

STA35SLM

## PRODUCT SPECIFICATION

STA35SLM

**Materials** Lens-AS, Housing-Al

**Ambient operating temperature** -30°C to +50°C

**Protection rating** IP44

- Ø35mm direct mount tower lights
- Aesthetically pleasing design with aluminum housing
- Fixed layer designs provides superior durability
- 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

### STA35SLM Ø35mm Direct mount, LED Steady

| Model number    | Layers | Voltage        | Certificates | Weight | Color  |
|-----------------|--------|----------------|--------------|--------|--|
| STA35SLM Steady | 1      | DC12V<br>DC24V | CE           | 0.38kg | R-Red  |
|                 | 2      | DC12V<br>DC24V |              | 0.40kg | R-Red<br>G-Green                                 |
|                 | 3      | DC12V<br>DC24V |              | 0.42kg | R-Red<br>A-Amber<br>G-Green                      |
|                 | 4      | DC12V<br>DC24V |              | 0.45kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue            |
|                 | 5      | DC12V<br>DC24V |              | 0.48kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue<br>W-White |

※ CE Compliant: DC24V

### Light source current(based on 1 layer)

| Voltage                       | DC12V | DC24V |
|-------------------------------|-------|-------|
| Light source current(1 layer) | 100mA | 50mA  |

### Customization

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



Wall mount bracket  
STAWB25

### Ordering Specifications

|                |   |  |   |                      |   |  |
|----------------|---|--|---|----------------------|---|--|
| STA35SLM       | - | 3  | - | 24                   | - | RAG  |
| [Model number] |   | [Layers]   |   | [Voltage]            |   | [Color]  |
| STA35SLM       |   | 1-1 Layers<br>2-2 Layers<br>3-3 Layers<br>4-4 Layers<br>5-5 Layers |   | 12-DC12V<br>24-DC24V |   | R-Red<br>A-Amber<br>G-Green<br>B-Blue<br>W-White |

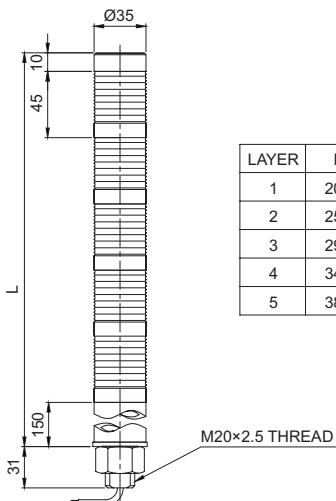
### Wiring Instructions

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

### Technical Diagram

Units : mm

·STA35SLM



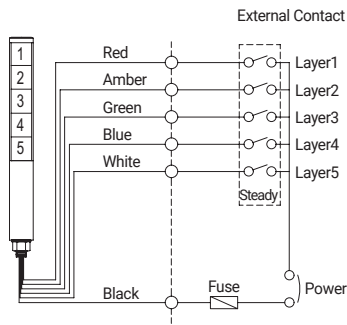
| LAYER | L   |
|-------|-----|
| 1     | 205 |
| 2     | 250 |
| 3     | 295 |
| 4     | 340 |
| 5     | 385 |

Wiring Instructions

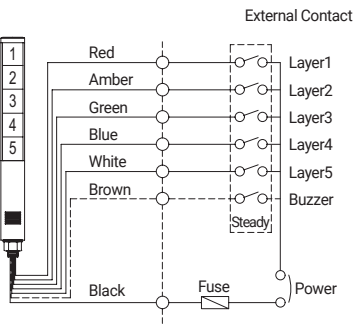
- STA25SLM, STA35SL, STA35SLM and STA45SLM can be wired by using both External Contact and transistor.
- In case of wiring by transistor, please make sure if it is NPN type or PNP type. Please carefully follow wiring instructions below.

External Contact

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



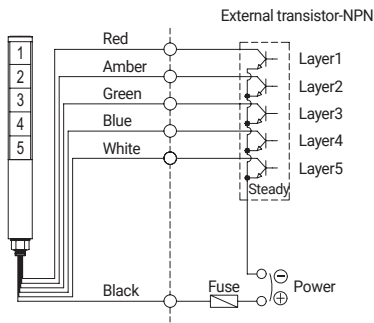
·STA45SLM / ST45SLMP-DC



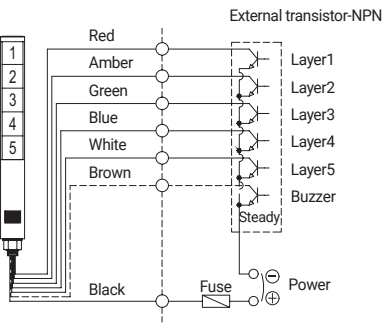
Transistor(I/O)

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

NPN  
Transistor

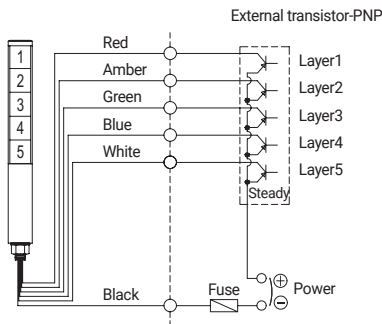


·STA45SLM / ST45SLMP-DC

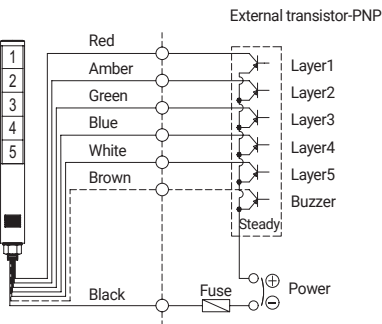


·STA25SLM-DC  
·STA35SL-DC / STA35SLM-DC

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      | $0.1mA \geq I_L$ |