



Compatibility Guide

V-Com Intelligent Dimmers for Larger Dimmable LED Lighting Loads (Product Codes K_P)

See also:

[Instruction Leaflets](#)

Maximum load as specified on product	100W	220W	300W	400W	600W
Type of Lighting					
Dimmable LED Lighting	100W (max. 10 LEDs)	220W (max. 26 LEDs)	300W (max. 36 LEDs)	400W (max. 40 LEDs)	600W (max. 60 LEDs)
	<p>For more information on dimmable LEDs, click here.</p> <p>When using 12V a.c. or 12V d.c. Dimmable LED loads with VARILIGHT Dimmable Electronic Transformers or Converters, please refer to the advice below. For any other brand Electronic Transformers, refer to manufacturers guidelines.</p>				
Low Voltage VARILIGHT Electronic Transformers and Converters	To calculate load, add the VA ratings of the transformers (not the wattage of the bulbs)				
	For Low Voltage Halogen, choose transformers with a maximum rating close to their lamp load (e.g. Use a 50VA, 80VA or 70VA transformer to control a 50W low voltage bulb). Please follow the maximum wattage listed for Low Voltage Halogen above.				
	<p>For 12V a.c. LED loads, use VARILIGHT YT50LZ transformer up to a maximum load of 25W or YT70LZ or YT70Z up to a maximum of 35W.</p> <p>For 12V d.c. LED loads, use VARILIGHT YT40DC12 converter up to a maximum load of 40W for dimmable LED strip or up to a maximum of 30W for dimmable LED lamps.</p> <p>Multiple transformers can be used up to the maximum listed on the dimmer (transformer rating) but always refer to maximum number of LEDs.</p>				
	Other Brand Dimmable Electronic Transformers	For other brand dimmable electronic transformers, follow the guidelines above but with a maximum of 5 fully dimmable electronic transformers per dimmer circuit. Noise levels may vary depending upon the type and quantity of transformers used. Always refer to manufacturer guidelines.			
Wirewound Transformers	Not suitable for this application				
VARILIGHT DigiFlux Dimmable EnergySaver+ CFLs	Not suitable for this application Please see V-Dim or V-Pro				
Other Brand Dimmable Compact Fluorescent Bulbs	Not suitable for this application				
Non-Dimmable Fluorescent Lighting or Energy Saving Bulbs	Do not use VARILIGHT dimmers for this application				
Fans	Not suitable for this application Please see V-Dim				