

LED Sign Tower

STS series

INSTRUCTION MANUAL

Thank you for purchasing HANYOUNG product. please check whether the product is the exactly same as you ordered. before using the product, please read this instruction manual carefully. please keep this manual where you can view at any time.

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HANYOUNG NUX

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Safety information

Before using the product, please read the safety information throughly and use it properly.
Alerts declared in the manual are classified to danger, warning and caution by their criticality

	DANGER	Danger indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury
	WARNING	Warning indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury
	CAUTION	Caution indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury

WARNING

- If the user use the product with methods other than specified by the manufacturer, there may be bodily injuries or property damages.
- If there is a possibility of an accident caused by errors or malfunctions of this product, install external protection circuit to prevent the accident.

CAUTION

- This products is only suitable for indoor use. please keep it away from damp place.
- Please use correct voltage. over voltage woll cause a break down of product.
- Please refer to 'connection diagram' when you wire product. wrong wiring will cause a break down of product.
- Do not pull wire strongly that is outside of product. it will cause a break down of product.
- Big impact on this product will cause a break down of LED units.
- Please do not change parts of product or do not use other product parts.
- End of unsead lead wire must be insulated.
- Contamination by thinner, benzene over lens or top cover will cause a fade in color or transformation in shape.
- Power switch and fuse are not attached to this product. so please install them outside. (fuse rated : 250 V 0.5 A)

Precaution for compliance with UL standards



- For use on a flat surface of a type 1 enclosure recognized by UL.

Suffix code

Model	Suffix Code	Desc ription
STS	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Sign tower steady light
Diameter	040	Ø40 Cylinder type
	060	Ø60 Cylinder type
	080	Ø80 Cylinder type
Power Supply Voltage	C51	24 V d.c./a.c. 50 - 60 Hz
	C41	12 V d.c./a.c. 50 - 60 Hz
Number of stacks	1	1 Light (Red)
	2	2 Light (Red, Green)
	3	3 Light (Red, Yellow, Green)
	4	4 Light (Red, Yellow, Green, Blue)
	5	5 Light (Red, Yellow, Green, Blue, White)
Mount	M	Plastic Round Bracket (Standard Form)
	L	L Type Bracket
Optional		Plastic Elbow Type Bracket (EPM-18, EPM-25)

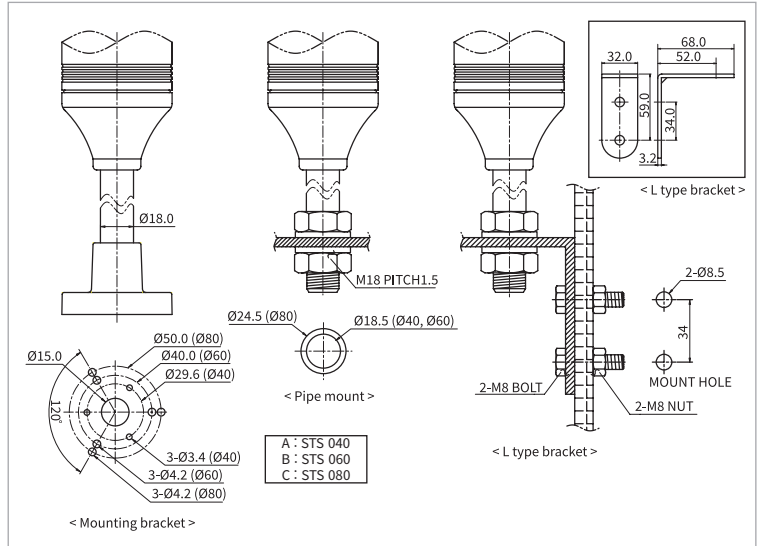
※ If the power supply voltage is 12 V d.c./a.c., this is an order specification.

Specification

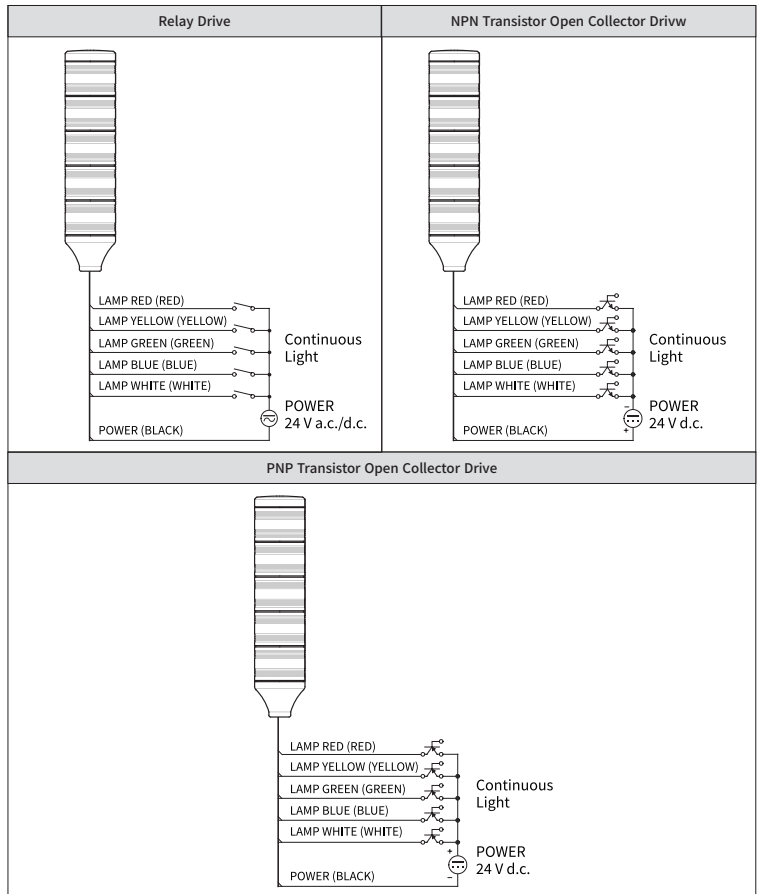
Model	STS040-□□□	STS060-□□□	STS080-□□□
Diameter	Ø40	Ø60	Ø80
Power Voltage	24 V d.c./a.c. 50 - 60 Hz		
Power Consumption	Max 6 W (0.9 W for each stack)		
Light Source	LED		
Light Types	Continuous light		
Lighting Angle	360 °		
Lens Material	Polycarbonate (P.C)		
Body Material	ABS flame retardant		
Pipe Material	Aluminum (Ø18)	Aluminum (Ø 25)	
Wire lenght	700 mm		
Color	Red, Green, Yellow, Blue, White		
Ambient temperature	-5 ~ 50 °C		
Humidity around use	35 ~ 85 % RH		
Degree of protection	IP54		
Certification	 		

How to install

※ Fixing must be done in carefully selected place such as horizontal or vertical or vertical surface that are not shaking that are not shaking too much.



Wiring Diagram



Dimension

