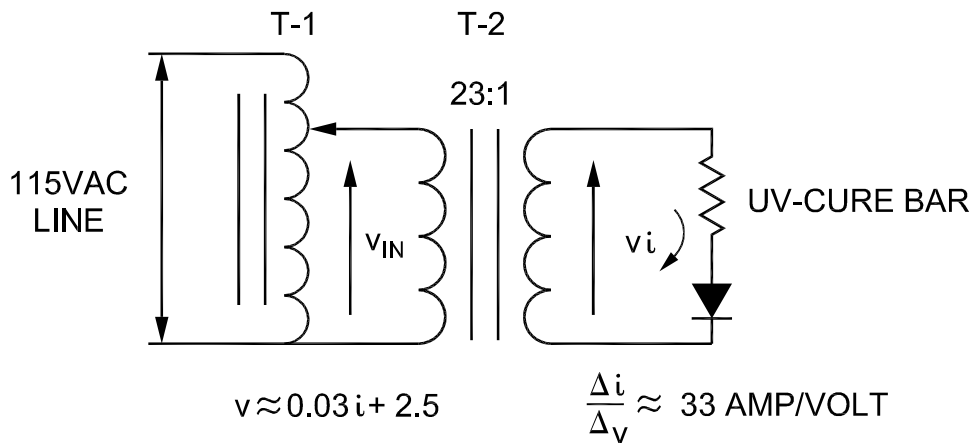
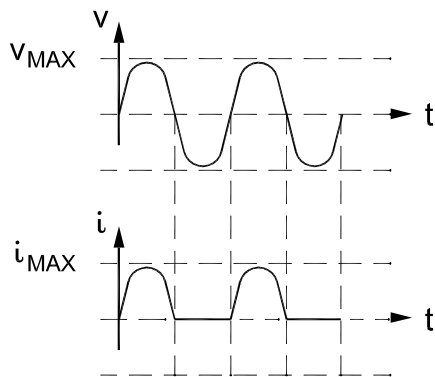


P71-1464 UV LED CURE BAR



T-1 POWERSTAT VARIABLE AUTOTRANSFORMER TYPE 3PN116B

T-2 HAMMOND MFG. TYPE 185G10, 2 TRANSFORMERS IN PARALLEL



Measured Voltages and Currents at maximum input of 115 Volts RMS

$$v_{IN} = 115 \text{ VOLTS RMS FULL WAVE}$$

$$v = 4.2 \text{ VOLTS RMS FULL WAVE}$$

$$v_{MAX} = 4.2 \cdot \sqrt{2} = 5.9 \text{ VOLTS}$$

$$I = 35 \text{ AMPS RMS FULL WAVE}$$

$$i_{MAX} = 2 \sqrt{2} I_{RMS} = 99 \text{ AMPS (68mA/LED)}$$

$$i_{AVE} = 35 / 1.11 = 32 \text{ AMPS (22mA/LED)}$$

$$P_{AVE} = 5 \text{ mW / LED AVERAGE LED OUTPUT}$$

DRIVE CONDITIONS

OPT-926A-E  
14 DEC 04