

STC45ML

Ø45mm Multiple Color LED Steady/Flashing Tower Lights

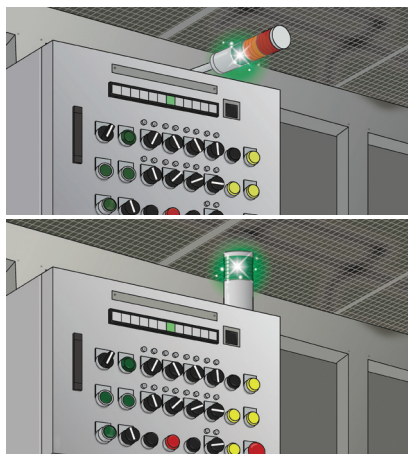


STC45ML	LED Steady
STC45ML-BZ	Built-in Buzzer LED Steady
STC45MLF	LED Steady/Flashing
STC45MLF-BZ	Built-in Buzzer LED Steady/Flashing



STC45ML series

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



Multiple color 1 layer LED tower lights

Can deliver two to three signals with one layer. Suitable for application condition with height limit.



Wiring Instructions

- External power line standard :
UL1015 AWG18(0.75sq)×2C 400mm
 - Signal line standard :
UL1007 AWG22(0.3sq) 400mm
- ※ Please refer to page 271 for detailed Wiring Instructions.



Common Specifications(STC45/ STC56/ STC80)

- Economical tower light model that can deliver two to three signals with one layer
- Long product lifetime of over 20,000 hours with the application of a high intensity multiple color LED light source
- Can select from size of Ø45mm, Ø56mm, and Ø80mm to fit your sophisticated application needs
- A variety of mounting bracket selections for the pole mount type to fit your location and mounting needs
- Built-in buzzer type available (Volume : Max 90dB at 1m)
- Customized 2 buzzer sound type available
- Flashing rate : 60-80 flashes/min
- Materials : Lens-AS, Housing-ABS, Pole-Al
- Ambient operating temperature : -30°C to +60°C
- Protection rating : Standard type-IP44, Built-in buzzer type-IP23
- Certificates : CE Compliant
- Compliant with RoHS directive



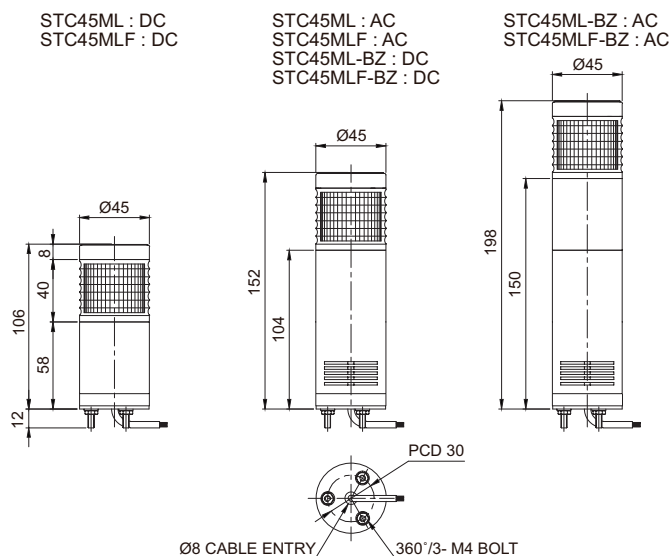
STC45ML Ø45mm Direct Mount, Multiple Color LED Steady/Flashing

Model number	Layers	Voltage	Current	Certificates	Weight	Color
STC45ML	2	AC/DC12V	0.111A	CE	0.19kg	• R-Red
STC45ML-BZ		AC/DC24V	0.100A		0.19kg	• G-Green
STC45MLF	3	AC110V	0.028A	-	0.32kg	• R-Red
STC45MLF-BZ		AC220V	0.014A		0.32kg	• A-Amber • G-Green



Technical Diagram

(Units : mm)



Customization

- Customized color arrangement available
- 2 buzzer sound types : Both prolonged (beep, beep) and staccato (beep, beep, beep) buzzer output available
- Wall mount bracket options : Bracket structure allows for threading through the bracket hole or into the wall



Wall Mount Bracket
TWS45

Wall Mount Bracket
TWA45



Ordering Specification

STC45ML	-	3	-	220	-	RAG
[Model number]		[Layers]		[Voltage]		[Color]
STC45ML		2-2 Colors		12-DC12V		• R-Red
STC45ML-BZ		3-3 Colors		24-DC24V		• A-Amber
STC45MLF				110-AC110V		• G-Green
STC45MLF-BZ				220-AC220V		



Warning/
Signal/
Stackable



Signal &
Electric Horn/
Speakers



Vessels and
Heavy-Duty
Equipment



Explosion
Proof



Warning
Light Bar



Aviation
Obstruction
Lights



Signal Tower
Lights



USB/ETN
Signal Tower
Lights



Electric Horn/
Speakers



Industrial
LED Lights

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	STC45ML/ STC45L-DC STC56ML/ STC56L/ STC56MEL/ STC56EL-DC STC80ML/ STC80L/ STC80MEL/ STC80EL-DC EXTERNAL CONTACT	STC45ML/ STC45L-DC STC56ML/ STC56L/ STC56MEL/ STC56EL-DC STC80ML/ STC80L/ STC80MEL/ STC80EL-DC EXTERNAL TRANSISTOR-NPN EXTERNAL TRANSISTOR-PNP
DC Steady/Flashing	STC45MLF/ STC45LF-DC STC56MLF/ STC56LF/ STC56MELF/ STC56ELF-DC STC80MLF/ STC80LF/ STC80MELF/ STC80ELF-DC EXTERNAL CONTACT	STC45MLF/ STC45LF-DC STC56MLF/ STC56LF/ STC56MELF/ STC56ELF-DC STC80MLF/ STC80LF/ STC80MELF/ STC80ELF-DC EXTERNAL TRANSISTOR-PNP
AC Steady	STC45ML/ STC45L-AC STC56ML/ STC56L/ STC56MEL/ STC56EL-AC STC80ML/ STC80L/ STC80MEL/ STC80EL-AC EXTERNAL CONTACT	
AC Steady/Flashing	STC45MLF/ STC45LF-AC STC56MLF/ STC56LF/ STC56MELF/ STC56ELF-AC STC80MLF/ STC80LF/ STC80MELF/ STC80ELF-AC EXTERNAL CONTACT	STC45MLF/ STC45LF-AC STC56MLF/ STC56LF/ STC56MELF/ STC56ELF-AC STC80MLF/ STC80LF/ STC80MELF/ STC80ELF-AC EXTERNAL TRANSISTOR-PNP

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

