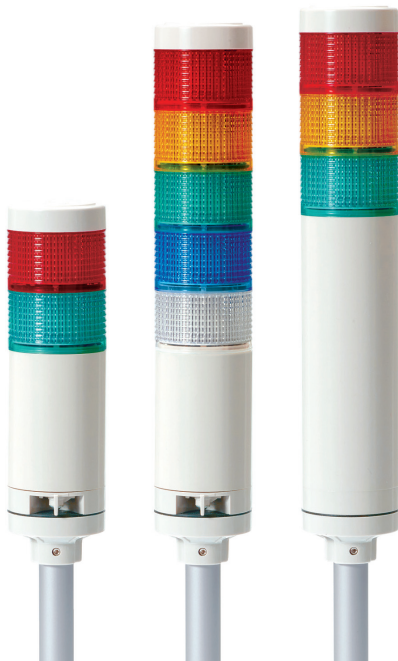


Ø50mm LED Steady/Flashing Tower Lights

STG50L



STG50L Series

Buzzer model has a lever mounted at the bottom of the product to adjust the volume depending on the specific working conditions. (BZ type)



Customization

- Customized pole length available
- DC24V voltage UL listed product
- M12 connector type: Standard entry cable included. Can customize the product with the M12 connector if requested (Female M12 connector is not provided)

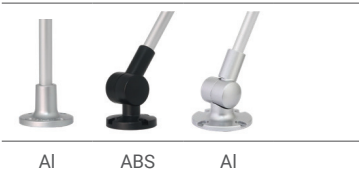
Mounting bracket

Standard LB18 LW18 QZ18



Steel Steel ABS ABS

SZ18 QL18 SL18



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

STG50L Ø50mm Pole mount, LED Steady/Flashing

Model number	Layers	Voltage	Certificates	Weight	Color
STG50L	1	DC12V	CE UL	0.29kg	● R-Red
		DC24V		0.29kg	
Steady	2	AC110V-220V		0.36kg	● R-Red ● G-Green
		DC12V		0.32kg	
STG50L-BZ	3	DC24V		0.32kg	● R-Red ● A-Amber ● G-Green
		AC110V-220V		0.39kg	
Steady w/built-in buzzer	4	DC12V		0.35kg	● R-Red ● A-Amber ● G-Green ● B-Blue
		DC24V		0.35kg	
STG50LF	5	AC110V-220V		0.42kg	● R-Red ● A-Amber ● G-Green ● B-Blue ○ W-White
		DC12V		0.38kg	
Steady/Flashing	4	DC24V		0.38kg	
		AC110V-220V		0.45kg	
STG50LF-BZ	5	DC12V		0.41kg	
		DC24V		0.41kg	
Steady/Flashing w/built-in buzzer	5	AC110V-220V		0.48kg	
		DC12V		0.48kg	

※ AC type model has a free-voltage range of 100V-240V.

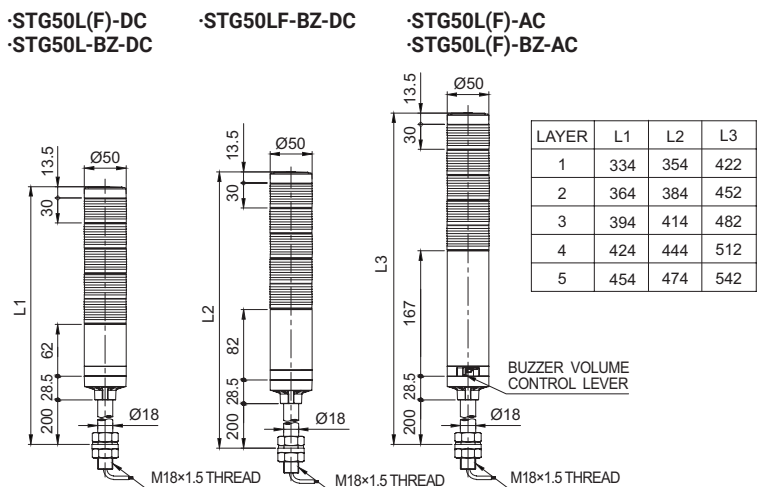
※ CE compliant: DC12, DC24V, UL Listed: DC24V

Light source/buzzer current(based on 1 layer)

Voltage	DC12V	DC24V	AC110V-220V
Light source current(1 layer)	55mA	50mA	Max.40mA
Buzzer current	40mA	75mA	Max.60mA

Technical Diagram

Units : mm



Wiring Instructions

- External power line - UL1015 AWG18(0.75sq) x 2C 400mm
- External signal line - UL1007 AWG22(0.3sq) 400mm
- LED tower light can be wired by using transistor and External Contact

Ordering Specifications

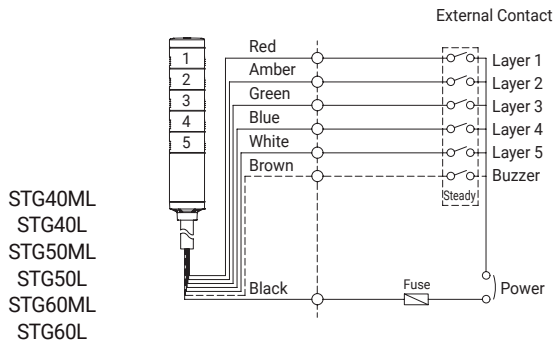
STG50L	3	24	RAG	LW18
[Model number]	[Layers]	[Voltage]	[Color]	[Bracket]
STG50ML	1-1 Layer	12-DC12V	● R-Red	· None-Standard
STG50ML-BZ	2-2 Layers	24-DC24V	● A-Amber	· Bracket
STG50MLF	3-3 Layers	110/220-AC110V-220V	● G-Green	-LB18 -LW18
STG50MLF-BZ	4-4 Layers		● B-Blue	-QZ18 -SZ18
STG50L	5-5 Layers		○ W-White	-QL18 -SL18
STG50L-BZ				
STG50LF				
STG50LF-BZ				

Wiring Instructions(using External Contact)

· In case of wiring with External Contacts, refer to the wiring diagrams below according to your product's type and voltage setting.

Wiring Instructions

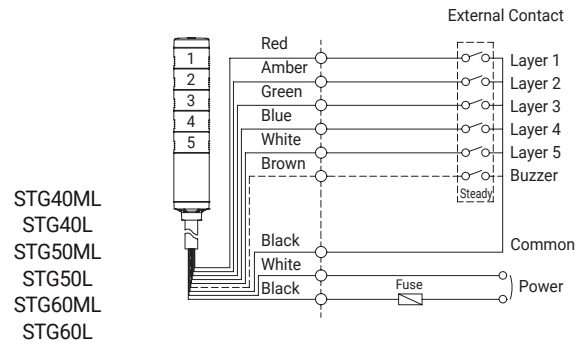
DC Steady



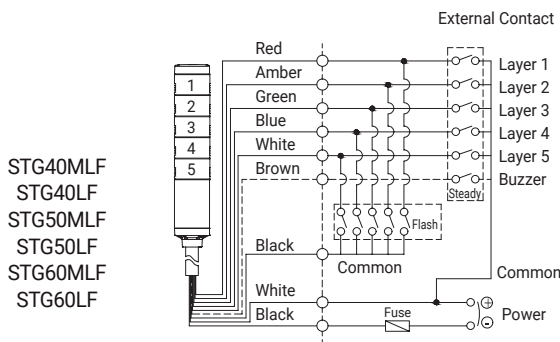
- STG □□ (M)L - Buzzer same wiring instruction
- STG □□ L
 - └ Lens diameter 40(40mm): STG40(M)L
 - 50(50mm): STG50(M)L
 - 60(60mm): STG60(M)L

Wiring Instructions

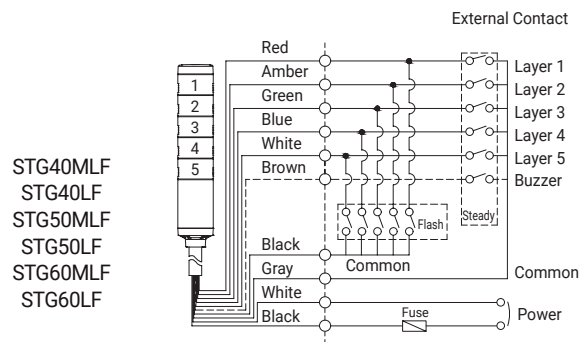
AC Steady



- STG □□ (M)L - Buzzer same wiring instruction
- STG □□ L
 - └ Lens diameter 40(40mm): STG40(M)L
 - 50(50mm): STG50(M)L
 - 60(60mm): STG60(M)L

DC Steady/
Flashing

- STG □□ (M)LF - Buzzer same wiring instruction
- STG □□ LF
 - └ Lens diameter 40(40mm): STG40(M)LF
 - 50(50mm): STG50(M)LF
 - 60(60mm): STG60(M)LF

AC Steady/
Flashing

- STG □□ (M)LF - Buzzer same wiring instruction
- STG □□ LF
 - └ Lens diameter 40(40mm): STG40(M)LF
 - 50(50mm): STG50(M)LF
 - 60(60mm): STG60(M)LF

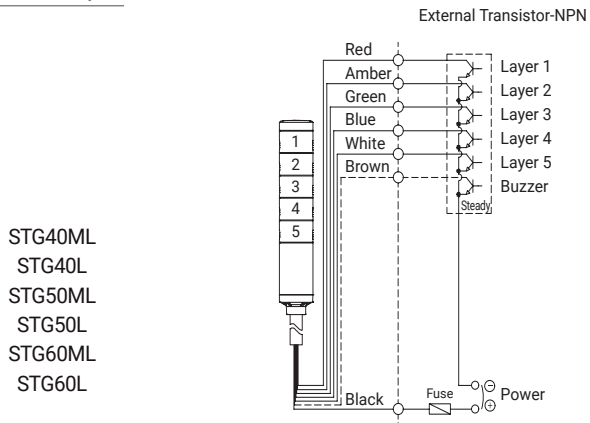
- DC steady type cable specification: External power line/External signal line - UL1007 AWG22(0.3sq) 400mm
- AC steady, AC/DC steady/flashing type cable specification: External power line - UL1015 AWG18(0.75sq) x 2C 400mm
External signal line - UL1007 AWG22(0.3sq) 400mm

Wiring Instructions(using transistor)

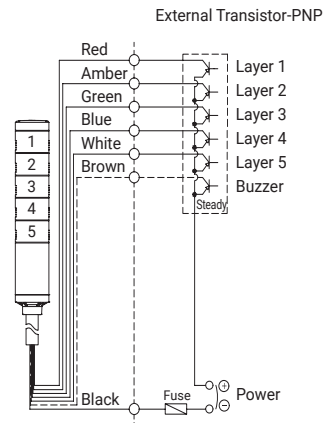
· In case of wiring by transistor, please make sure if it is NPN type or PNP type. Please carefully follow wiring instructions below.

Wiring Instructions

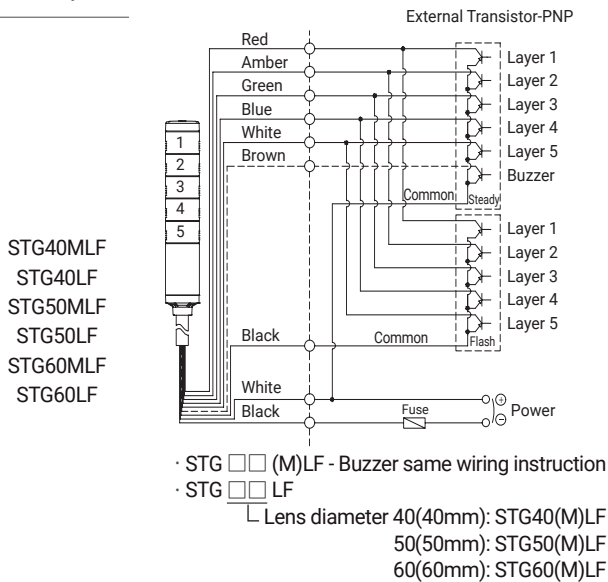
DC Steady



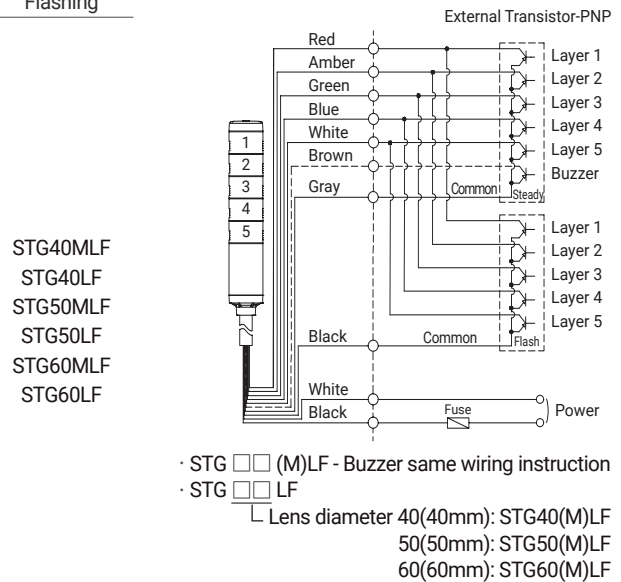
- STG □□ (M)L - Buzzer same wiring instruction
- STG □□ L
 - └ Lens diameter 40(40mm): STG40(M)L
 - 50(50mm): STG50(M)L
 - 60(60mm): STG60(M)L



DC Steady/Flas



- STG □□ (M)LF - Buzzer same wiring instruction
- STG □□ LF
 - └ Lens diameter 40(40mm): STG40(M)LF
 - 50(50mm): STG50(M)LF
 - 60(60mm): STG60(M)LF

AC Steady/
Flashing

- STG □□ (M)LF - Buzzer same wiring instruction
- STG □□ LF
 - └ Lens diameter 40(40mm): STG40(M)LF
 - 50(50mm): STG50(M)LF
 - 60(60mm): STG60(M)LF

- 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