



Cat. No. TBL-B12

TBL LED TOWER LAMP with BUZZER



INSTRUCTION SHEET

Thank you for selecting INNO for your requirement.

This sheet describes the procedure and precautions required for installing and operating the product.

Kindly read this sheet before operating or installing the product. Store the sheet for future reference.

CAUTION FOR SAFETY

- ① Please keep this sheet for review before use of unit.
- ① Please observe the following:

⚠ WARNING
Serious injury may occur if instructions are not followed

⚠ CAUTION
Product failure or injury can occur if instructions are not followed

⚠ WARNING

1. This is not a safety product and is not to be used with machinery that requires use of safety product.
2. Do not disassemble or modify this unit when connected to power. It may lead to electric shock/ fire.

Do not dismantle immediately after turn-off.
HOT SURFACE! Allow cooling time.



⚠ CAUTION

1. This unit shall not be used outdoors.
2. Do not use the unit in places where there is flammable gas.
3. Do not use this unit beyond rated power.
4. Do not use this unit in places where there is vibration or impact.
5. Do not use water or oil based detergent for cleaning the unit.
6. Do not use excessive force to tighten the unit and do not hammer the unit.
7. Do not pull on the wire; use only crimp type terminal connectors.
8. Check for proper wiring before turn-on. Improper wiring may cause permanent damage to the product.
9. Do not modify/ add any components from our specification.
10. Please process it as industrial waste and dispose responsibly.

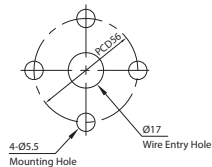
■ SPECIFICATIONS

*For details on Customized/ Special Models contact Seller

*Models	Buzzer Type	TBL--B-_____-__	TBL--B-_____-__
	Flicker + Buzzer Type	TBL--S-_____-__	TBL--S-_____-__
Mounting		Base Mount	Base Mount with Pole
Extension Pole		No	Yes
No. of Stacks		1 ~ 5 (depending on model)	
Lens Color		Red, Green, Yellow (Amber), Blue, Clear (Transparent)	
Bulb Type		Top down interchangeable LED module with Reflector	
Bulb Life		Aprox. 30,000 hrs till brightness is reduced to 50% of the initial value	
Power Supply	TBL-_____-__ - 24AD	24V AC/ DC (±10%)	
	TBL-_____-__ - 220AC	200 ~ 240 VAC 50/60Hz (±10%)	
Current Consumption (per stack)	Red	27mA / 0.65W	
	Green	35mA / 0.84W	
	Yellow	27mA / 0.65W	
	Blue	35mA / 0.84W	
	Clear	35mA / 0.84W	
Flicker Rate		Aprox. 80 flashes per minute	
Buzzer Volume		Fixed "pi" sound; 85dB at 300mm	
Buzzer Current Consumption		30mA / 0.72W	
Vibration Resistance		10 - 55Hz, 0.75mm for 2 hours in X, Y, Z directions (destruction)	
Ambient Temperature		Operation: -15° ~ 40°C; Storage: -40° ~ 70°C (non- freezing; non- condensing)	
Ambient Humidity		Operation: 45 ~ 85% RH; Storage: 35 ~ 90% RH (non- condensing)	
Protection Class		IP50	
Weight	Base Mount	aprox. LED Module: 43g/ std. module; Base and Unit: 200g	
	Base Mount with Pole	aprox. LED Module: 43g/ std. module; Base and Unit: 200g; Pole: 100g	
Material		Housing: ABS; Lens: Polycarbonate; Pole: Aluminium tube	

■ MOUNTING AND ADJUSTMENTS

- Base Mounting Panel Cut-Out for: TLK-B/P: _____



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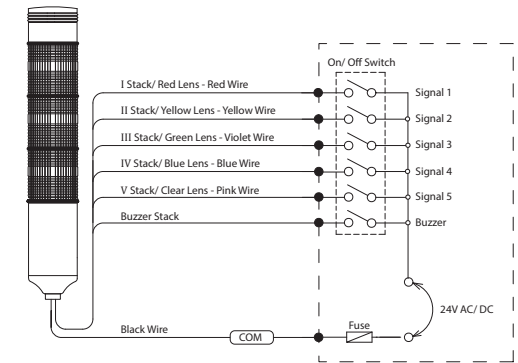
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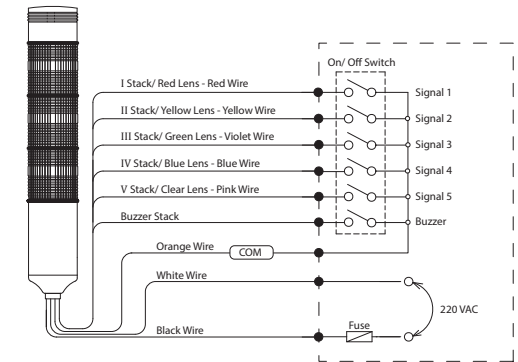
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■ CONNECTION DIAGRAM

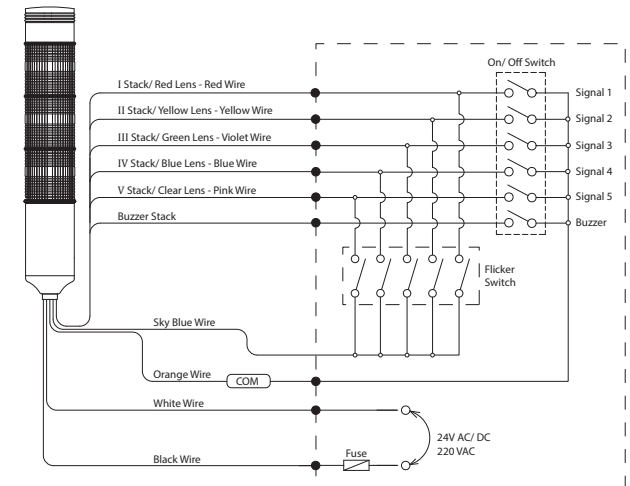
◆ TBL-__B-_____-__ - 24AD



◆ TBL-__B-_____-__ - 220AC



◆ TBL-__S-_____-__



Factory Default Stack Color List

- 1st Stack : Red
- 2nd Stack : Red, Green
- 3rd Stack : Red, Yellow, Green
- 4th Stack : Red, Yellow, Green, Blue
- 5th Stack : Red, Yellow, Green, Blue, Clear

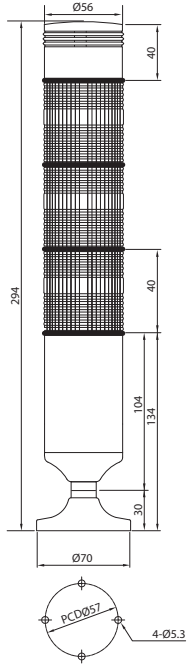
Note: Polarity not applicable for DC Types

■ DIMENSIONS

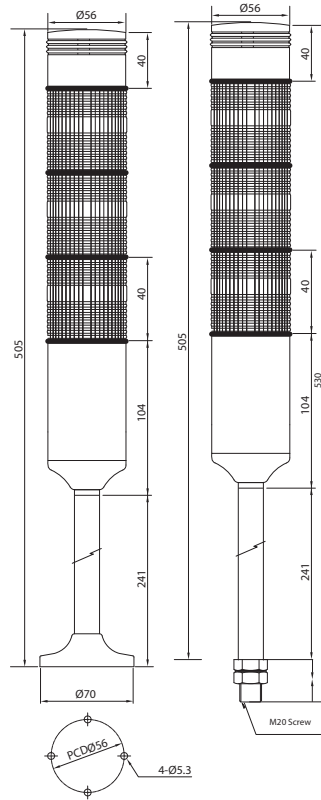
Note:

3 Stack configuration is shown in the drawing for ease of understanding. Stack addition or removal will result in corresponding increase or decrease of 40mm in the lamp's overall dimension.

• Direct Mounting Type (No Pole)



• Direct Mounting Type



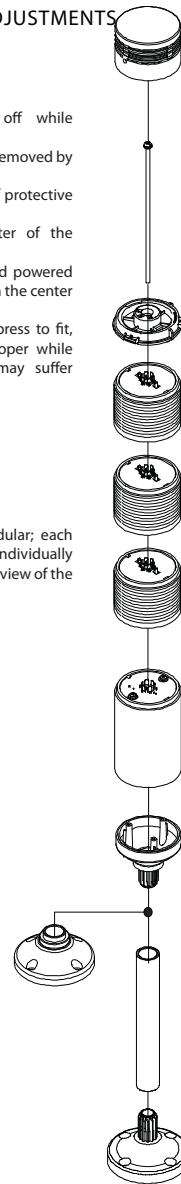
■ MOUNTING AND ADJUSTMENTS

• Changing Stack Order

Make sure power is turned off while dis-assembly of the unit. The buzzer unit on the top can be removed by pulling vertically. Once removed it exposes a layer of protective cover. Unscrew the screw in the center of the protective cover. Different stacks are connected and powered by the connectors running through the center of the tower light. Yank the stack to remove it and press to fit, ensure that the alignment is proper while press fit; else the connectors may suffer damage.

• Dis-assembly

The TBL series is completely modular; each part can be removed and individually replaced as shown in the exploded view of the lamp.



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Represented by:

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