

STA45SLM SERIES

OPERATING MANUAL

LED Steady Tower Lamp

Thank you for purchasing Q.Light product. Please read this manual carefully before installing this product for safe and long use.

1 Product Feature

- High visibility by employing special dispersing lens.
- Convenient installation by adopting screw type structure at bottom side of body.
- Excellent removability from dust adhesion by covering inside lens with transparent Lens.
- Volume(Buzzer Built-in Type): Max. 90dB/1m
- LED Steady type (supporting flashing type by external control)
- Protection Class : IP44(BUZZER TYPE : IP23)

2 Specification & External View Drawing

1) STA45SLM / STA45SLM -BZ

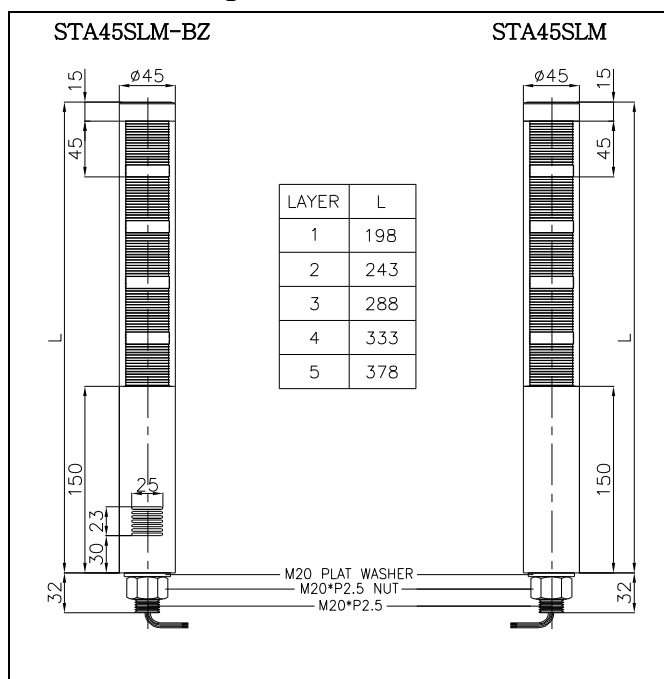
• General Specification

Model	Layer	Voltage	Current	Weight	Color
STA45SLM / STA45SLM -BZ	1	AC/DC12V	0.160A	0.35Kg	RED-R
		AC/DC24V	0.080A	0.35Kg	
		AC110V	0.020A	0.35Kg	
		AC220V	0.020A	0.35Kg	
	2	AC/DC12V	0.320A	0.35Kg	RED-R GREEN-G
		AC/DC24V	0.160A	0.35Kg	
		AC110V	0.040A	0.35Kg	
		AC220V	0.040A	0.35Kg	
	3	AC/DC12V	0.480A	0.41Kg	RED-R AMBER-A GREEN-G
		AC/DC24V	0.240A	0.41Kg	
		AC110V	0.060A	0.41Kg	
		AC220V	0.060A	0.41Kg	
	4	AC/DC12V	0.640A	0.47Kg	RED-R AMBER-A GREEN-G BLUE-B
		AC/DC24V	0.320A	0.47Kg	
		AC110V	0.080A	0.47Kg	
		AC220V	0.080A	0.47Kg	
	5	AC/DC12V	0.800A	0.53Kg	RED-R AMBER-A GREEN-G BLUE-B WHITE-w
		AC/DC24V	0.400A	0.53Kg	
		AC110V	0.100A	0.53Kg	
		AC220V	0.100A	0.53Kg	

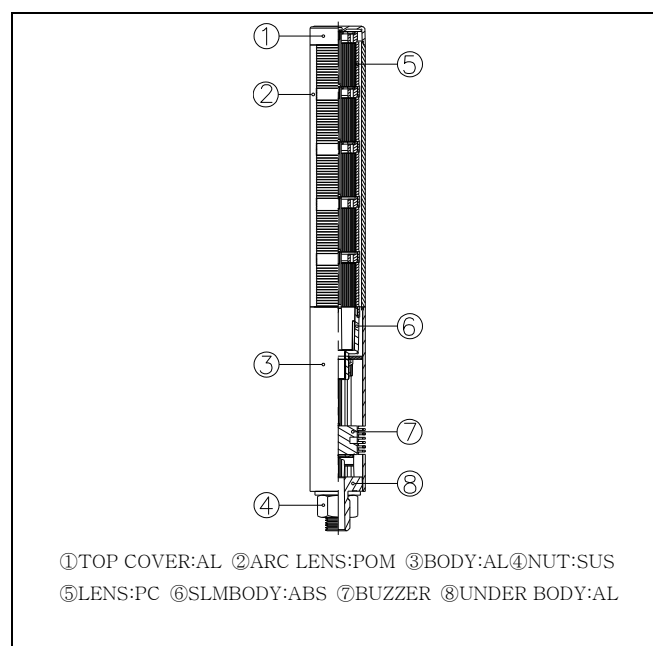
* Current and contact capacity (by 1 layer)

VLOTAGE	Current (Signal)	Inrush current	External contact	Current (Buzzer)
AC/DC12V	0.160A	Abt.4.80A	Over 5A	0.015A
AC/DC24V	0.080A	Abt.2.40A	Over 3A	0.028A
AC110V	0.200A	Abt.0.60A	Over 1A	0.021A
AC220V	0.200A	Abt.0.40A	Over 1A	0.038A

■ Outline drawing of STA45SLM Series



3 Wiring Instruction



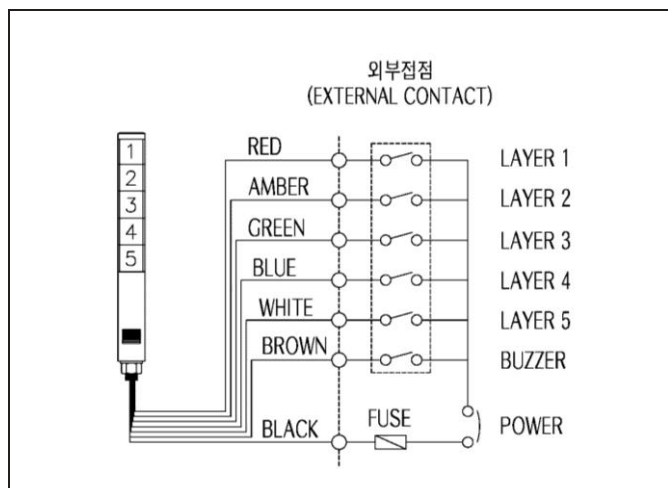
4 Cable connection

This product has separate power and signal cable. Please make sure to connect each cable in accordance with below connection diagram.

■ DC, AC Steady type (involving built-in buzzer type)

▪ Signal cable(Power cable) : UL1007-NO.22(0.3sq) 400mm

▶ AC / DC Steady type



5 Installation

- This product is designed for indoor use. Do not use them outdoor.
- Mount them vertical and upright where there is low vibration and shock if possible.
- Drill the suitable holes at place where you want to install in reference with below table.
- Fix the product by using nuts (M20*2.5) on bottom of the product

Model	Hole size
STA45SLM Series	Ø20

6 Caution

- Make sure end of any unused wires are insulated by tape. A short circuit of signal line can cause a trouble.
- If using voltage is seriously higher or lower than rated voltage, it can reduce the self-life of the product or can cause a problem on product operating. Make sure the using voltage does not exceed $\pm 5\%$ of the rated voltage.
- If lens or body of the product is contaminated by chemicals such as thinner, benzene, the product can be damaged, discolored or deformed. Please be careful.
- Do not make any impact onto product. It causes short circuit or trouble.
- Do not strongly pull the wire out from the product. It can cause a disorder.

7 Trouble Shooting

Situation	Main reason	Solution
No light	Wrong wiring.	Check the wiring.
Feeble Lighting	Supplying Voltage Lower Than Rated Voltage	Check the working Voltage
Non- Lighting Partly	LED is partly damaged, supplying higher voltage then rated voltage.	Check the working Voltage
No Sound	Problem with speaker	Contact Q.Light or Their Agent
Neither Lighting nor Flashing, No sound	Wrong Wiring	Check the wiring
	No Power Supply	Check power supply.

For A/S & Information on Product

Q-LIGHT CO., LTD.

<http://www.qlightkr.com>

E-mail : qlightkr@qlightkr.com

Overseas Marketing Team /Plant

Tel) 055-328-4082 Fax) 055-328-4083

178-1 Woogyae-Ri, Sangdong-Myun, Kimhae-Si,
KyungNam, Korea