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**VISION TECH<sup>®</sup>**  
**ELECTRONICS**



**PARAMETERS/TECHNICAL SPECIFICATIONS OF ELECTRONIC BALLAST FOR  
48W (HIGH O/P UVC GERMICIDAL) LAMP (FOR MODEL: UV3-GXO436T5 48W, LIGHT SOURCES**

**MODEL DESCRIPTION:**

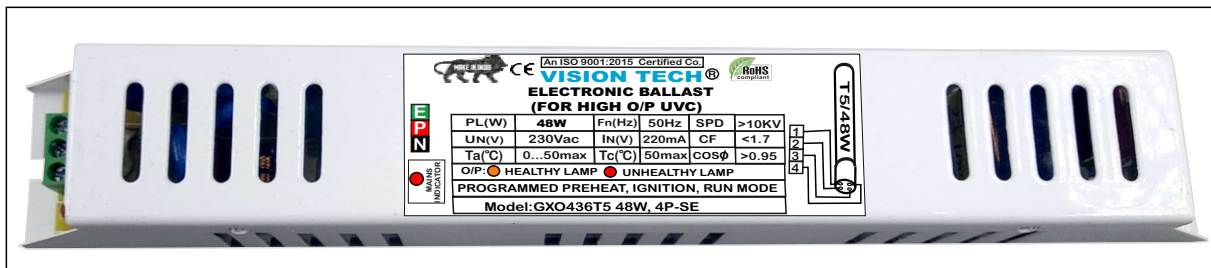
Ballast Body Type: UV5

Lamp:T5/48W (FOR HIGH O/P QUARTZ GERMICIDAL LAMP)

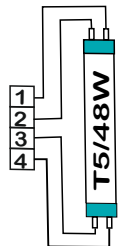
Lamp Length: 436mm

Cap: 4P-SE (Four Pins, Single Ended), G5(Single Sided Bi Pin)

Make: LIGHT SOURCES



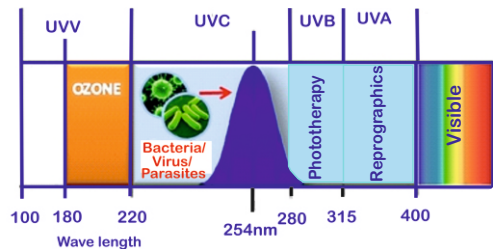
FOR G5



UV3: DIMENSION: L=263mm, W=39mm, H=32mm

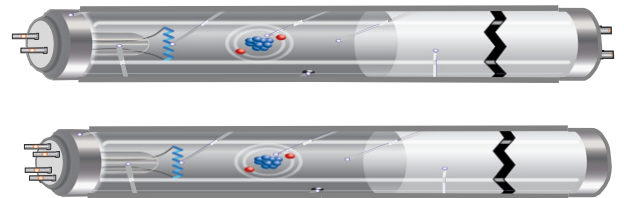
**TECHNICAL SPECIFICATIONS:**

- TYPE: UV ELECTRONIC BALLAST/INDUSTRIAL
- BALLAST CONTROLLER IC IS PROGRAMMED TO PROVIDE AUTO PREHEAT, IGNITION & RUN MODE, WHICH ENSURES THE ENHANCED LIFE SPAN OF LAMP/TUBE
- OPERATING VOLTAGE RANGE:  $U_n = 170\text{Vac} - 300\text{Vac}$
- MAINS RATED VOLTAGE:  $V=230\text{Vac}$
- MAINS FREQUENCY:  $F_n(\text{Hz})=50\text{Hz}$
- MAINS I/P CURRENT:  $I_n=220\text{mA}$
- WATTAGE: 48W
- POWER FACTOR:  $PF > 0.95$
- SURGE PROTECTION DEVICE:  $SPD > 10\text{KV}$
- CREST FACTOR:  $CF > 1.70$
- AMBIENT TEMPERATURE:  $T_a=0\text{...}50^\circ\text{C}(\text{max})$ , CASE TEMPERATURE:  $T_c=50^\circ\text{C}(\text{max})$
- TOLERANCE:  $\pm 5\%$
- IN RUSH CURRENT PROTECTION, RFI/EMI PROTECTION



**FEATURES:**

- SLIM DESIGN
- BODY: METALLIC POWDER COATED
- MAINS LED INDICATOR: RED
- O/P DUAL LED INDICATOR:
  - WHEN INDICATOR IS ORANGE, SIGNIFIES HEALTHY TUBE/LAMP
  - WHEN INDICATOR IS RED, SIGNIFIES UNHEALTHY TUBE/LAMP



**\*Due to continuous R&D, design can be changed without prior notification**

**\*Special Requirements will be entertained**

**WORKS/FACTORY ADDRESS:**

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