

DRV-ADJ2000 ADJUSTMENT INTRUCTIONS

- 1- Adjust driver trimmer all the way down Anti-clockwise
- 2- Connect driver to power supply
- 3- Connect Led(s) to driver with ammeter in series
- 4- Adjust Driver trimmer until ammeter reads the desired current.

NOTE: We are now using a Zener for a voltage reference. It keeps the desired current reasonably constant over large input voltage changes. It is advised to re-adjust the trimmer if you use a higher or lower Voltage supply then the one used for intially adjusting the trimmer. The led voltage reference will keep it steady as possible but re-adjusting may be necessary if for instance you change from using a 9 volt supply to a 36v supply.

USING DRV-ADJ2000 WITH A PWM DIMMER (DIM4 or DIM5)

- First turn the dimmer control pot/knob fully clockwise and then set the dimmer output trimmer to 2.5 volts using a standard DC voltmeter.
- Connect the dimmer white control wire to the DRV-ADJ2000 white control wire.
- Next connect a power led in series with an ammeter to the driver led output.
- Next connect DC power to both the dimmer and driver. Notice the ammeter reading when dimmer is on full. Now turn the dimmer pot/knob fully anti-clockwise. The led should be completely off. If it isn't the driver trimmer must be adjusted down a bit until the power led is off. Now when you turn the dimmer control all the way up and down you should get a smooth dimming range from 0-100%. This is usually necessary if the driver trimmer has been adjusted a bit too high. It won't hurt the driver but it will affect the lowest level of the dimmers when turned down.