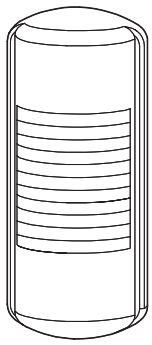
Wall Mounting Multiple Color LED Steady/ Flashing Signal Lights

SWTC/ SWTCE



IP55 | -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

SWTCL	-	BZ	-	3	-	220	-	RAG
[Model number]		[Buzzer]		[Colors]		[Voltage]		[Color]
• SWTCL • SWTCLF • SWTCEL • SWTCELF		• None - No buzzer type • BZ - Built-in buzzer type		• 2-2colors • 3-3colors		• 12/24 - DC12V-24V • 110 - AC110V • 220 - AC220V		• RAG-Red/ Amber/ Green • RG-Red/ Green

Product Specifications

Model number	Voltage	Current	Certificate	Weight	Color
SWTCL Steady SWTCLF Steady/ Flashing SWTCEL Steady SWTCELF Steady/ Flashing	DC12V-24V	Max. 445mA	CE	0.31kg	R-Red A-Amber G-Green
	AC110V	155mA		0.46kg	
	AC220V	85mA			

※ CE compliant : DC24V

- **Built-in buzzer : Max.90dB at 1m**
- **Protection rating : IP55**
- **Ambient operating temperature : -30°C to +50°C**

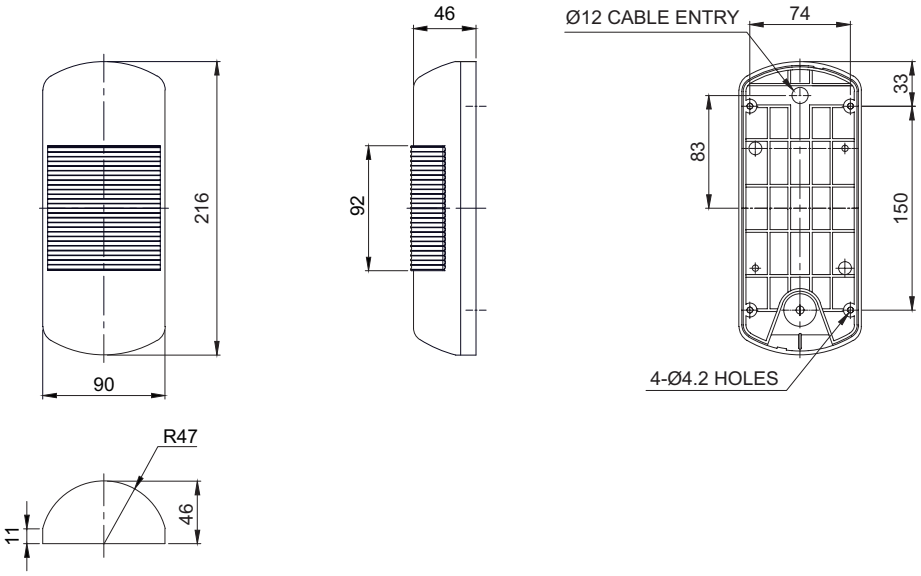
Please scan the QR code for more detailed product information.

www.qlight.com

Dimensions

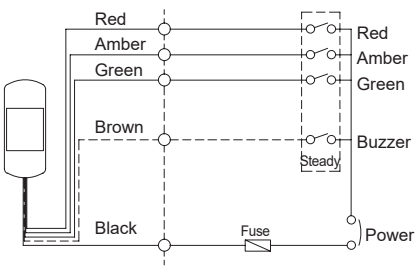
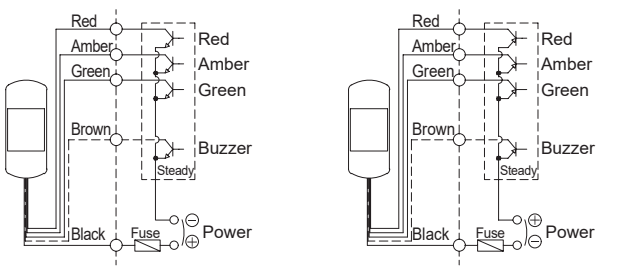
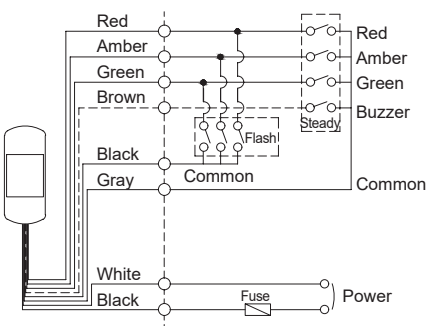
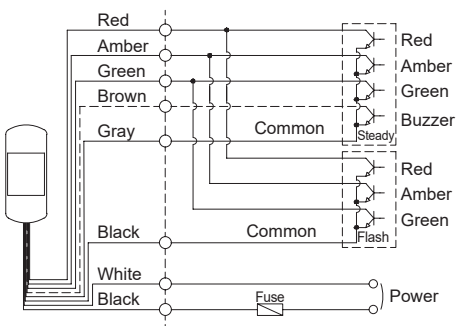
(Units : mm)

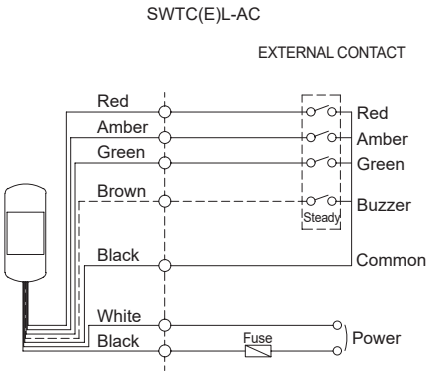
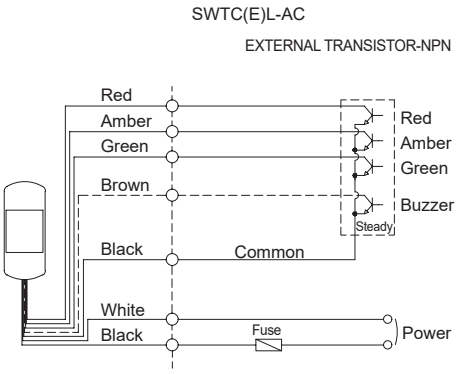
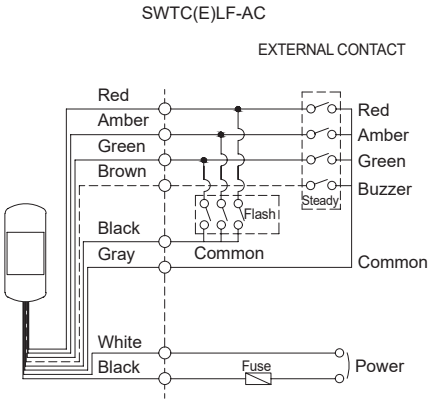
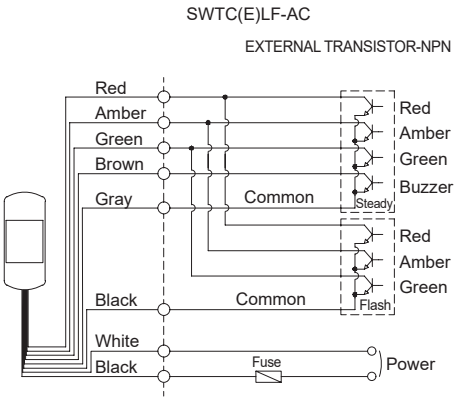
SWTC/ SWTCE



Wiring Instructions

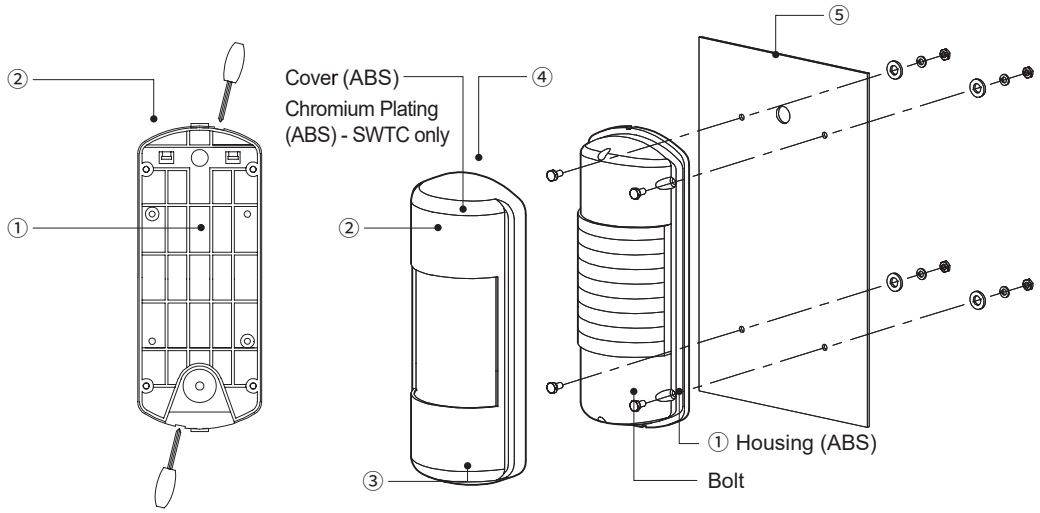
- SWTC series can be wired with either external contact or transistor.
- When using a transistor, please choose between the NPN transistor or PNP transistor which best matches the voltage and product type, then connect them correctly according to the wiring diagram below.
- Product can be wired regardless of polarity.

	External contact	Transistor
DC Steady	SWTC(E)L-DC EXTERNAL CONTACT 	SWTC(E)L-DC EXTERNAL TRANSISTOR-NPN EXTERNAL TRANSISTOR-PNP 
DC Steady/ Flashing	SWTC(E)LF-DC EXTERNAL CONTACT 	SWTC(E)LF-DC EXTERNAL TRANSISTOR-NPN 

	External contact	Transistor
AC Steady		
AC Steady/ Flashing		

• DC steady type cable specification: External power/ signal line - UL1007 AWG22(0.3sq) 400mm
• AC steady, AC/DC steady/flashing type cable specification : External power line - UL1015 AWG18(0.75sq) × 2C 400mm
External signal line - UL1007 AWG22(0.3sq) 400mm

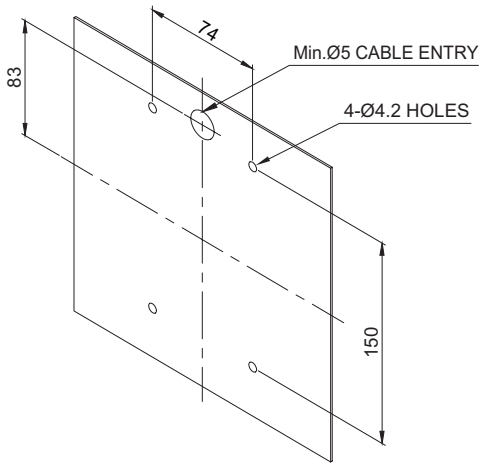
Parts Definition/ Installation



• Remove the cover ② by loosening the housing ①.
• Machine taps or holes on the mounting surface ⑤.
• The mounting hole of this product is 4.2mm in diameter(hole).
• When machining taps, fasten the bolt through the mounting hole of the product.
• When machining holes, insert the bolt through the hole of the product, and tighten the nut from the opposite side of the mounting surface.
• Insert hook③ under cover and press hook④ on top of cover.

Mounting Hole Specifications

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



SWTC/ SWTCE

Installation Environment and Protection Rating

• This product is designed for use with protection rating of IP55.
• If the product is installed in locations that subject it to excessive dust or water other than the designated IP protection rating indicated(IP55), 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 it's operation.
• For further information, please visit our website (www.qlight.com).

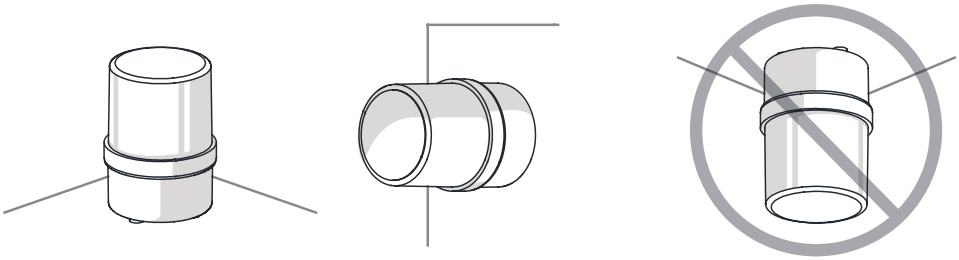
Product installation direction

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

· BEACON/SIGNALING LIGHT

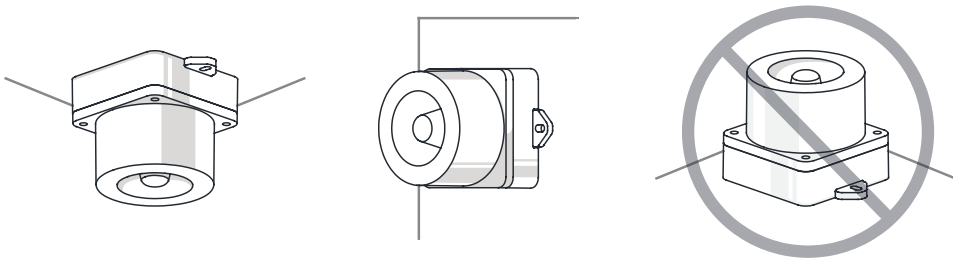
※ For products with a protection rating of less than IPX4, please install it vertically.

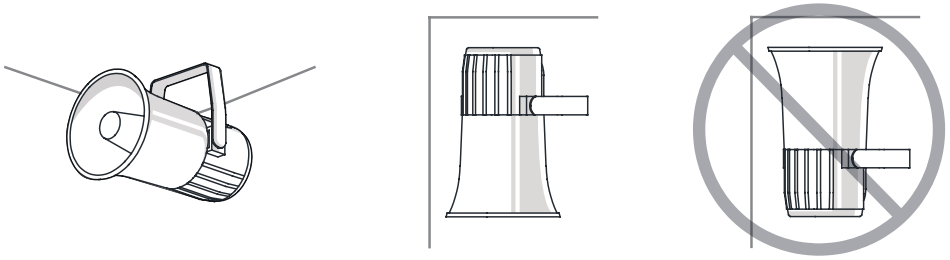
Power cord inlet part shall not be facing the sky.



· ELECTRONIC SOUNDER/SIGNAL HORN

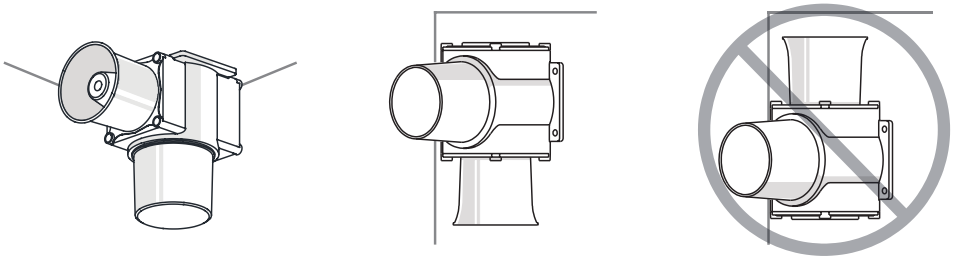
Sounder part shall not be facing the sky.





· HEAVY-DUTY & EXPLOSION PROOF SIGNALINGS

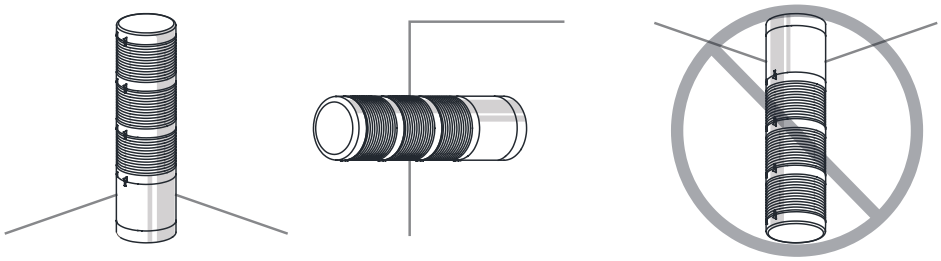
Sounder part shall not be facing the sky.



· 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.



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.

Korea Corporation Qlight Co., Ltd. www.qlight.com | trade@qlight.com
Head Office | Suite #1510, STX-V Tower, 128 Gasan Digital 1-ro, Geumcheon-gu, Seoul, 08507, South Korea
Tel: +82-2-2679-6152 Fax: +82-2-2679-6154
Factory(Gimhae Production Headquarters) | 185-25, Mukbang-ro, Sangdong-myeon, Gimhae-si, Gyeongsangnam-do, 50805, South Korea
Tel: +82-55-328-1111
Overseas Sales Department | Qlight Building, 704 Nakdong-daero, Sasang-gu, Busan 47044, South Korea Tel: +82-51-620-4100
Busan Business Centerr | Qlight Building, 704 Nakdong-daero, Sasang-gu, Busan 47044, South Korea Tel: +82-51-245-0017

China Corporation SHANGHAI Qlight Electronic Co., Ltd. www.qlight.com www.qlightcn.com | qlightcn@qlight.com
Sales Corporation (Shanghai) | Room 333 Building B, No.11, Lane 450, Zhenda Road, Baoshan District, Shanghai, China
Tel: +86-21-6651-7100 Fax: +86-21-6315-3929
Manufacturing Corporation (Qidong) | No.33, Haiyan Road, Qidong High-tech Industrial Development Zone, Qidong, Jiangsu Province, China
Tel: +86-513-8384-9999 Fax: +86-513-8384-9910

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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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Head office : Suite #1510, STX-V Tower, 128 Gasan digital 1-ro, Geumcheon-gu, Seoul, Korea (Postal Code : 08507)
Factory : 185-25, Mukbang-Ro, Sangdong-Myeon, Gimhae-Si, Gyeongsangnam-Do, Korea (Postal Code : 50805)
www.qlight.com

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