Troubleshooting

Lamp flickers:

- Adjust spindle on end of module to trim the minimum dim level
- Load incompatible with leading edge dimming
  Consider using DANLERS trailing edge, Quiet **Grid** dimmer.

Rotary dimmer fails after some time:

- LED lamp or fitting has failed.

Rotary dimmer 'buzzes':

- This can occur with leading edge dimmers,
  Consider using DANLERS trailing edge, Quiet **Grid** dimmer.

Rotary dimmer gets warm:

- This can occur with dimmers, especially when controlling large loads.

Precautions and Warranty

This product conforms to BS EN 60669-2-1 and BS EN 55015:1993

Please ensure the most recent edition of the appropriate local wiring regulations are observed and suitable protection is provided e.g. 6 amps over current, 1kV over voltage. Please ensure that this device is disconnected from the supply if an insulation test is made.

This product is covered by a warranty which extends to 5 years from the date of manufacture.

Disclaimer

DANLERS cannot guarantee that DPD LED dimmers will successfully dim all LED lamps and fittings.

The dimming performance of LED lamps and fittings may vary or not work at all when a mixture of different types of lamps are fitted in the circuit.

DANLERS cannot take responsibility for reduced lamp life to that claimed by lamp manufacturers.

Rotary 2-way (push-on, push-off) LED Dimmer Modules (leading edge)

DPD LED

DANLERS push and rotary 2-way 'leading edge' LED dimmer modules are ideal for retro-fitting onto many existing wall plates or for other equipment manufacturers to add to their own plates.

Press the knob to turn the lamp on and off, rotate it clockwise to brighten the lamp and anti-clockwise to dim it.

Each DPD LED has an adjustable trim spindle on the end of the dimmer module for designating the minimum dim level.

The lamp can be switched from other locations by using standard 2-way and intermediate wall switches. It cannot be dimmed from another location and no other dimmer should be connected into the same switch circuit.

Loading

DANLERS push and rotary 2-way 'leading edge' LED dimmer modules are compatible with many reputable LED lamps and fittings.

DANLERS cannot guarantee that these dimmers will successfully dim ALL LED lamps and fittings. The dimming performance of LED lamps and fittings may vary when different types of lamps are fitted in the circuit.

Each individual dimmer module can dim within the following loading limits:

Min* (per gang)	**Max** (per gang)	**Box depth**
5W*	250W	35mm

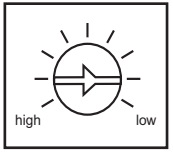
***5W is the optimum minimum load on LED lamps tested by DANLERS. However due to the variable nature of LED lamp drivers we cannot guarantee 5W is the minimum with ALL LED lamps and fittings.**

Installation procedure

1. Please read these notes carefully before commencing work. In case of doubt please consult a qualified electrician. Make sure the power is isolated from the circuit.
2. DANLERS push and rotary 2-way 'leading edge' LED dimmer modules should be connected as:

   L1 Live 1 (position 1 of 2-way switch)
   L2 Live 2 (position 2 of 2-way switch)
   3 Common (common of 2-way switch).

3. Typical wiring diagrams are shown opposite.
4. Should the LED lamps or fittings flicker when the dimmer is in the lower end of its range the minimum dim level spindle should be turned to the point at which the lamp stops flickering - see diagram opposite.



5. Once the wiring has been completed and verified, switch on the supply and test the operation.

DPDLED is supplied with a M10 x 0.75mm lock nut for securing the module to other equipment manufacturers plates (new or retro-fit). The module is fitted behind the plate with the lock nut position in front of the plate.

Please note that you must use the supplied DANLERS lock nut NOT an existing lock nut as the pitch may not be compatible and your warranty may be invalidated. DANLERS cannot be help responsible for installers over tightening the lock nut on other equipment manufacturers plates.

Typical wiring diagrams