

### Application Note: DMU Power Supplies

The DMU series of power supplies features integrated wiring compartments with knockouts for standard ½-inch conduit and fittings.

DMU power supplies must be disconnected from power in order to switch between PWM and CVR output settings. Flipping the switch with power connected will have no effect. PWM dimming provides maximum consistency between multiple power supplies and is recommended when the LED load is located less than 25 feet (7.6m) from the power supply. CVR dimming reduces parasitic effects in long runs of wire and is recommended for any wire runs greater than 25 feet (7.6m) from the power supply to LEDs.

The voltage adjustment feature of the DMU power supplies allows for some voltage compensation to balance brightness or compensate for some voltage drop in the lead wires. To compensate for different apparent brightness levels in different areas, voltage in the brighter areas can be reduced by turning the adjustment knob counter-clockwise. The output voltage should only be increased (clockwise turn of the knob) if the voltage can be checked at the connection point to the LED load. The voltage delivered to the LED load should not exceed the rated input voltage.