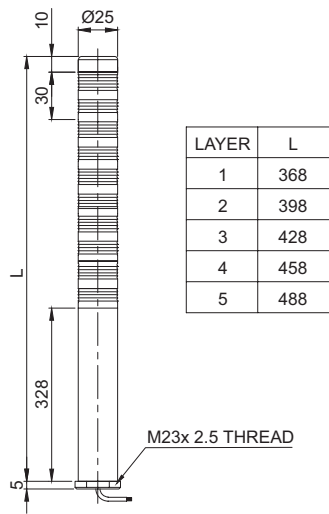
### • STA45SLMP

Model number	Layer	Voltage	Certificate	Weight	Color
STA45SLMP steady type  STA45SLMP -BZ Steady /w built-in buzzer	1	DC12V DC24V		0.56kg	R-Red
	2	DC12V DC24V		0.60kg	R-Red G-Green
	3	DC12V DC24V		0.64kg	R-Red A-Amber G-Green
	4	DC12V DC24V		0.69kg	R-Red A-Amber G-Green B-Blue
	5	DC12V DC24V		0.74kg	R-Red A-Amber G-Green B-Blue W-White

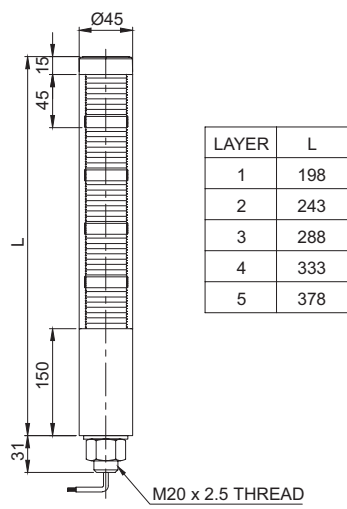
CE Compliant: DC24V, UL Listed: DC24V

Light source/buzzer current(based on 1 layer)		
Voltage condition	DC12V	DC24V
Light source current (1 layer)	100mA	50mA
Buzzer current	40mA	75mA

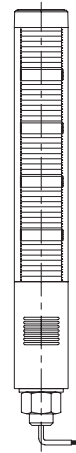
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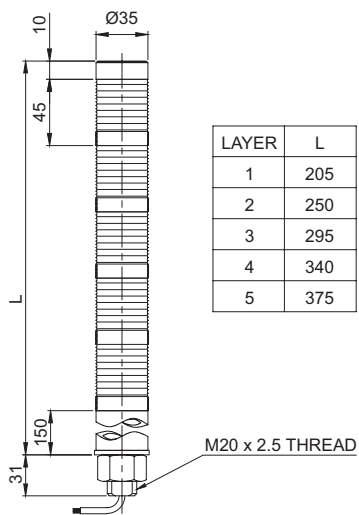
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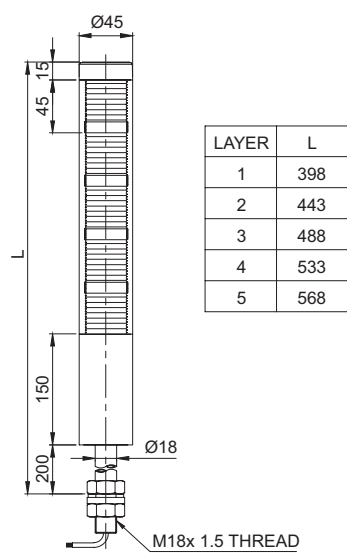
STA45SLM-BZ



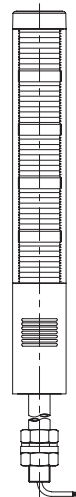
STA35SLM



STA45SLMP



STA45SLMP-BZ



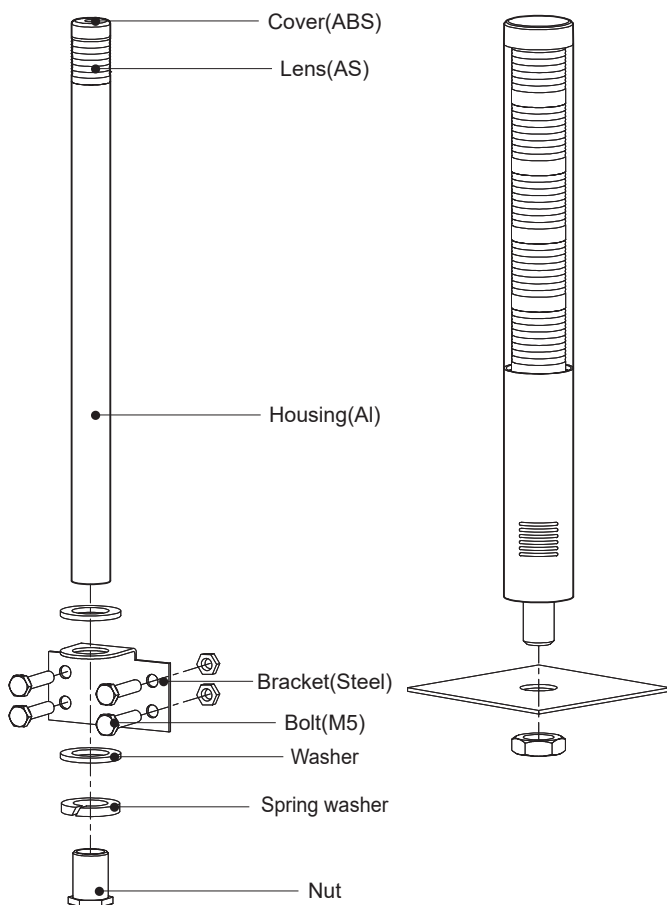
## Wiring Instructions

- STA25SLM, STA35SLM, STA45SLM(P) can be wired by using both external contact and transistor.
- In case of wiring by transistor, please make sure if it is NPN type or PNP type. Please carefully follow wiring instruction below.

Wiring using external contact		
	<p>STA25SLM-DC / STA35SLM-DC</p> <p>External contact</p>	<p>STA45SLM / ST45SLMP-DC</p> <p>External contact</p>
Transistor(I/O unit)		
NPN Transistor	<p>STA25SLM-DC / STA35SLM-DC</p> <p>External transistor-NPN</p>	<p>STA45SLM / ST45SLMP-DC</p> <p>External transistor-NPN</p>
	<p>STA25SLM-DC / STA35SLM-DC</p> <p>External transistor-PNP</p>	<p>STA45SLM / ST45SLMP-DC</p> <p>External transistor-PNP</p>

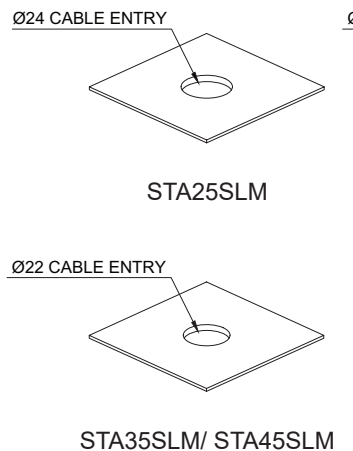
- External power line/ External signal line - UL1007 AWG22(0.3sq) 400mm

## Parts Definition/ Installation



## Mounting Hole Specifications

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



## Mounting Accessories (Sold Separately)

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

### ■ STA25SLM/ STA35SLM/ STA45SLM-Direct Mounting Type Model

	STA25SLM/ STA35SLM	STA45SLM
Dimensions	<p>STAWB25</p>	<p>STAWB45</p>

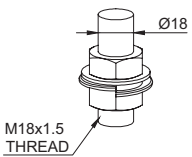
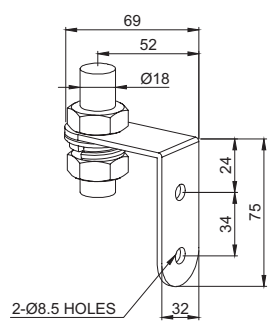
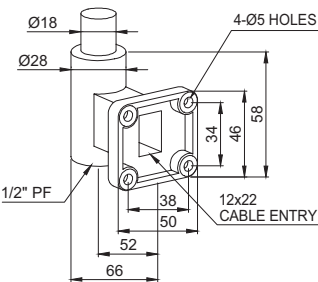
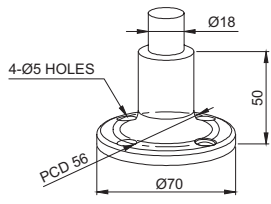
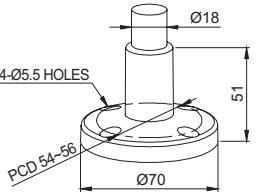
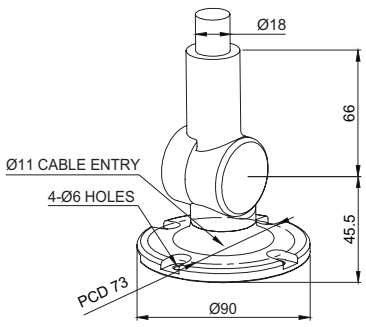
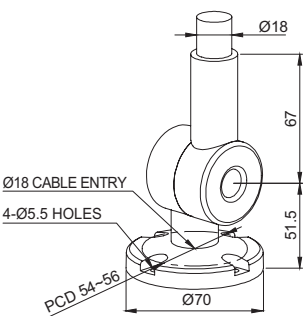
## Installation Environment and Protection Rating

- This product is designed for indoor use with protection rating of IP44(standard type) or IP23(buzzer type).
- If the product is installed in locations that subject it to excessive dust or water other than the designated IP protection rating indicated, it may cause malfunction or damage to the product.
- For further information, please visit our website ([www.qlight.com](http://www.qlight.com)).

## Mounting Accessories (Sold Separately)

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

### ■ STA45SLMP - Pole Mounting Type Model

	Dimensions	
STA45SLMP	 <p>M18x1.5 THREAD</p> <p>Ø18</p> <p>18mm SCREW &amp; NUT</p>	 <p>69 52 Ø18 24 34 75 32 2-Ø8.5 HOLES</p> <p>LB18</p>
	 <p>Ø18 Ø28 4-Ø5 HOLES 1/2" PF 34 46 58 38 50 12x22 CABLE ENTRY 52 66</p> <p>LW18</p>	 <p>Ø18 4-Ø5 HOLES PCD 56 Ø70 50</p> <p>SZ18</p>
	 <p>Ø18 4-Ø5.5 HOLES PCD 54-56 Ø70 51</p> <p>QZ18</p>	 <p>Ø18 66 Ø11 CABLE ENTRY 4-Ø6 HOLES PCD 73 Ø90 45.5</p> <p>SL18</p>
	 <p>Ø18 67 51.5 Ø18 CABLE ENTRY 4-Ø5.5 HOLES PCD 54-56 Ø70</p> <p>QL18</p>	

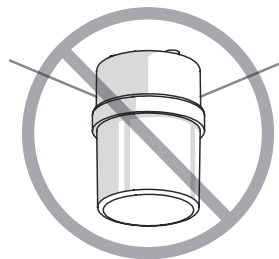
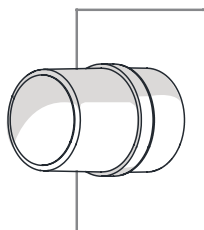
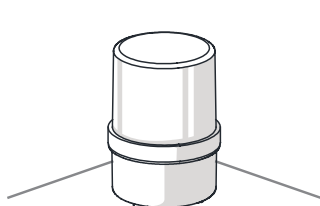
## Product installation direction

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

### · BEACON/SIGNALING LIGHT

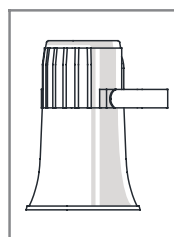
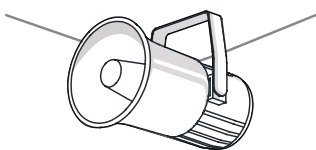
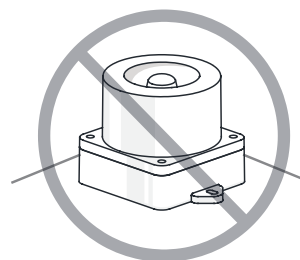
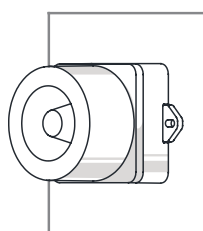
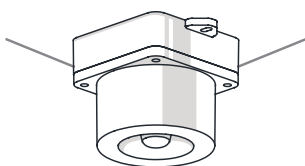
※ For products with a protection rating of less than IPX4, please install it vertically.

Power cord inlet part shall not be facing the sky.



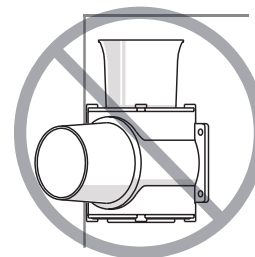
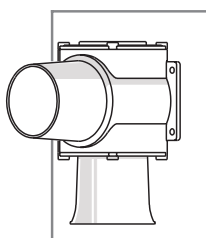
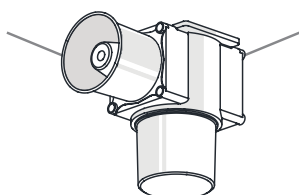
### · ELECTRONIC SOUNDER/SIGNAL HORN

Sounder part shall not be facing the sky.



### · HEAVY-DUTY & EXPLOSION PROOF SIGNALINGS

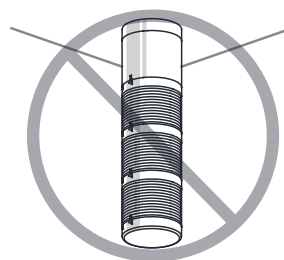
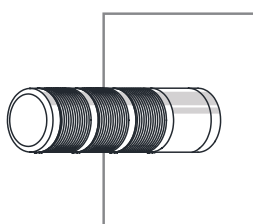
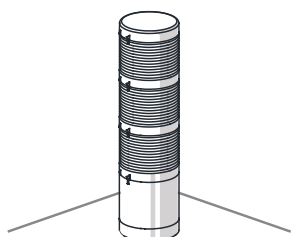
Sounder part shall not be facing the sky.

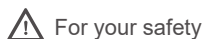


### · SIGNAL TOWER LIGHTS

※ 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

Product Operation Inquiry / Customer Support +82-51-620-4100

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

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