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



**PARAMETERS/TECHNICAL SPECIFICATIONS OF ELECTRONIC BALLAST FOR  
41W (UVC GERMICIDAL) LAMP (FOR MODEL: UV3-GPH843 T5/41W, LIGHT SOURCES**

**MODEL DESCRIPTION:**

Ballast Body Type: UV3

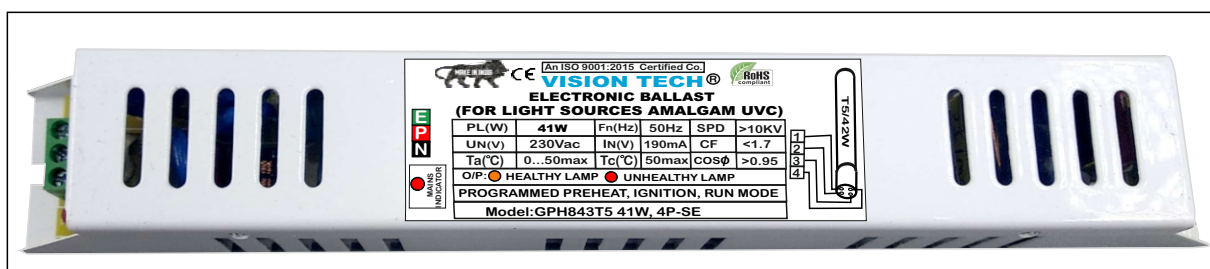
Lamp Type: GPHA (Preheat Start Amalgam UVC Lamp)

Lamp Length: 843mm

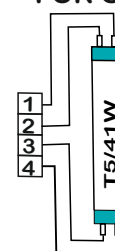
Lamp:T5/41W

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 FOR AMALGAM UVC LAMP, G5 OR 4P-SE

-BALLAST CONTROLLER IC IS PROGRAMMED TO PROVIDE AUTO PREHEAT, IGNITION & RUN MODE, WHICH ENSURES THE ENHANCED LIFE SF

-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:  $I_n=190\text{mA}$

-WATTAGE: 41W

-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/FACORY ADDRESS:**

VISION TECH ELECTRONICS

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