



PRODUCT SPECIFICATION

STA45SLM | STA45SLMP

Materials Lens-Acrylic, Inner lens-AS, Housing-Al
Ambient operating temperature -30°C to +50°C
Volume Max.90dB at 1m
Protection rating
 Standard type-IP44, Built-in buzzer type-IP23

- Ø45mm direct mount/pole mount tower lights
- Aluminum housing displays a unique metallic luster that defines a high class product
- Excellent visibility by using a high brightness LED with a special diffusion lens
- Lens maintains a semi-transparent color when not emitting the specific color of the signal under operation
- Steady mode only with fixed user selected color arrangement (can operate flashing mode with External Contact)
- Easy mounting with the bolts/screws located at the bottom of the product
- Standard model and built-in buzzer model can be used by selecting the specifications suitable for the operating environment.

STA45SLM Ø45mm Direct mount, LED Steady

| Model number | Layers | Voltage | Certificates | Weight | Color |
|---|--------|----------------|--------------|--------|--|
| STA45SLM Steady 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)

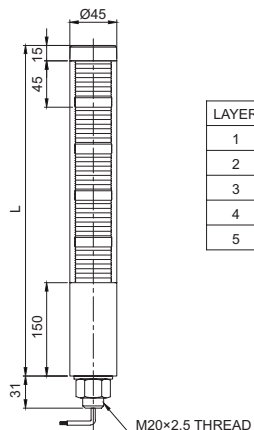
| Voltage | DC12V | DC24V |
|-------------------------------|--------|--------|
| Light source current(1 layer) | 0.100A | 0.050A |
| Buzzer current | 0.040A | 0.075A |

Technical Diagram

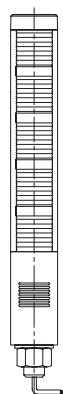
·STA45SLM

·STA45SLM-BZ

Units : mm



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



STA45SLM Series

Customization

- Wall mount bracket options :
Used for mounting on the vertical surface

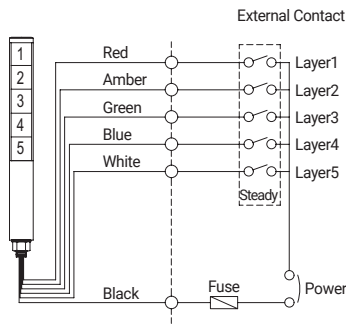


Wiring Instructions

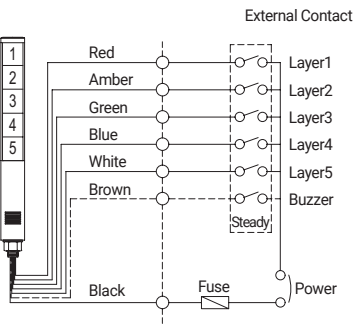
- STA25SLM, STA35SL, STA35SLM and STA45SLM can be wired by using both External Contact and transistor.
- In case of wiring by transistor, please make sure if it is NPN type or PNP type. Please carefully follow wiring instructions below.

External Contact

·STA25SLM-DC
·STA35SL-DC / STA35SLM-DC



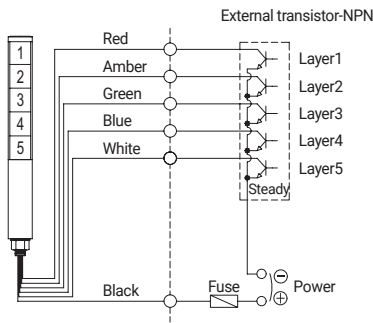
·STA45SLM / ST45SLMP-DC



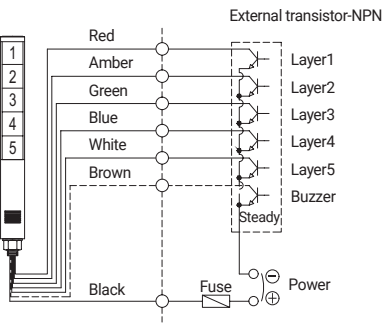
Transistor(I/O)

·STA25SLM-DC
·STA35SL-DC / STA35SLM-DC

NPN
Transistor

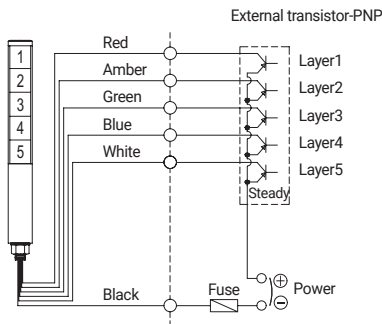


·STA45SLM / ST45SLMP-DC

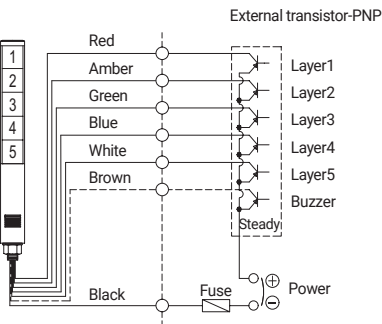


·STA25SLM-DC
·STA35SL-DC / STA35SLM-DC

PNP
Transistor



·STA45SLM / ST45SLMP-DC



Wiring Instructions

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

Transistor Rating

| Model number | NPN or PNP |
|----------------------|------------------|
| Withstanding voltage | $V_c \geq 35V$ |
| Current | $I_c \geq 300mA$ |
| Leakage current | $0.1mA \geq I_L$ |