



STL series (Ø40, Ø60, Ø80)

Signal towers with steady/flashing lights and a buzzer, available in various sizes of Ø40, Ø60, and Ø80



h Suffix code

Category	Code					Description
STL	☐	- ☐	☐	☐	☐	Signal tower (LED light source)
Circumference	040					Ø40 Circumferential
	060					Ø60 Circumferential
	080					Ø80 Circumferential
Features	A					Steady lights only
	F					Steady, Flashing, Buzzer (select using external signals)
Power voltage	C51					24 V d.c./a.c. 50 - 60 Hz (compatible)
	A11					100 - 240 V a.c. 50 - 60 Hz
Number of stacks				1		1-stack (Red)
				2		2-stack (Red, Green)
				3		3-stack (Red, Yellow, Green)
				4		4-stack (Red, Yellow, Green, Blue)
				5		5 stacks (Red, Yellow, Green, Blue, White)
Mount option				D		Install directly (using fixing bolts)
				L		L-shaped mount
				M		Plastic mount
Custom specifications				STM		STM (optional mount)
				E		EPM (elbow-type plastic mount)

* The configuration of stacks is in ascending order from the top (stack 1) to the bottom.

Specifications

Model	STL040-□□□□	STL060-□□□□	STL080-□□□□
Circumference	Ø40	Ø60	Ø80
Features	Steady lights only, Steady, Flashing, Buzzer (Select using external signals)		
Number of stacks	1 to 5 stacks		
Flashing rate	60 times/1 min		
Buzzer sound types	Single tone/Interrupted tone (buzzer volume measured at a 1 m distance)		
Buzzer volume	75 dB	85 dB	
Power voltage	24 V d.c. / a.c. (compatible), 100 - 240 V a.c. 50 - 60 Hz		
Power consumption	Approximately 8 W or lower (based on the 5-stack, 1.2 W per stack)		
Light source	LED		
Radial angle	360°		
Lens material	Polycarbonate (P.C)		
Body material	Heat-resistant ABS		
Pipe material	Aluminum		
Lens color	Red, Green, Yellow, Blue, White		
Protection grade	IP54		

■ High-brightness LEDs applied in the same color as the lens

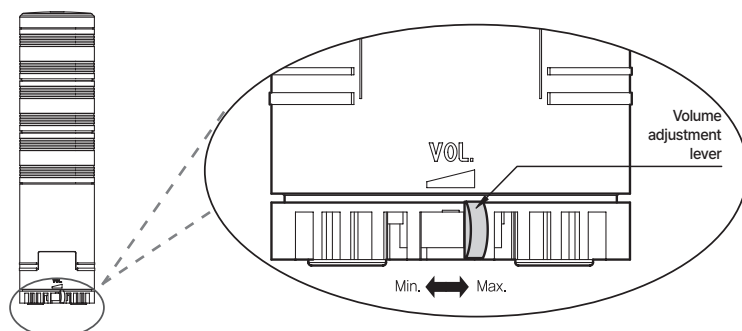
- Red, yellow, green, blue, and white LEDs integrated with the lens to produce vivid colors.

■ Easy color changes

- The LED unit is designed with a connector structure, making color changes and maintenance simple and straightforward.

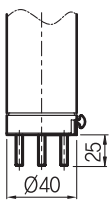
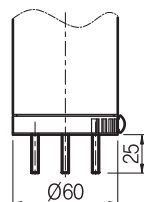
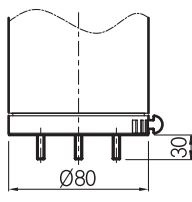
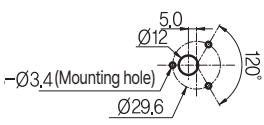
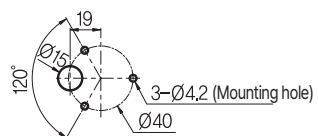
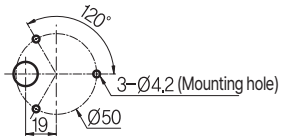
■ Adjusting the buzzer volume

- There is a lever on the bottom of the main body to adjust the volume of the buzzer.



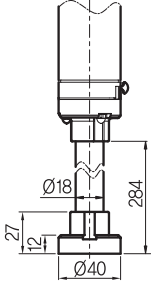
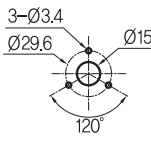
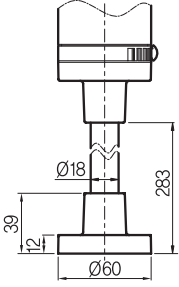
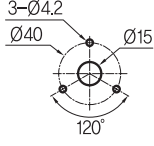
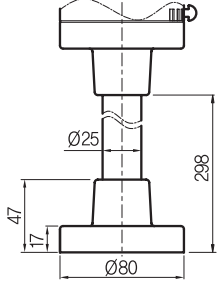
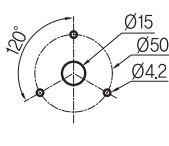
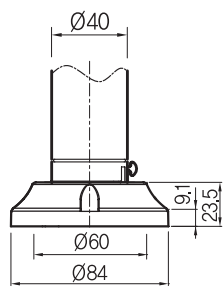
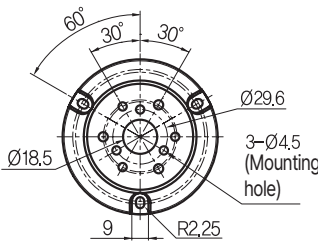
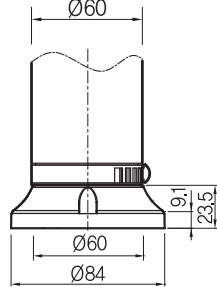
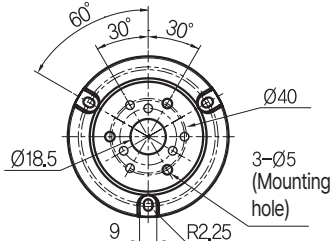
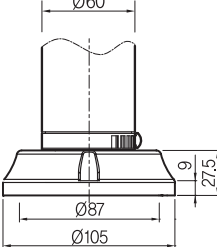
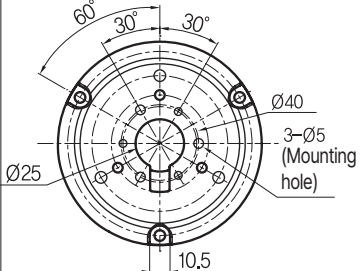
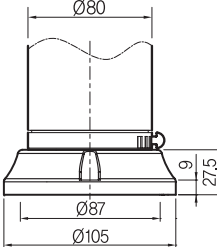
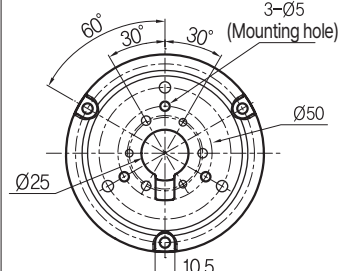
Mount external dimensions and cutout dimensions

[Unit: mm]

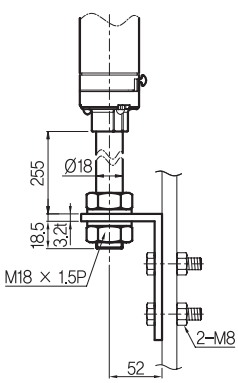
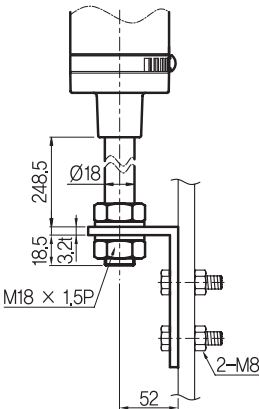
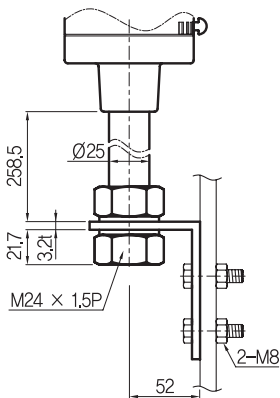
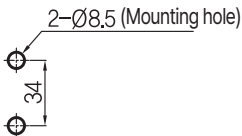
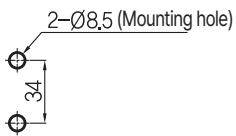
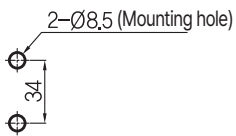
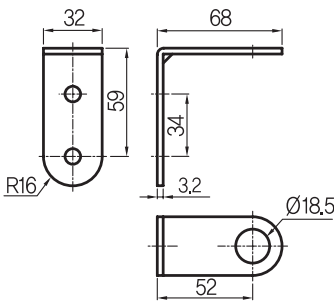
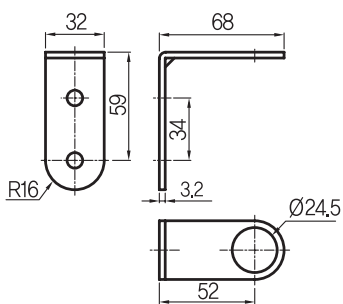
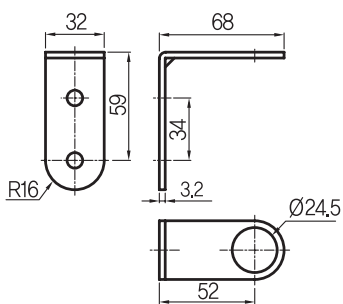
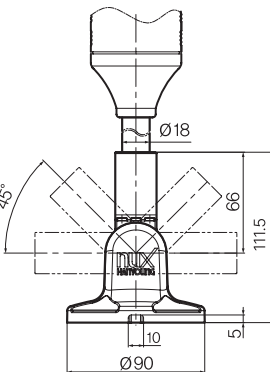
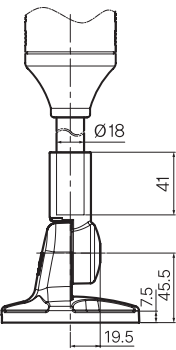
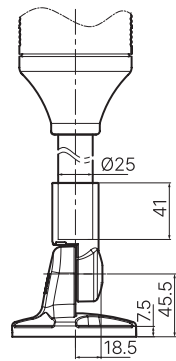
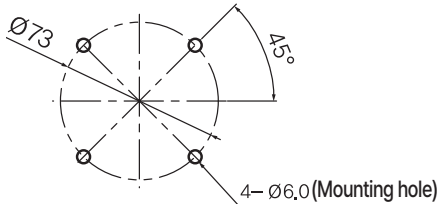
Appearance	STL040-□□□□	STL060-□□□□	STL080-□□□□
 Install directly			
			

Mount external dimensions and cutout dimensions

[Unit: mm]

Appearance	STL040-□□□□	STL060-□□□□	STL080-□□□□
 Plastic Round mount	 	 	 
 STM-84 Mount (optional)	 	 	Not applicable
 STM-105 Mount (optional)	Not applicable	 	 

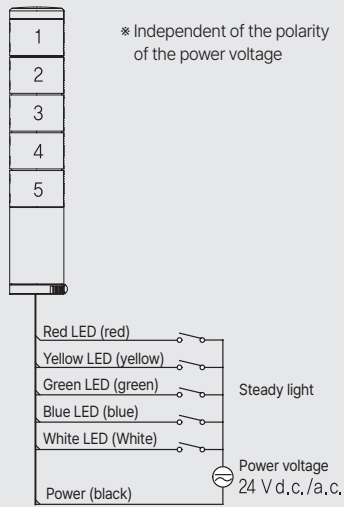
[Unit: mm]

Appearance	STL040-□□□□	STL060-□□□□	STL080-□□□□
 L-shaped mount			
			
			
 EPM Elbow-type mount (optional)			
			

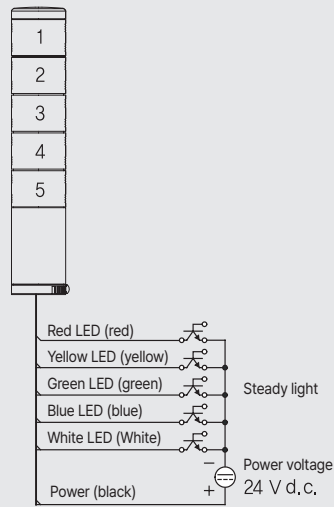
h Connection diagram

■ Steady lights only (STL-040A, STL-060A, STL-080A)

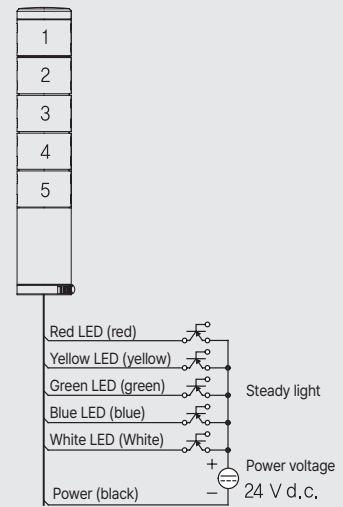
• Relay Drive



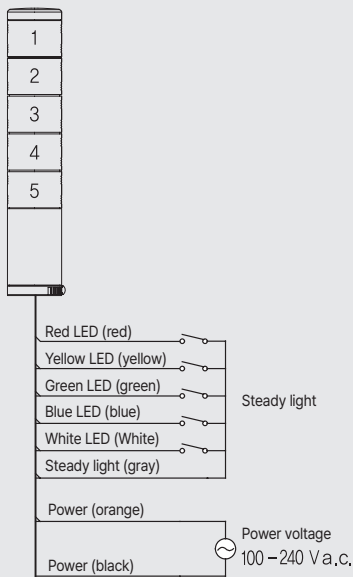
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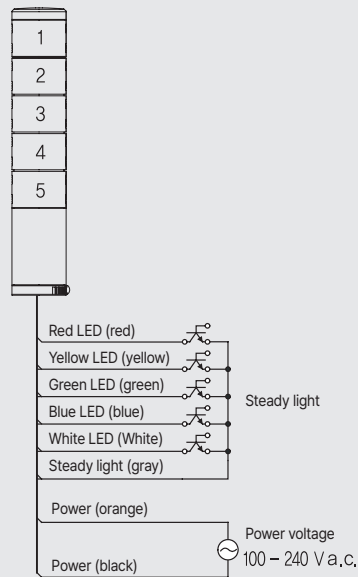
• PNP Transistor Drive



• Relay Drive

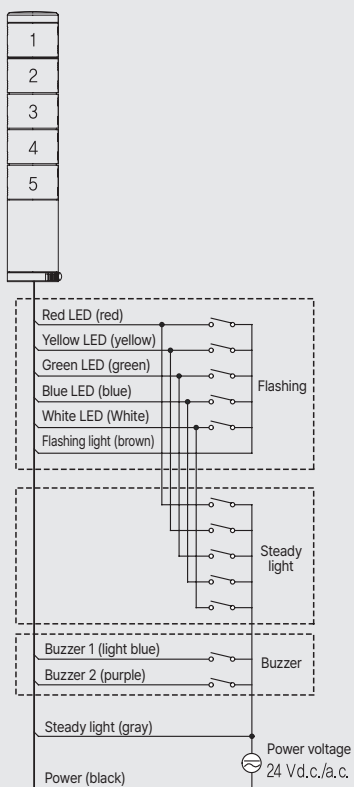


• NPN Transistor Drive

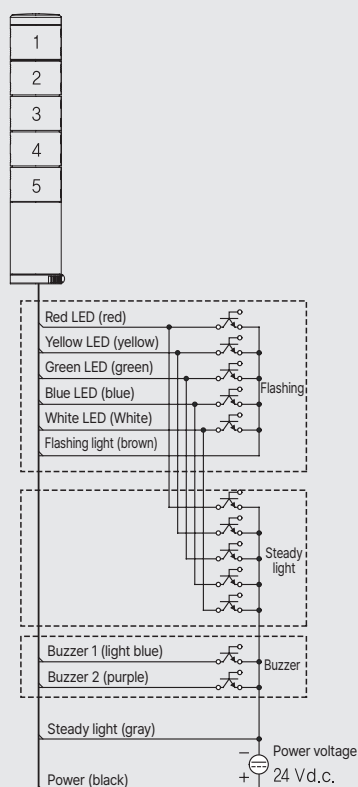


■ Steady, Flashing, Buzzer (STL-040F, STL-060F, STL-080F)

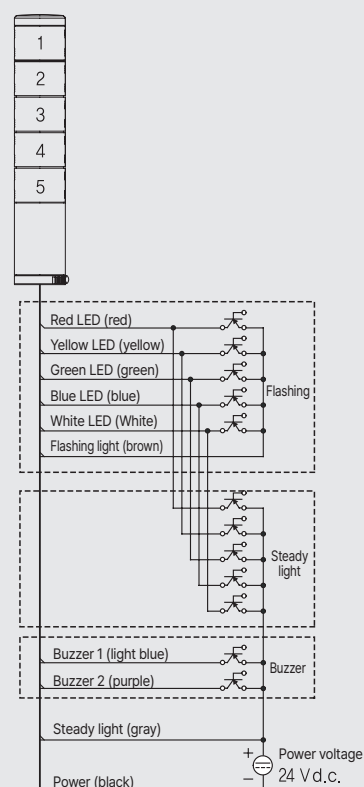
• Relay Drive



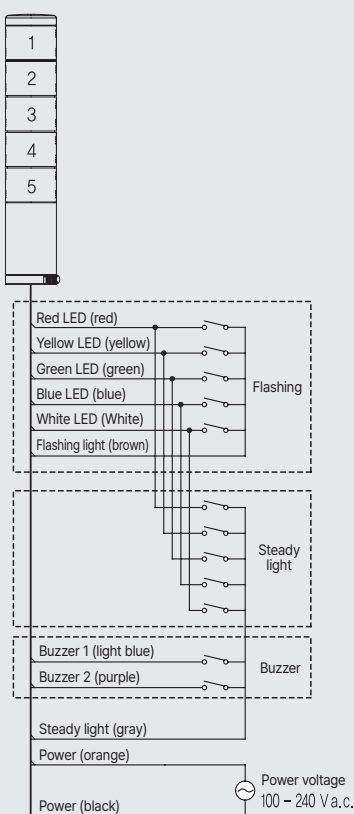
• NPN Transistor Drive



• PNP Transistor Drive



• Relay Drive



• NPN Transistor Drive

