

# STC45L

## Ø45mm Multiple Color LED Steady/Flashing Tower Lights



- STC45L** LED Steady  
**STC45L-BZ** Built-in Buzzer LED Steady  
**STC45LF** LED Steady/Flashing  
**STC45LF-BZ** Built-in Buzzer LED Steady/Flashing



STC45L series



Built-in buzzer output holes formed on the housing of the product.



### Mounting Bracket

| Standard | LB18  | LW18 | QZ18  |
|----------|-------|------|-------|
|          |       |      |       |
| Steel    | Steel | PC   | PC    |
| SZ18     | QL18  | SL18 | QLA18 |
|          |       |      |       |
| Al       | PC    | Al   | PC    |

※ Please refer to page 190-195 for detailed dimensions.



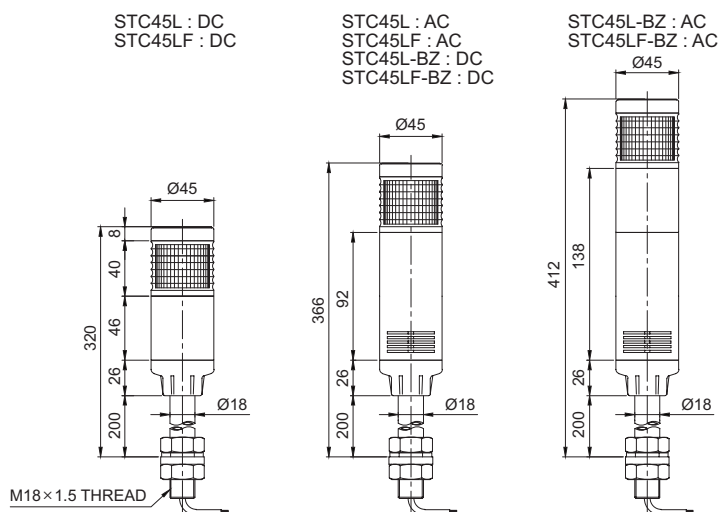
## STC45L Ø45mm Pole Mount, Multiple Color LED Steady/Flashing

| Model number                                 | Layers | Voltage                                  | Current                              | Certificates     | Weight | Color                             |
|----------------------------------------------|--------|------------------------------------------|--------------------------------------|------------------|--------|-----------------------------------|
| STC45L<br>STC45L-BZ<br>STC45LF<br>STC45LF-BZ | 2      | AC/DC12V<br>AC/DC24V<br>AC110V<br>AC220V | 0.111A<br>0.100A<br>0.028A<br>0.014A | CE<br>DC24V only | 0.33kg | • R-Red<br>• G-Green              |
|                                              | 3      | AC/DC12V<br>AC/DC24V<br>AC110V<br>AC220V | 0.111A<br>0.100A<br>0.028A<br>0.014A |                  | 0.47kg | • R-Red<br>• A-Amber<br>• G-Green |



### Technical Diagram

(Units : mm)



### Wiring Instructions

- External power line : UL1015 AWG18(0.75sq)×2C 400mm
- External signal line : UL1007 AWG22(0.3sq) 400mm

※ Please refer to page 36 for detailed wiring instructions.



### Customization

- 2 buzzer sound types : Both prolonged (beep, beep) and staccato (beep, beep, beep) buzzer output available
- Customized pole length available



### Ordering Specification

| STC45L                                               | 3                            | 24                                                       | RAG                               | LW18                                                                                                             |
|------------------------------------------------------|------------------------------|----------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------|
| [Model number]                                       | [Layers]                     | [Voltage]                                                | [Color]                           | [Mounting bracket]                                                                                               |
| • STC45L<br>• STC45L-BZ<br>• STC45LF<br>• STC45LF-BZ | • 2-2 Colors<br>• 3-3 Colors | • 12-DC12V<br>• 24-DC24V<br>• 110-AC110V<br>• 220-AC220V | • R-Red<br>• A-Amber<br>• G-Green | • None<br>• -Standard<br>• Bracket<br>• -LB18<br>• -LW18<br>• -QZ18<br>• -SZ18<br>• -QL18<br>• -SL18<br>• -QLA18 |

# STC series

## Multiple Color LED Steady/Flashing Tower Lights



### Wiring Instructions

- STC series 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 instruction below.
- Product can be wired regardless of polarity.

|                    | External Contact                                                                                  | Transistor                                                                                                                      |
|--------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| DC Steady          | <p>STC45ML/ STC45L-DC<br/>STC56ML/ STC56L/ STC56MEL/ STC56EL-DC</p> <p>EXTERNAL CONTACT</p>       | <p>STC45ML/ STC45L-DC<br/>STC56ML/ STC56L/ STC56MEL/ STC56EL-DC</p> <p>EXTERNAL TRANSISTOR-NPN      EXTERNAL TRANSISTOR-PNP</p> |
| DC Steady/Flashing | <p>STC45MLF/ STC45LF-DC<br/>STC56MLF/ STC56LF/ STC56MELF/ STC56ELF-DC</p> <p>EXTERNAL CONTACT</p> | <p>STC45MLF/ STC45LF-DC<br/>STC56MLF/ STC56LF/ STC56MELF/ STC56ELF-DC</p> <p>EXTERNAL TRANSISTOR-PNP</p>                        |
| AC Steady          | <p>STC45ML/ STC45L-AC<br/>STC56ML/ STC56L/ STC56MEL/ STC56EL-AC</p> <p>EXTERNAL CONTACT</p>       |                                                                                                                                 |
| AC Steady/Flashing | <p>STC45MLF/ STC45LF-AC<br/>STC56MLF/ STC56LF/ STC56MELF/ STC56ELF-AC</p> <p>EXTERNAL CONTACT</p> | <p>STC45MLF/ STC45LF-AC<br/>STC56MLF/ STC56LF/ STC56MELF/ STC56ELF-AC</p> <p>EXTERNAL TRANSISTOR-PNP</p>                        |

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