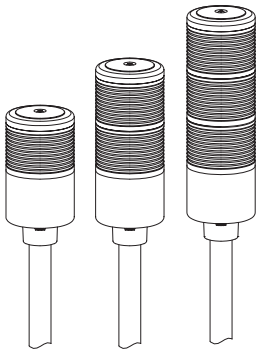
LED Steady/Flashing Tower Light

EST56L



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

EST56L	-	3	-	220	-	RAG	-	LW18	-	BK
[Model number]		[Layers]		[Voltage]		[Color]		[Mounting option]		[Housing/cover color]
• EST56L • EST56LF • EST56L-BZ • EST56LF-BZ		• 1-1 Layers • 2-2 Layers • 3-3 Layers		• 24-DC24V • 220-AC220V		R-Red A-Amber G-Green		• None - Standard type • Bracket -LB18 -LW18 -QZ18 -SZ18 -QL18 -SL18 -FB18 -SLB370		• None-Ivory • BK-Black

Please scan the QR code for more detailed product information.

www.qlight.com

Product Specifications

Model number	Layers	Voltage	Certificate	Weight	Color
EST56L Steady EST56L-BZ Steady w/built-in buzzer EST56LF Steady/Flashing EST56LF-BZ Built-in buzzer, Steady/Flashing	1	DC24V	CE	0.29kg	R-Red
	2			0.32kg	R-Red G-Green
	3			0.36kg	R-Red A-Amber G-Green
EST56L Steady EST56L-BZ Steady w/built-in buzzer EST56LF Flashing EST56LF-BZ Flashing w/built-in buzzer	1	AC220V	-	0.30kg	R-Red
	2			0.33kg	R-Red G-Green
	3			0.37kg	R-Red A-Amber G-Green

• Signal/Audible Line Current(per each layer)

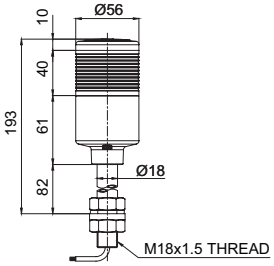
Voltage	DC12V	DC24V
Signal line current	60mA	25mA
Audible line current	75mA	25mA

• Protection rating : IP23
• Ambient operating temperature : -30°C to +50°C

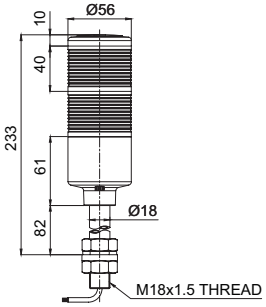
Dimensions

(Units : mm)

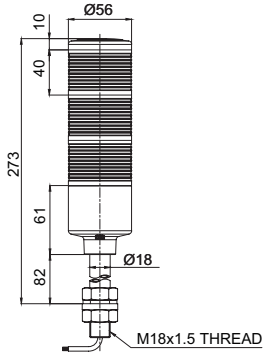
EST56LF-BZ-1-R : DC/AC
EST56LF-1-R : DC/AC
EST56L-BZ-1-R : DC/AC
EST56L-1-R : DC/AC



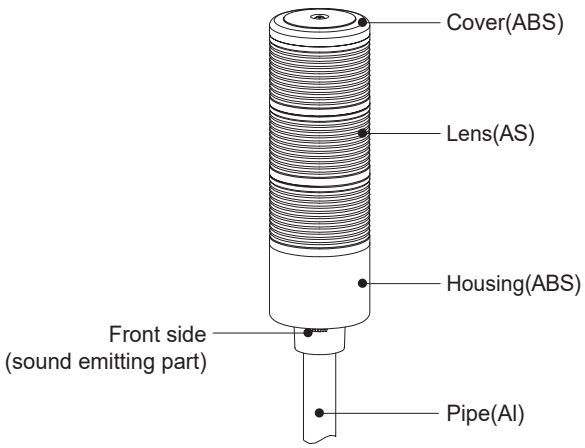
EST56LF-BZ-2-RG : DC/AC
EST56LF-2-RG : DC/AC
EST56L-BZ-2-RG : DC/AC
EST56L-2-RG : DC/AC



EST56LF-BZ-3-RAG : DC/AC
EST56LF-3-RAG : DC/AC
EST56L-BZ-3-RAG : DC/AC
EST56L-3-RAG : DC/AC



Parts Definition



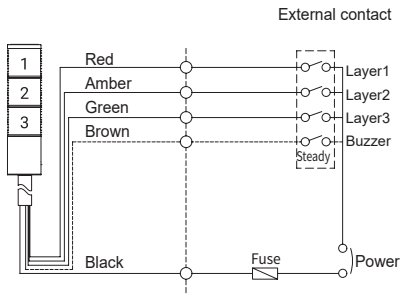
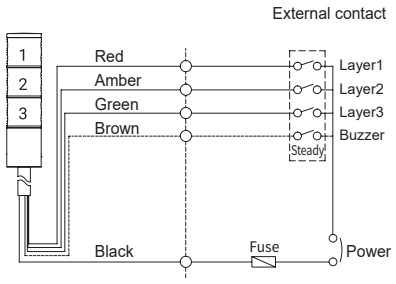
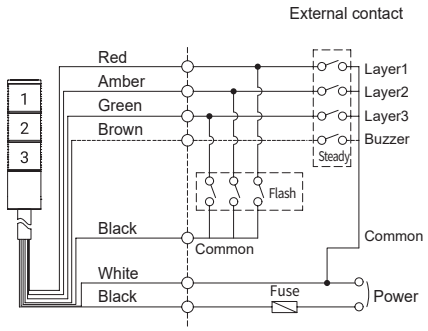
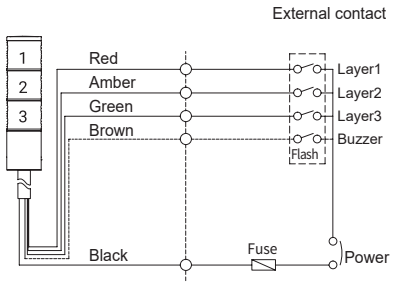
Installation Environment and Protection Rating

• This product is designed for indoor use with protection rating of IP23.
• 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).

Wiring Instructions

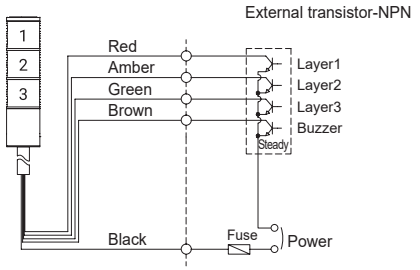
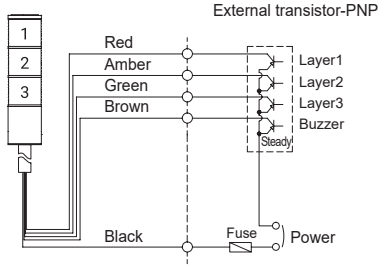
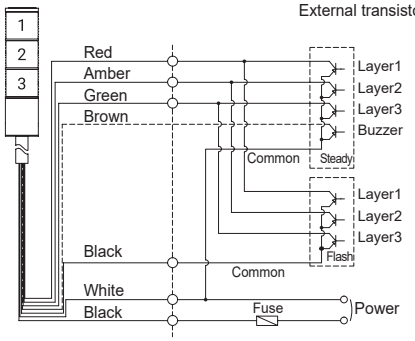
■ Wiring using external contact

• In case of wiring with external contacts, refer to the wiring diagrams below according to your product's type and voltage setting.

	Wiring diagrams		Wiring diagrams
DC Steady EST56L EST56L-BZ		AC Steady EST56L EST56L-BZ	
DC Steady/Flashing EST56LF EST56LF-BZ		AC Flashing EST56LF EST56LF-BZ	

■ Wiring using transistor

• When using a transistor, please choose between the NPN or PNP type transistor which best matches the voltage and product type, then connect them correctly according to the wiring diagrams below.

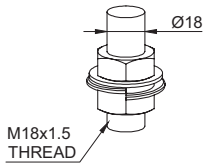
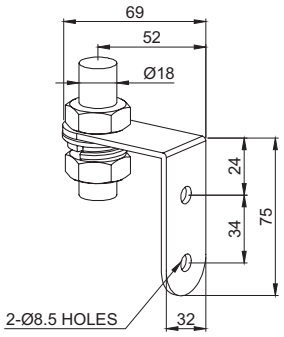
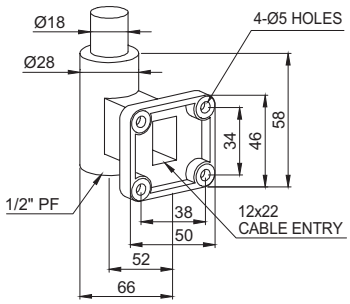
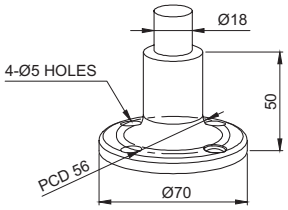
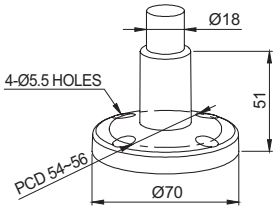
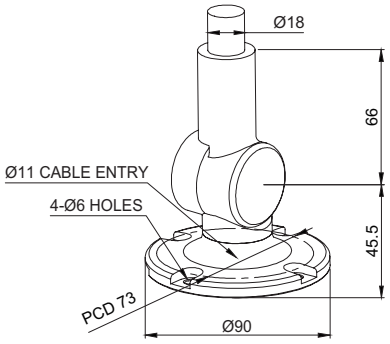
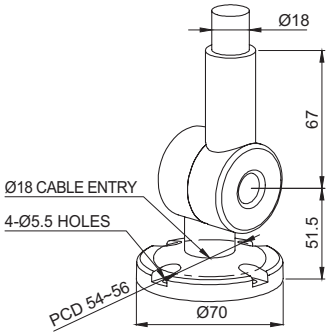
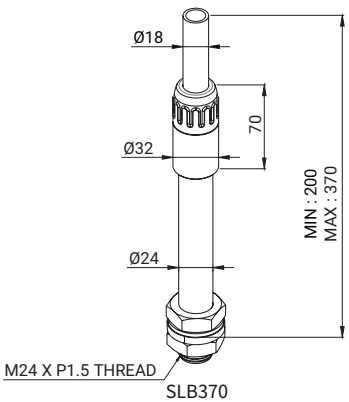
	Wiring diagrams
DC Steady EST56L EST56L-BZ	 
DC Steady/Flashing EST56LF EST56LF-BZ	

• External power line - UL1015 AWG18(0.75sq) x 2C 400mm

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

Mounting Accessories (Sold Separately)

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

	Dimensions	
EST56L	 18mm SCREW & NUT	 LB18
	 LW18	 SZ18
	 QZ18	 SL18
	 QL18	 SLB370

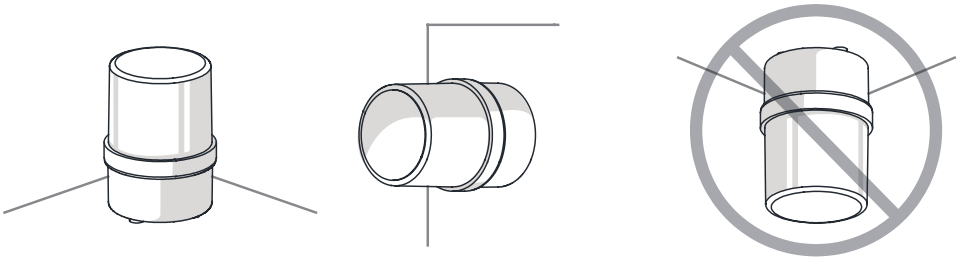
Product installation direction

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

· BEACON/SIGNALING LIGHT

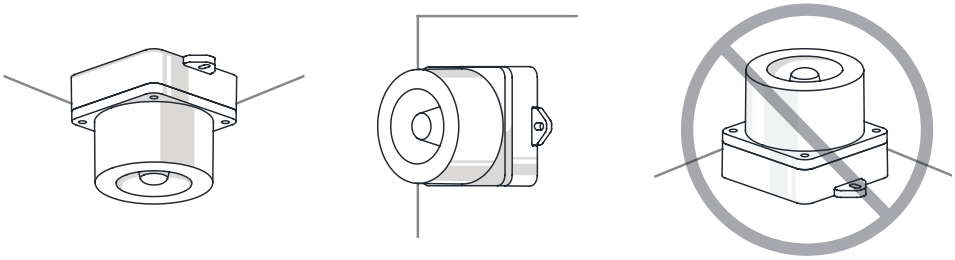
※ For products with a protection rating of less than IPX4, please install it vertically.

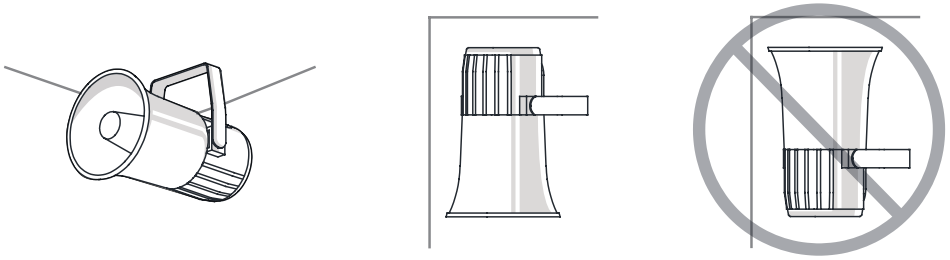
Power cord inlet part shall not be facing the sky.



· ELECTRONIC SOUNDER/SIGNAL HORN

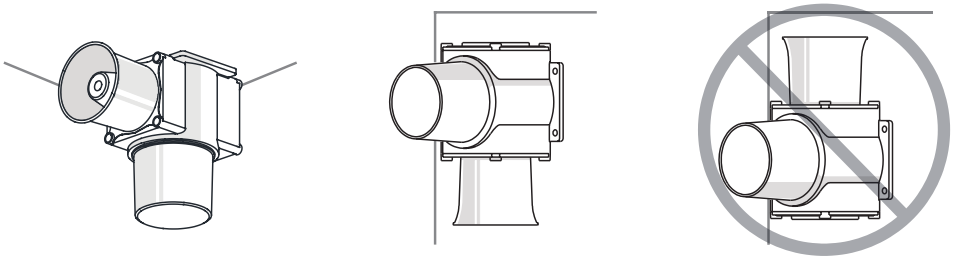
Sounder part shall not be facing the sky.





· HEAVY-DUTY & EXPLOSION PROOF SIGNALINGS

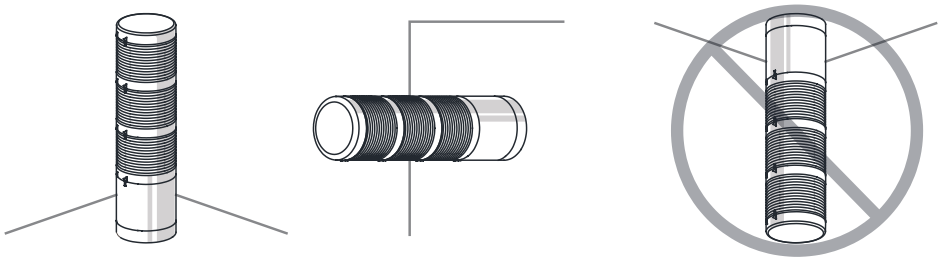
Sounder part shall not be facing the sky.



· 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.



MEMO

MEMO

⚠ 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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