

# DETAILS ON DIMMING

INCANDESCENT, MLV, ELV

**Each dimmable fixture has certain technology within it that determines the type of dimmer to use.** It's important that the dimmer matches up to the fixture technology in order for it to work properly. Applications include residential and light commercial use. Maximum 300W per configuration.



INCANDESCENT



DVSC-600P-WH



(MLV) MAGNETIC  
LOW VOLTAGE



DVLV-600P-WH



(ELV) ELECTRIC  
LOW VOLTAGE



DVELV-303P-WH

Not all lighting products are dimmable, and not all dimmers work with all lighting products. To check compatibility with a specific combination of dimmers and lighting fixtures, consult the factory at [design@pureedgelighting.com](mailto:design@pureedgelighting.com).

## KEY POINTS WHEN SELECTING A DIMMER

- How much of a load you will be putting on the dimmer.
- You must also consider if the fixtures can be controlled by one or more locations (single pole dimmer or 3-way, etc.).
- When you put multiple dimmers in the same box, you de-rate the dimmers. Refer to the dimmer manufacture for de-rating guidelines.
  - If the dimmer is located on the end of the box, your 600-watt dimmer may only be suitable to handle 500-watts
  - If located in the middle with other devices on either side, a 600-watt dimmer could become a 400-watt dimmer.

## WHAT ARE THE ADVANTAGES OF USING DIMMERS?

- Create the mood and atmosphere of a room.
- Save energy.

**Dimming a fixture 20% saves 20% in energy**