

# Ø80mm Multiple Color LED Steady/Flashing Tower Lights

## STC80ML



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

Model number	Colors	Voltage	Certificates	Weight	Color
STC80ML Steady STC80ML-BZ Steady w/built-in buzzer	2	DC12V DC24V AC110V AC220V	CE	0.40kg	R-Red G-Green
STC80MLF Steady/Flashing STC80MLF-BZ Steady/Flashing w/ built-in buzzer		DC12V DC24V AC110V AC220V			R-Red A-Amber G-Green

※ CE Compliant: DC24V



STC80ML Series

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



### Light source/buzzer current(Each LED module's current)

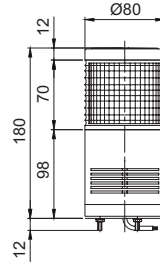
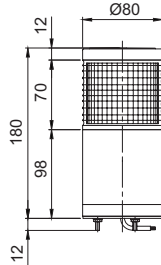
Voltage	DC12V	DC24V	AC110V	AC220V
Light source current	0.310A	0.250A	0.060A	0.030A
Buzzer current	0.040A	0.075A	0.045A	0.025A

### Technical Diagram

Units : mm

·STC80ML-AC/DC  
·STC80MLF-AC/DC

·STC80ML-BZ-AC  
·STC80MLF-BZ-DC



### Wiring Instructions

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

### Customization

- Available in customized color arrangements
- M12 connector attached type
- 2 buzzer sound types : Both prolonged(beep, beep) and staccato(beep, beep, beep) buzzer output available
- Lens length 40mm(Model number: STC56MEL)
- Wall mount bracket options : Bracket structure allows for threading through the bracket hole or into the wall



### Ordering Specifications

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

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



# Ø80mm Multiple Color LED Steady/Flashing Tower Lights

## STC80L



STC80L Series

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



### Wiring Instructions

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

### Customization

- 2 buzzer sound types :  
Both prolonged(beep, beep) and staccato(beep, beep, beep) buzzer output available
- Available in customized color arrangements
- M12 connector attached type
- Customized pole length available
- Lens length 40mm  
(Model number: STC80EL)

40mm lens height  
Standard height of lens is 70mm. 40mm lens can optionally be provided.  
(Model number: STC80EL)



### STC80L Ø80mm Pole Mount, Multiple Color LED Steady/Flashing

Model number	Colors	Voltage	Certificates	Weight	Color
STC80L Steady	2	DC12V	CE	0.64kg	<div style="display: flex; justify-content: space-around;"> <span style="color: red;">●</span> R-Red</div> <div style="display: flex; justify-content: space-around;"> <span style="color: green;">●</span> G-Green                 </div>
STC80L-BZ		DC24V			
Steady w/built-in buzzer		AC110V AC220V			
STC80LF	3	DC12V	CE	0.83kg	<div style="display: flex; justify-content: space-around;"> <span style="color: red;">●</span> R-Red                 </div> <div style="display: flex; justify-content: space-around;"> <span style="color: yellow;">●</span> A-Amber                 </div> <div style="display: flex; justify-content: space-around;"> <span style="color: green;">●</span> G-Green                 </div>
Steady/Flashing		DC24V			
STC80LF-BZ		AC110V			
Steady/Flashing w/built-in buzzer		AC220V			

※ CE Compliant: DC24V

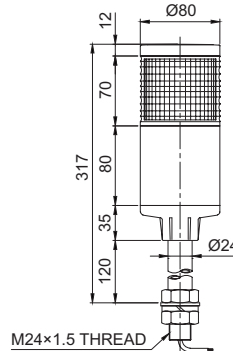
### Light source/buzzer current(Each LED module's current)

Voltage	DC12V	DC24V	AC110V	AC220V
Light source current	0.310A	0.250A	0.060A	0.030A
Buzzer current	0.040A	0.075A	0.045A	0.025A

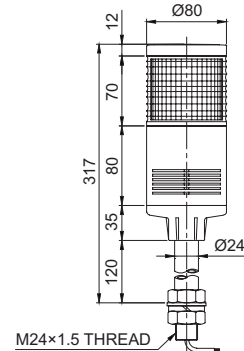
### Technical Diagram

Units : mm

·STC80L-AC/DC  
·STC80LF-AC/DC



·STC80L-BZ-AC  
·STC80LF-BZ-DC



### Mounting bracket

Standard	LB24	LW24	QZ24	SZ24	QL24	SL24
Steel	Steel	ABS	ABS	Al	ABS	Al

※ Please refer to [Tower Light Mounting bracket] on this catalogue for detailed dimensions

### Ordering Specifications

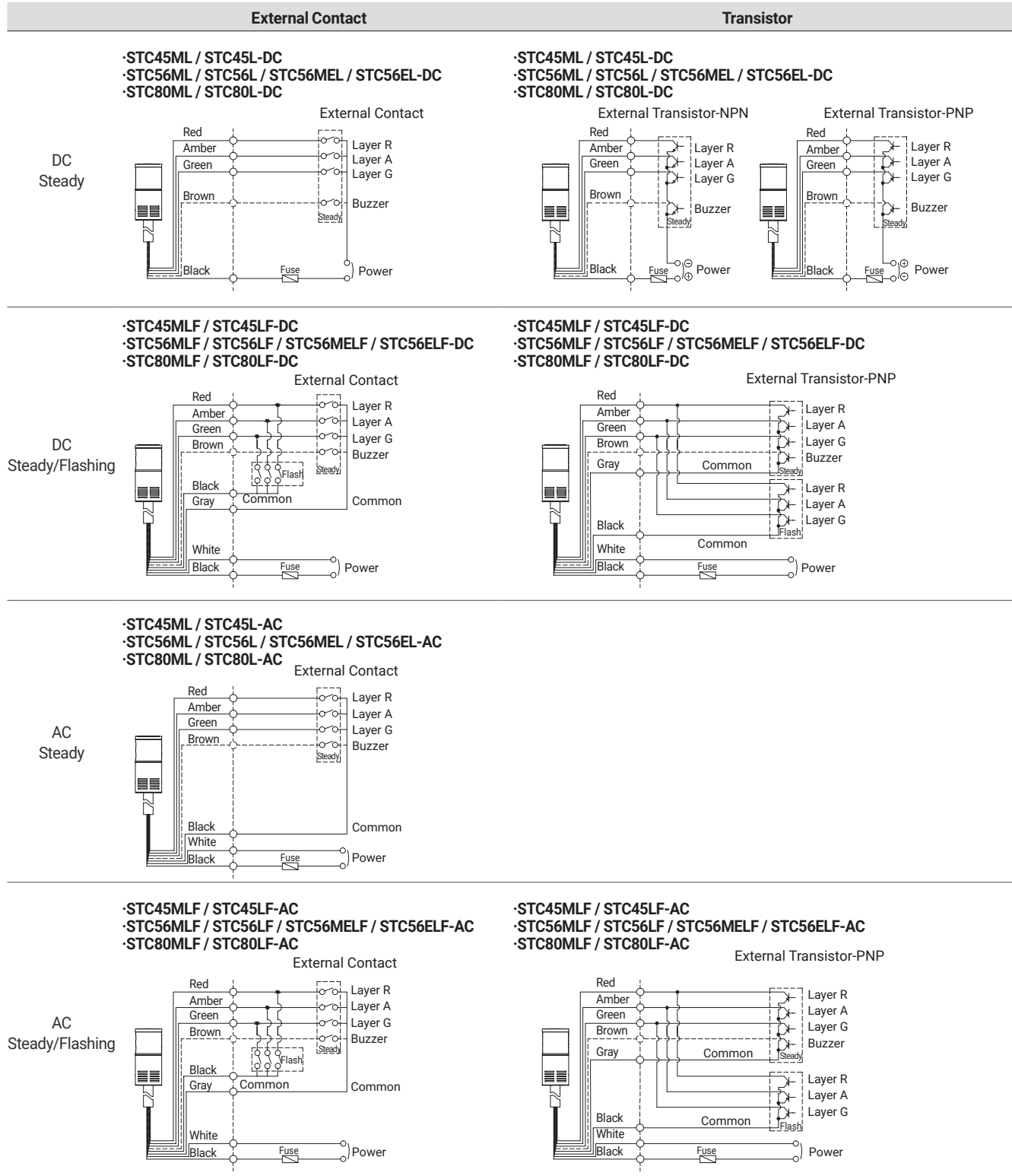
STC80L	3	220	RAG	LW24
[Model number]	[Colors]	[Voltage]	[Color]	[Bracket]
STC80L	2-2 Colors	12-DC12V	● R-Red	· None-Standard
STC80L-BZ	3-3 Colors	24-DC24V	● A-Amber	· Bracket
STC80LF		110-AC110V	● G-Green	-LB24 -LW24
STC80LF-BZ		220-AC220V		-QZ24 -SZ24
				-QL24 -SL24

# Multiple Color LED Steady/Flashing Tower Lights

## STC Series

### 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.



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