

Modular LED Signal Towers



S	T	S	50	-		-	
Series no.			Diameter	Connection module		Available light colors / modules	
STS			50 mm 70 mm	Standard Plate Pipe/Bolt Angle bracket Hinge		Red Yellow Green Blue White Acoustic Modules Music buzzer, 85 dB Buzzer, white, 85 dB Buzzer, black, 85 dB Buzzer, white, 120 dB Buzzer, black, 120 dB	

Features

- Series: Ø50 mm and Ø70 mm
- 5 different connection modules
- Bright LEDs with a long service life
- 360° visibility – no blind spots
- Modular design – tool-free assembly
- Patented design for high brightness and easy assembly
- Flash rate: 60–80 flashes/min
- Sound pressure level: 85 ± 10 dB or 120 ± 10 dB
- Corrosion-resistant materials
- RoHS compliant
- CE compliant
- Degree of protection: IP54, IP65

(Common) Meaning of the Colors



Red

Dangerous condition – immediate action required



Yellow

Abnormal condition – monitoring or action required



Green

Normal condition – no action required



Blue

Discontinuity – action required



White

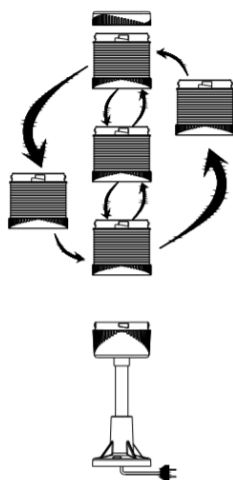
Other condition – freely definable by the user

Max. Power Consumption

LED	0550 series	Red, yellow	0.75 W	Green, blue, white	1 W
	0570 series	Red, yellow	1 W	Green, blue, white	1.2 W
Buzzer	0550 buzzer	Black, white	0.5 W		
	0570 buzzer	Black, white	0.75 W		
	0570 music buzzer	Black, white	12 W		
	0570 120 dB buzzer	Black, white	DC = 5 W	DC < 200 mA	AC < 20 mA

Modular Design

Each light element can be easily inserted or replaced. No tools are required for assembly or replacement.



Easy Assembly

Thanks to the modular design, the individual modules can be assembled quickly and easily. The modules are simply connected to each other and turned until they stop.



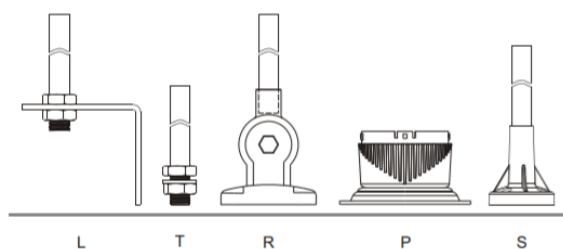
1. Align the lock symbol on the lamp holder with the ▲ mark on the groove. Then turn the holder to the left until the "open lock" symbol is reached. Next, open the top cover of the base.



2. Align the lock symbol on the light module with the ▲ mark on the groove and turn the module to the right until it audibly clicks into place. Assembly is now complete.

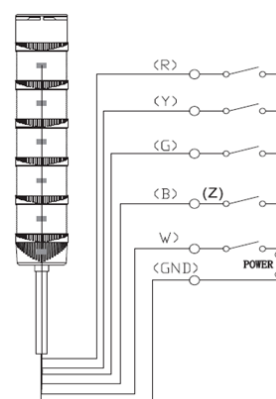
Different Connection Modules

Five different connection modules are available for mounting the modular signal towers.



Easy Connection

Continuous wiring from top to bottom is not required. The electrical connection is looped through from module to module.



Configuring a Modular Signal Tower

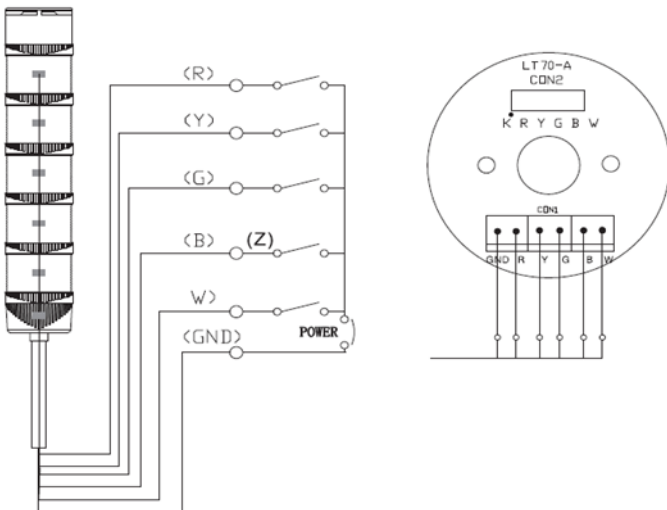
3. Optional: select a buzzer

2. Select the light module(s)

1. Select the connection module



Installation Instructions



Pin Assignment

GND = Ground (green-yellow or black wire)

R = Red (red wire for red light modules)

Y = Yellow (yellow wire for yellow light modules)

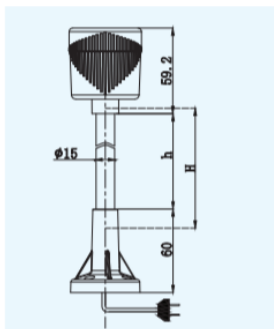
G = Green (green wire for green light modules)

B = Blue (blue wire for blue light modules and/or buzzer with intermittent signal)

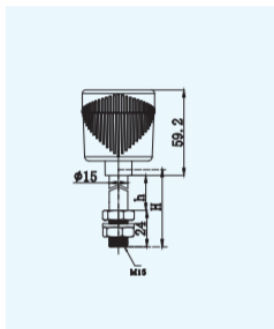
W = White (white wire for white light modules and/or buzzer with continuous tone)

Connection modules for the Ø50 series

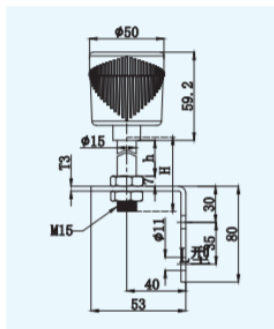
Standard



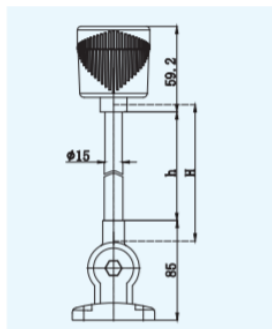
Pipe/Bolt



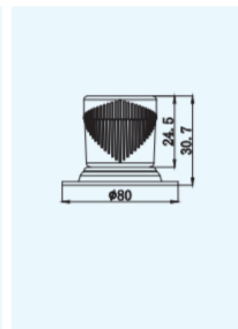
Angle bracket



Hinge

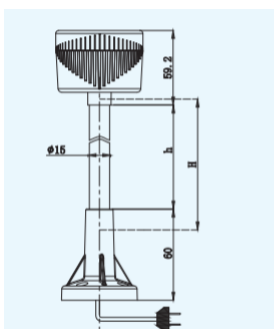


Plate

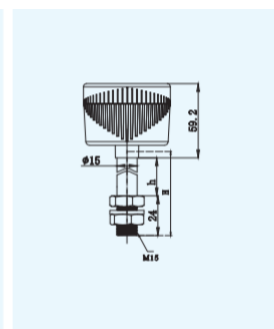


Connection modules for the Ø70 series

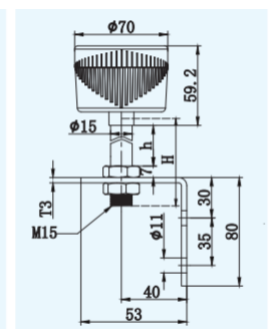
Standard



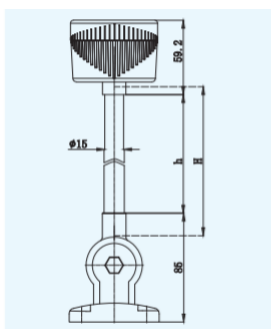
Pipe/Bolt



Angle bracket



Hinge



Plate

