

# G1000

## 100VDC Power Supply Kit

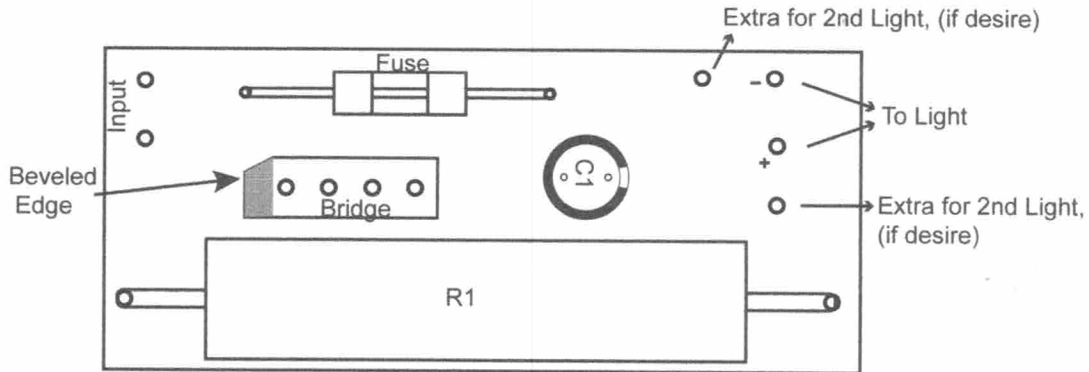
### Parts List

C1	_____	4.7 $\mu$ F 450V Capacitor
Bridge	_____	KBL405G (Beveled Edge)
F1	_____	2Amp Fuse
R1	_____	120 $\Omega$ 25W Resistor
MISC	_____	120VAC AC Line Cord, Red Wire, Blue Wire, and PC Board

### Assembly Instructions

1. Solder PC Board as shown in parts layout observing polarity for components shown.
2. Light will burn out if not mounted to a sufficient heatsink, however it can be operated without a heatsink for a minute or two just to test light operation.

Figure 1  
Parts Layout



3. **CAUTION:** This panel emits a blinding light. **DO NOT LOOK DIRECTLY AT IT WHEN IT IS ON!**

### CAUTION: Observe all 120VAC safety rules

- Do not allow anyone to come in contact with any part of board or panel when plugged into wall outlet.
- Mount out of reach, in insulated fixture!

Figure 2  
Schematic

