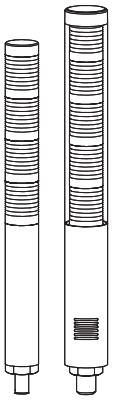
Slim LED Tower Lights

STA25/ 35/ 45SLM



IP23 IP44 -30~+50℃ BUZZER 90dB NPN PNP RoHS

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 -SLB370

Please scan the QR code for more detailed product information.

www.qlight.com

Product Specifications

• STA25SLM

Model number	Layer	Voltage	Certificate	Weight	Color
STA25SLM steady type	1	DC12V DC24V AC110V AC220V	CE UL	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

• STA35SLM

Model number	Layer	Voltage	Certificate	Weight	Color
STA35SLM steady type	1	DC12V DC24V	CE	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

• Protection rating : IP44
• Ambient operating temperature : -30°C to +50°C

• STA45SLM

Model number	Layer	Voltage	Certificate	Weight	Color
STA45SLM steady type STA45SLM -BZ Steady /w built-in buzzer	1	DC12V DC24V	CE UL	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

• STA45SLMP

Model number	Layer	Voltage	Certificate	Weight	Color
STA45SLMP steady type STA45SLMP -BZ Steady /w built-in buzzer	1	DC12V DC24V	CE UL	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

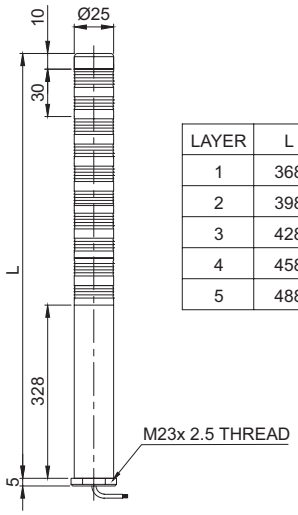
Light source/buzzer current(based on 1 layer)		
Voltage condition	DC12V	DC24V
Light source current (1 layer)	100mA	50mA
Buzzer current	40mA	75mA

• Protection rating : IP44(standard type), IP23(buzzer type).
• Ambient operating temperature: : -30°C to +50°C

Dimensions

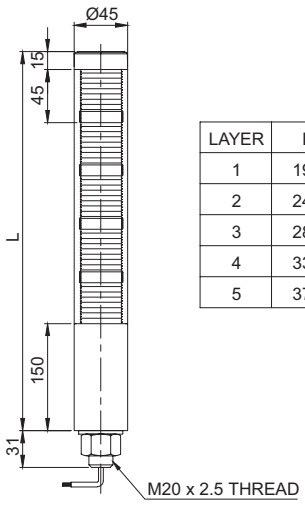
(Units : mm)

STA25SLM



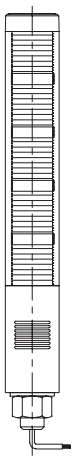
LAYER	L
1	368
2	398
3	428
4	458
5	488

STA45SLM

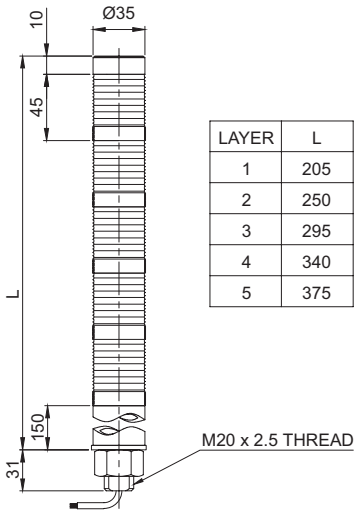


LAYER	L
1	198
2	243
3	288
4	333
5	378

STA45SLM-BZ

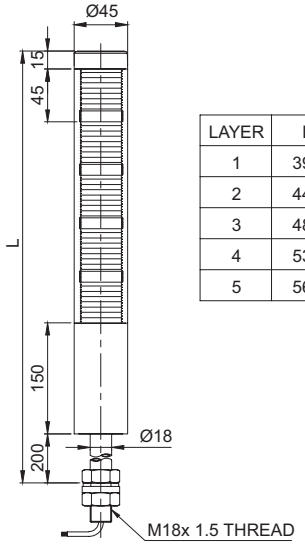


STA35SLM



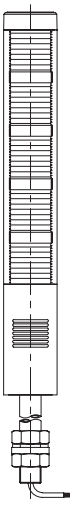
LAYER	L
1	205
2	250
3	295
4	340
5	375

STA45SLMP



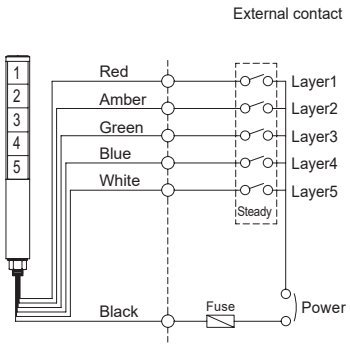
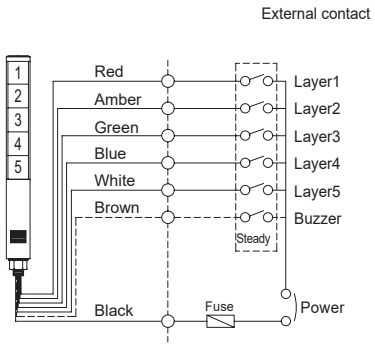
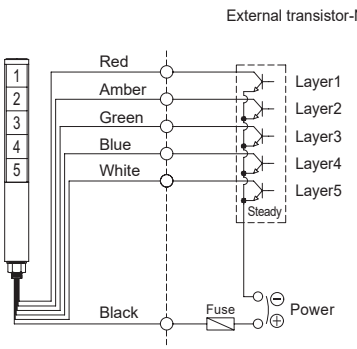
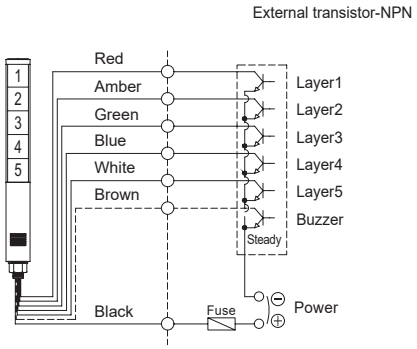
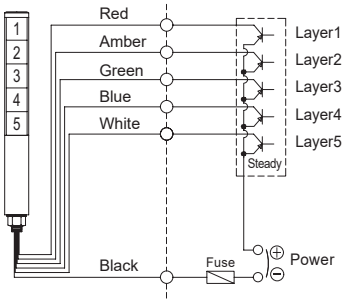
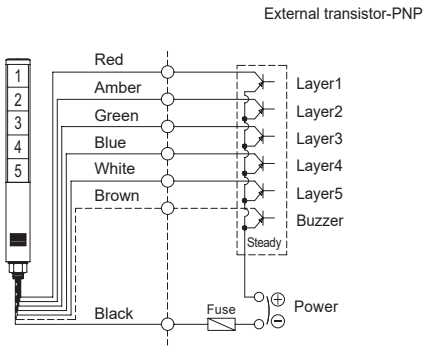
LAYER	L
1	398
2	443
3	488
4	533
5	568

STA45SLMP-BZ



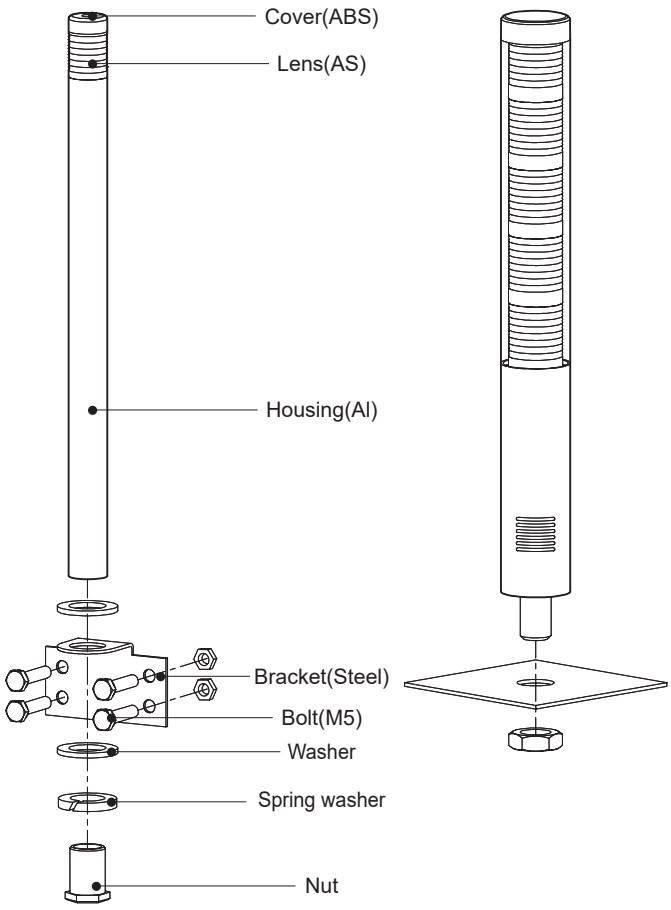
Wiring Instructions

• 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.

<table>
<tr><td></td><td colspan="2">Wiring using external contact</td></tr>
<tr><td></td><td>STA25SLM-DC / STA35SLM-DC

</td><td>STA45SLM / ST45SLMP-DC

</td></tr>
<tr><td></td><td colspan="2">Transistor(I/O unit)</td></tr>
<tr><td>NPN
Transistor</td><td>STA25SLM-DC / STA35SLM-DC

</td><td>STA45SLM / ST45SLMP-DC

</td></tr>
<tr><td>PNP
Transistor</td><td>STA25SLM-DC / STA35SLM-DC

</td><td>STA45SLM / ST45SLMP-DC

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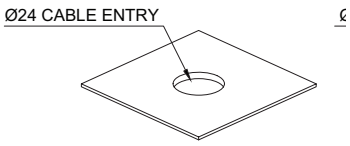
• External power line/ External signal line - UL1007 AWG22(0.3sq) 400mm

Parts Definition/ Installation

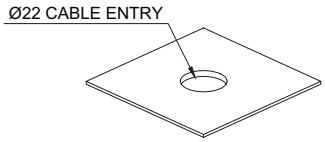


Mounting Hole Specifications

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



STA25SLM

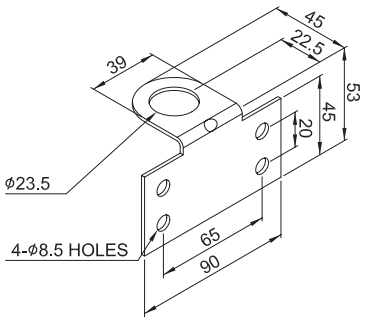
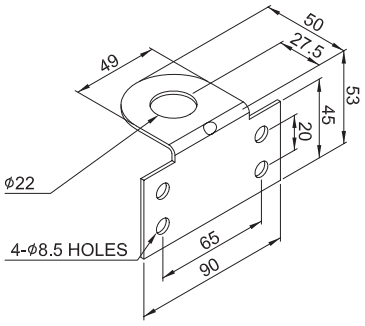


STA35SLM/ STA45SLM

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	 STAWB25	 STAWB45

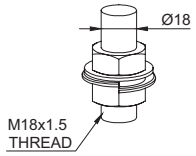
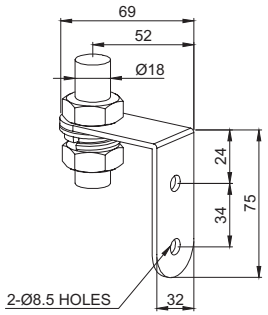
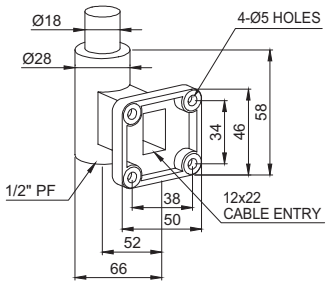
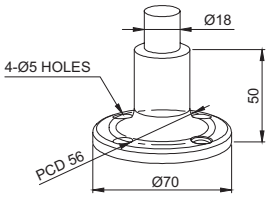
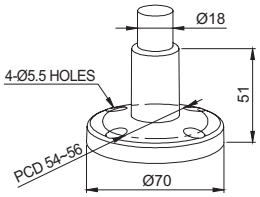
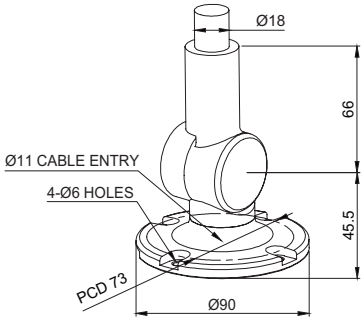
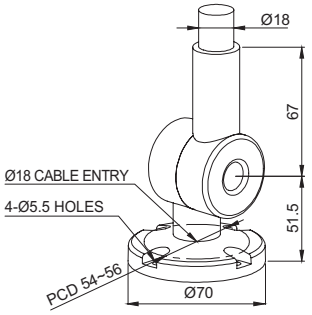
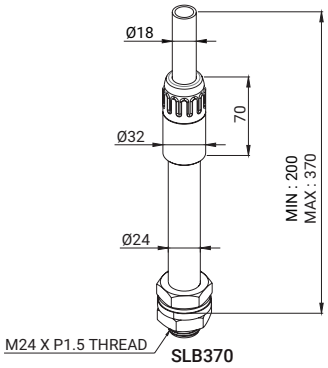
Installation Environment and Protection Rating

• 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).

Mounting Accessories (Sold Separately)

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

■ STA45SLMP - Pole Mounting Type Model

	Dimensions	
STA45SLMP	 18mm SCREW & NUT	 LB18
	 LW18	 SZ18
	 QZ18	 SL18
	 **QL18**	 **SLB370**

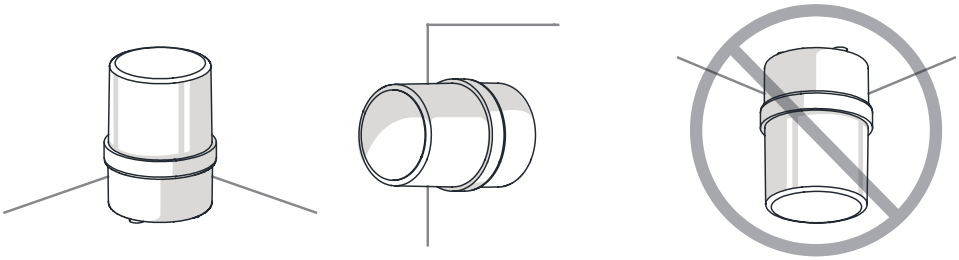
Product installation direction

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

· BEACON/SIGNALING LIGHT

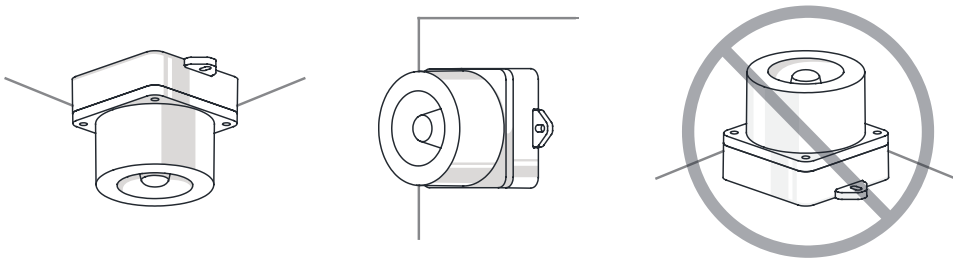
※ For products with a protection rating of less than IPX4, please install it vertically.

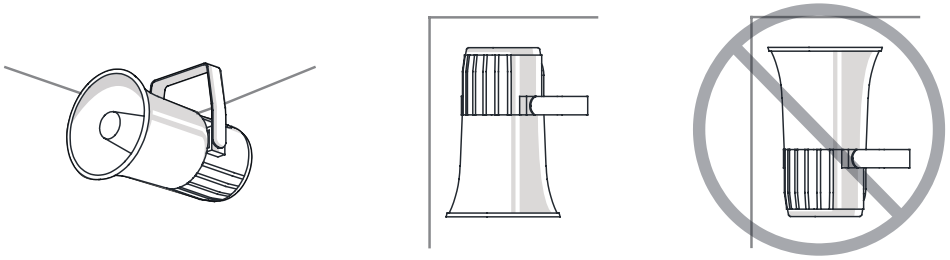
Power cord inlet part shall not be facing the sky.



· ELECTRONIC SOUNDER/SIGNAL HORN

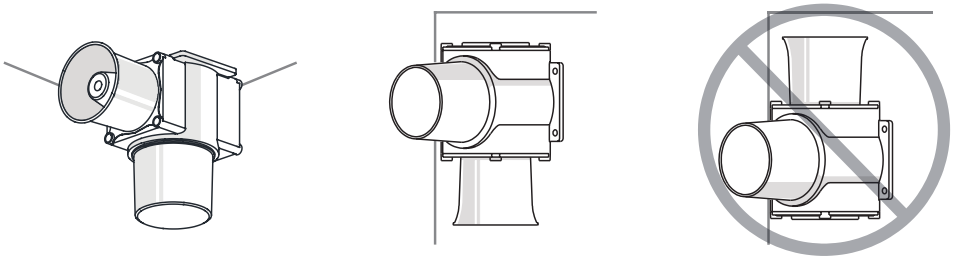
Sounder part shall not be facing the sky.





· HEAVY-DUTY & EXPLOSION PROOF SIGNALINGS

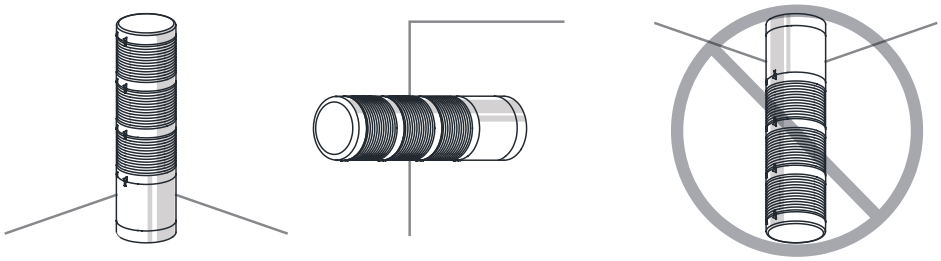
Sounder part shall not be facing the sky.



· 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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Product Operation Inquiry / Customer Support +82-51-620-4100
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Factory : 185-25, Mukbang-Ro, Sangdong-Myeon, Gimhae-Si, Gyeongsangnam-Do, Korea (Postal Code : 50805)
www.qlight.com

EN - STA35SLM - 2608A