


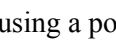
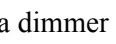
PRODUCT: Series 500™, Series 1000™, Series 2000™ and Series 3000™ Luminaires

SUBJECT: Powering VARI*LITE® Luminaires From Dimmer Circuits - NOT RECOMMENDED


OVERVIEW

It is not recommended to power any VARI*LITE® luminaire from a dimmer - even in 'NON-DIM' mode. Dimmer and non-dim modules are not suitable sources of power because their output modifies the AC wave form. This may work for a short time, but will eventually result in power problems, luminaire mis-operation and/or failure.

COMMENTS

- When using a power distribution rack, do not use dimmer or non-dim modules to power any VARI*LITE® luminaire. Damage to the luminaire can occur.
- It is especially critical, in the case of models such as VL500™ and VL1000™ with on-board IGBT dimmers (VL500D and VL1000TD /VL1000TID / VL1000TSD respectively), to use constant-circuit modules instead of dimmers or non-dim modules. Using a dimmer or non-dim module is essentially powering a dimmer from a dimmer. Powering an automated luminaire with an on-board electronic dimmer requires a clean, complete wave form in order to operate correctly.
- Using a dimmer or non-dim module to power your VARI*LITE® luminaire will void your luminaire's warranty.
- Only use breakered, constant-circuit modules - that supply an unaltered AC voltage and wave form - with your power distribution rack.
- To locate a suitable constant-circuit module for your power distribution rack, please contact the power distribution rack manufacturer directly.

FOR MORE INFORMATION

For additional information, please contact your power distribution rack supplier (for specific rack module information and applications), Vari-Lite technical support, or your Authorized VARI*LITE® Dealer.