

TL50 DC signal tower lamp 50mm diameter

- Surface light technology, soft light, clear indication, no eye damage
- Compact structure, stylish appearance, double-layer shell, strong and durable
- Unique double-layer honeycomb nest sound hole design, easy to adjust the volume

CHANGE



Model	Shell color		Number of luminous segments	Buzzer alarm	Glow color		Connection method	Supply voltage
TL50	BK	—	S3	PC	R Y G B W	—	LN	24
	BK: black		S1: 1 stage	N: none	From the top of the tower light down, the luminous color of each segment, Support 1~5 segments optional		LN: Scattered	12 : DC 12V
	WT: white		S2: 2 stage	AC: Always sound adjustable			QD: Quick connector with wire	24 : DC 24V
			S3: 3 stage	PC: Intermittently adjustable	R: red	R1: red		
			S4: 4 stage		Y: yellow	Y1: yellow		
			S5: 5 stage		G: green	G1: green		
					B: blue	B1: blue		
					W: white	W1: white		

* The number 1 after the color means flickering,
and no number means it is always on

Specifications

Supply voltage and current:

DC 12V (maximum fluctuation 10%);
DC 24V (maximum fluctuation 10%)
Maximum current per color :
80mA @DC 12V; 40mA @DC 24V
Buzzer alarm maximum current: 25mA

Indication color:

1~5 colors: red, yellow, green, blue, white
Colors can be freely combined;
each segment supports constant light and flashing

Electrical Characteristics:

Non-polar access

Enter response time:

Indicates close/open 10 ms (max.)

Buzzer alarm:

Sound frequency:2.7 KHz ± 500 Hz
Adjustable buzzer alarm sound volume:
70db~90db (1 meter standard distance)

Connection method:

1m long loose wire cable terminated
or 0.3m long cable with M12 quick connector

Operating environment:

No buzzer alarm type ambient temperature:
– 40 ° C to 50 ° C (– 40 ° F to 122 ° F)
Buzzer alarm type ambient temperature:
– 20 ° C to 50 ° C (– 4 ° F to 122 ° F)
Maximum ambient humidity:
95% at 50 ° C (no condensation)

Shell material:

Light Shade: Polycarbonate
Base Cover: ABS (70%) + Polycarbonate (30%)

Protection class:

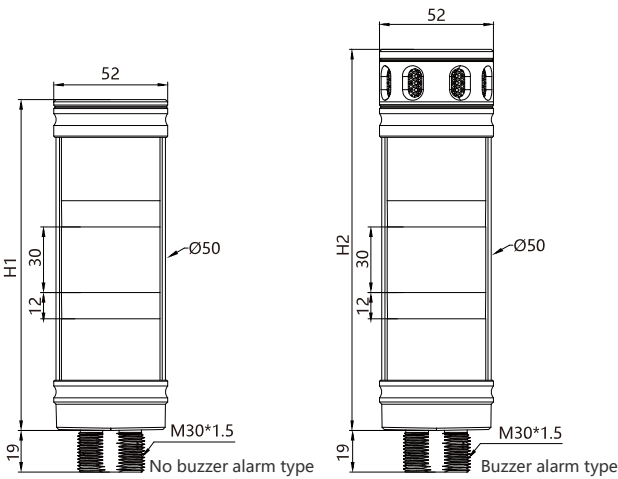
No buzzer alarm type:IEC IP65
Buzzer alarm type:IEC IP53

Certification:



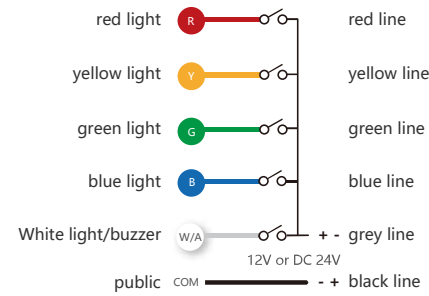
Dimensions

Number of color segments	Signal tower light height H	
	No buzzer alarm H1	Buzzer alarm H2
2	110mm	133mm
3	152mm	175mm
4	194mm	217mm
5	236mm	—



Wiring Diagram

Scattered



Quick connector type

* The lamp body is C1, C2, C3, C4, C5 from top to bottom, of which A is the buzzer

3-stage no buzzer type
3-segment with buzzer
4 segments without buzzer
4-segment with buzzer
5 segments without buzzer

