

# STC80ML

## Ø80mm Multiple Color LED Steady/Flashing Tower Lights



- STC80ML** LED Steady
- STC80ML-BZ** Built-in Buzzer LED Steady
- STC80MLF** LED Steady/Flashing
- STC80MLF-BZ** Built-in Buzzer LED Steady/Flashing

### **STC80ML** Ø80mm Direct Mount, Multiple Color LED Steady/Flashing

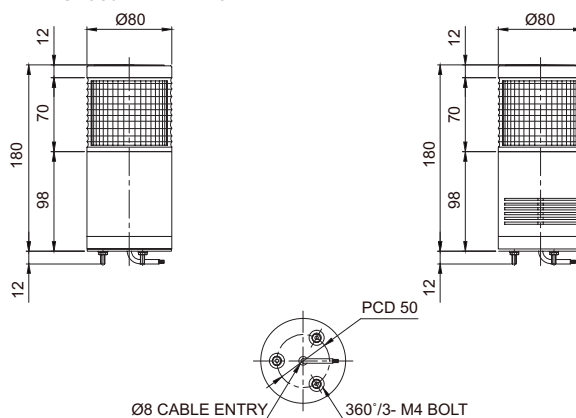
Model number	Layers	Voltage	Current	Certificates	Weight	Color
STC80ML STC80ML-BZ	2	AC/DC12V AC/DC24V AC110V AC220V	0.333A 0.277A 0.073A 0.036A	CE DC24V only	0.40kg	● R-Red ● G-Green
STC80MLF STC80MLF-BZ	3	AC/DC12V AC/DC24V AC110V AC220V	0.277A 0.188A 0.057A 0.028A		0.60kg	● R-Red ● A-Amber ● G-Green

### **Technical Diagram** (Units : mm)



**STC80ML series**

STC80ML : AC/DC  
STC80MLF : AC/DC  
STC80ML-BZ : DC  
STC80MLF-BZ : DC



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



**40mm lens height**  
Standard height of lens is 70mm. 40mm lens can optionally be provided.  
(Model number : STC80MEL)



### **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.

### **Customization**

- Customized color arrangement available
- 2 buzzer sound types : Both prolonged (beep, beep) and staccato (beep, beep, beep) buzzer output available
- 40mm lens height (Model number : STC80MEL)
- Wall mount bracket options : Bracket structure allows for threading through the bracket hole or into the wall



### **Ordering Specification**

<b>STC80ML</b>	-	<b>3</b>	-	<b>220</b>	-	<b>RAG</b>
[Model number]		[Layers]		[Voltage]		[Color]
• STC80ML • STC80ML-BZ • STC80MLF • STC80MLF-BZ		• 2-2 Colors • 3-3 Colors		• 12-DC12V • 24-DC24V • 110-AC110V • 220-AC220V		● R-Red ● A-Amber ● G-Green



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

- 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



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  
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Electric Horn/  
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