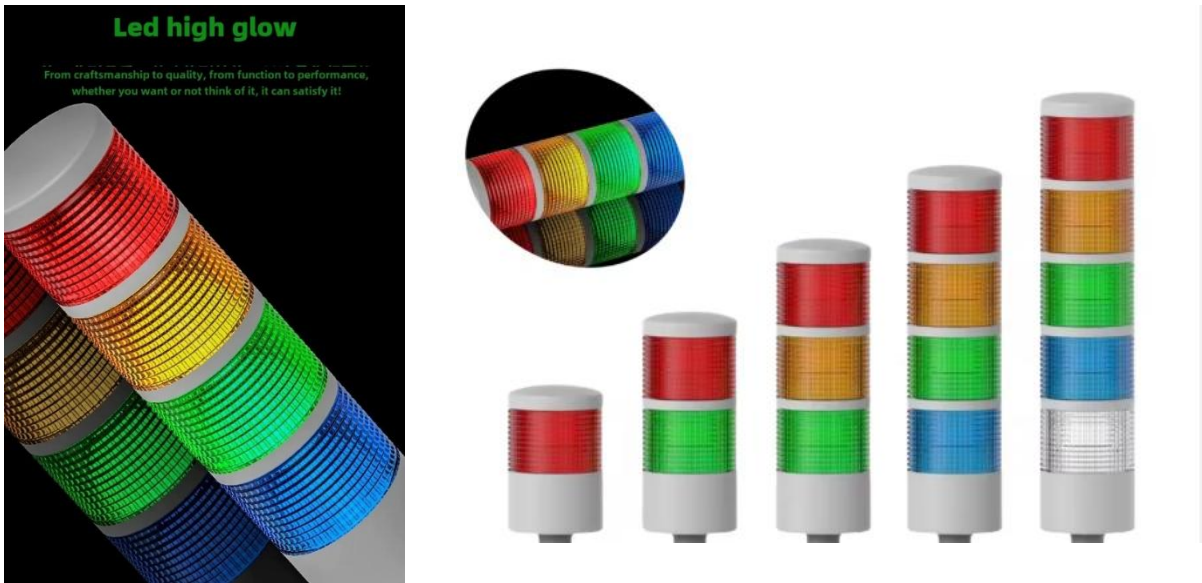


VXT-TL50 Series for Industrial use

50mm Compact LED Tower Light with Integrated Buzzer

Multi-Stack Steady LED Tower Light with Continuous Buzzer | 24V DC/220 VAC



ORDERING INFORMATION

COLOR : BLACK & WHITE OPTIONS

TOWER LIGHT MODELS (24V DC)	
VXT-TL50-R-AL	1 Stack (Red), Steady Light + Intermittent Buzzer (85 dB)
VXT-TL50-RG-AL	2 Stack (Red / Green), Steady Light + Intermittent Buzzer (85 dB)
VXT-TL50-RGY-AL	3 Stack (Red / Green / Yellow), Steady Light + Intermittent Buzzer (85 dB)

- High-brightness LED with 10,000 hours rated lifespan (Steady Light)
- Available in 1, 2, and 3 stack configurations (Red / Green / Yellow)
- Built-in continuous buzzer: 85 dB
- 24V DC or 220VAC operating voltage — standard for Indian industrial panels
- Polycarbonate (PC) lampshade with ABS base — impact and heat resistant
- IP65 ingress protection — dust-tight and water-jet resistant
- Compact 50mm diameter — ideal for space-constrained installations
- Multiple mounting options: Round Tube, L-Bracket, and Folding Base
- Screw terminal connections — quick and reliable wiring
- CE, RoHS Compliant

OPTIONAL MOUNTING ACCESSORIES

Accessory / Mounting	Description
Round Tube Base	Standard mounting — included with all models
L-Bracket	Wall or side-mount bracket — available on request
Folding Base	Foldable mount for angled installations — available on request

GENERAL SPECIFICATIONS

GENERAL SPECIFICATIONS	
Model Series	VXT-TL50
Diameter	50 mm
Light Source	High-brightness LED
Light Mode	Steady On
Buzzer Function	Intermittent Sound (85 dB)
Power Supply	24V DC/220 VAC
LED Colors Available	Red (R) / Green (G) / Yellow (Y)
Number of Stacks	1 Stack / 2 Stack / 3 Stack
LED PERFORMANCE	
LED Lifespan (Steady Light)	10,000 hours
Power Consumption	3W per layer
Current Draw	50–200 mA (varies by configuration)
Buzzer Volume	85 dB
ENVIRONMENTAL RATINGS	
Operating Temperature	–20°C to +55°C
Protection Rating	IP65 (Dust-tight, Water-jet Proof)
Certification	CE, RoHS Compliant
CONSTRUCTION	
Lampshade Material	Polycarbonate (PC) — UV-stabilised
Base Material	ABS Engineering Plastic
Connector Type	Screw Terminal
Mounting Options	Round Tube Base / L-Bracket / Folding Base

MODEL NUMBER NOMENCLATURE

VXT - TL50 - RGY – AL - (Example: VXT-TL50-RGY-AL)

Code	Segment	Description
VXT	Brand	Voxintech
TL50	Series / Diameter	Tower Light, 50mm diameter
R / RG / RGY	Color / Stacks	R=Red(1), RG=Red+Green(2), RGY=Red+Green+Yellow(3)
AL	Buzzer (Alarm)	AL = Integrated Buzzer (85 dB)

DIMENSIONS

TOWER LIGHT DIMENSIONS	
1 Stack (VXT-TL50-R-AL)	Height: 182.2 mm Diameter: 50 mm
2 Stack (VXT-TL50-RG-AL)	Height: 224.0 mm Diameter: 50 mm
3 Stack (VXT-TL50-RGY-AL)	Height: 265.8 mm Diameter: 50 mm
BASE & MOUNTING DIMENSIONS	
Base Plate (Square)	70.0 × 70.0 mm
Lampshade Diameter	54.7 mm
Mounting Hole Pitch	39.2 × 52.0 mm
Cable Entry	Φ6.9 mm
Base Height	79.1 mm
Thread Size	M16 × 1

WIRING INFORMATION

The VXT-TL50 series uses a common-line wiring scheme. Each LED layer is independently controlled via a dedicated signal wire. The buzzer has its own control wire.

Wire Color	Function	Notes
Black	Common / Neutral	Connect to power supply negative (–)
Red	Red LED Layer	Connect to +24V DC to activate red light
Green	Green LED Layer	Connect to +24V DC to activate green light
Yellow	Yellow LED Layer	Connect to +24V DC to activate yellow light
Gray	Buzzer	Connect to +24V DC to activate buzzer (85 dB)

TYPICAL APPLICATIONS

- CNC Machines & Machine Tools — Process status indication (Run / Idle / Alarm)
- Packaging & Filling Lines — Line status, material low, and jam alerts
- Assembly Workstations — Andon-style call signals and station status
- Panel Boards & Control Cabinets — Compact panel-mount status indicators
- Automated Warehouses — Pick-to-light zones and aisle status signaling
- Food & Beverage Processing — IP65-rated for washdown-adjacent areas
- Textile Machinery — Loom and spinning machine status indication
- Printing & Converting Lines — Press status and operator call signals
- Material Handling & Conveyors — Zone status and fault indication
- Pharmaceutical & Cleanroom Equipment — Process step and alarm indication

MODEL SELECTION GUIDE

Choose the appropriate VXT-TL50 model based on your signaling requirements:

Model	Best For	Signals	Example Use
VXT-TL50-R-AL	Status + audible alert	1 visual + buzzer	Emergency stop active
VXT-TL50-RG-AL	Run / Stop + alarm	2 visual + buzzer	Auto line with alert
VXT-TL50-RGY-AL	Full status + alarm	3 visual + buzzer	Andon system with alarm

INSTALLATION & SAFETY

- Ensure power is turned OFF before wiring.
- Operating temperature must not exceed +55°C.
- Wires must be approved by safety usage standards.
- Base and connecting part assembly must be stable.
- Installation and maintenance must be performed by qualified personnel.

Specifications subject to change without prior notice. Please confirm details at time of order.