


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

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

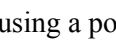
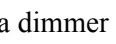
### OVERVIEW

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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

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- 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

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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.