

CIRCUITS AND METHODS FOR CONTROLLING DIMMING OF A LIGHT SOURCE

ABSTRACT

A controller for controlling dimming of a light source includes a detection pin, an
5 input signal pin, and a monitoring pin. The detection pin is operable for
monitoring a rectified voltage and for detecting whether the rectified voltage
comes from a TRIAC dimmer or an on/off switch dimmer. The input signal pin
is operable for receiving an input signal indicative of the rectified voltage and the
controller controls dimming of the light source according to the input signal if the
10 rectified voltage comes from a TRIAC dimmer. The monitoring pin is operable
for receiving a monitoring signal indicating an operation of the on/off switch
dimmer and the controller controls dimming of the light source according to the
monitoring signal if the rectified voltage comes from an on/off switch dimmer.

Figure 1