

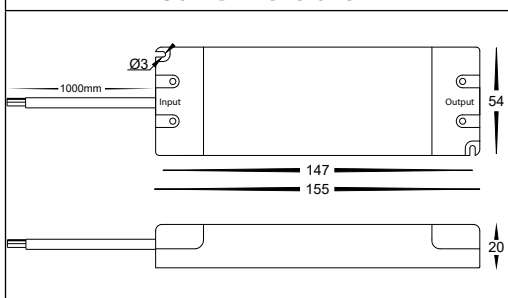
HV9660 Triac Dimmable Constant Voltage LED Driver Installation Instructions



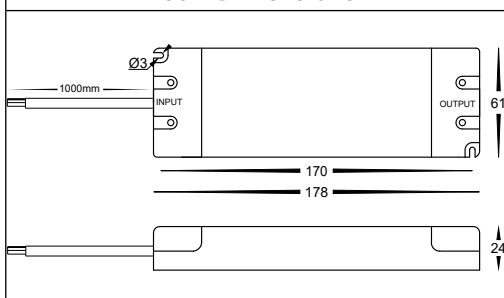
Product Specifications

Model No.	HV9660-12V30W	HV9660-24V30W	HV9660-12V60W	HV9660-24V60W	HV9660-12V100W	HV9660-24V100W
Material	Plastic				Aluminum	
IP Rating	IP20				IP66	
Protection Class	2(No Earth Required) 				1(Requires Earth) 	
Input Voltage	240v AC					
Output Voltage	12v DC	24v DC	12v DC	24v DC	12v DC	24v DC
Total Load	30W	30W	60W	60W	100W	100W
Recommended Total Load	24W		48W		80W	
Wiring	Parallel					
Dimmable	Yes - Triac Dimmable					
Operating Temperature	-25° - + 50°					
Protections	Overload, Over Voltage, Over Temperature & Short Circuit					
Warranty	3 Years Replacement*					

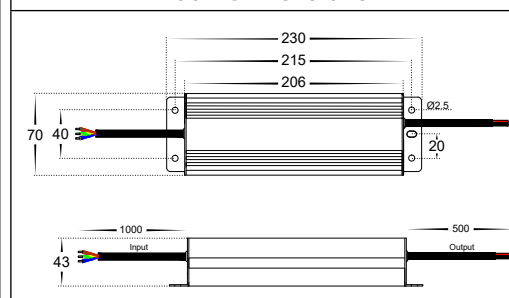
30w Dimensions



60w Dimensions



100w Dimensions

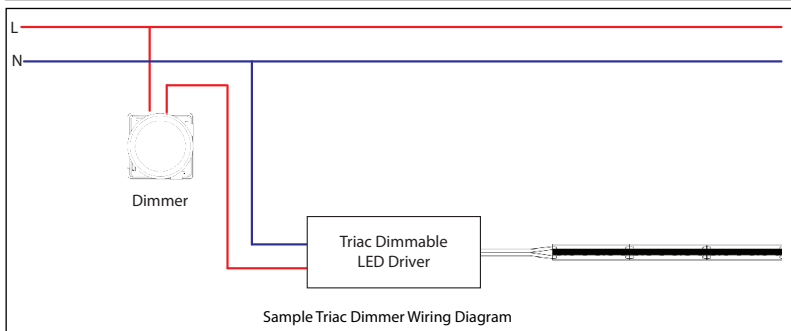


Important Safety Issues:

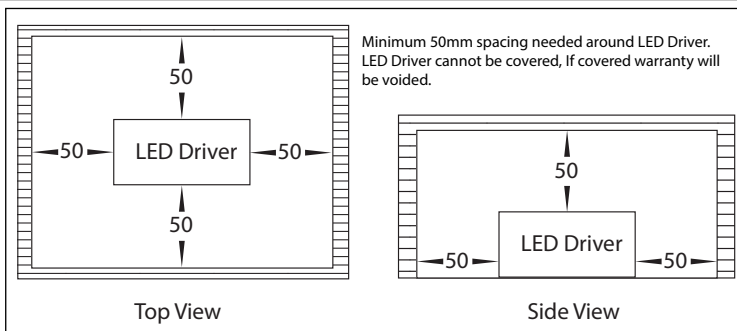
- This product must be installed by a qualified electrician according to AS/NZS 3000.
- Ensure all electrical mains are disconnected before any installation.
- Modification of this product will void any warranty.
- Havit Lighting does not take responsibility for wrong installation, incorrect use, or use of installation material that does not belong to the system.
- Aluminium and 304SS fittings must not be installed within 5km of any salt water environments.
- All Havit Lighting LED Drivers are provided with a flex & plug for ease of replacement if Driver was to fail. Removing this plug will void warranty.
- The converter must only be connected by a fully qualified electrician.
- Make sure has the correct output voltage to light source being installed.
- The installer is responsible for proper installation according to safety regulations. The primary and secondary cables have to be selected considering type and wire gauge. Load, cable length, voltage drop and terminal characteristics have to be taken into consideration.
- Disconnect the LED Driver from the main power if its cables are damaged. - Damaged cables must be replaced.
- LED Driver can become very hot during use, Do not cover.
- The distance between the power supplies and the surfaces around must be min. 50mm so Driver is well ventilated.
- This form may be updated at any time due to product improvements, please check online installation form for most current version.

Steps for Installation:

1. Ensure the power supply is switched OFF before connecting the LED driver.
2. Connect the driver output cable to the light source, ensuring the correct polarity (+/-) is maintained. Where the driver is supplied with two outputs, the full load may be connected to either output or divided across both outputs, provided the driver's maximum rated load is not exceeded.
3. For outdoor installations, all cable connections must be made watertight using suitable adhesive-lined heat shrink, gel caps, or an equivalent IP-rated connection method. Failure to adequately waterproof connections may result in water ingress and will void the warranty.
4. Ensure the power remains OFF before connecting the 240V plug to the power point. Once all connections have been completed and checked, plug the driver into the power point and restore power.
5. Refer to the applicable dimmer installation instructions for correct installation, setup and operation of compatible dimming controls.
6. If a ticking or clicking noise is heard from the LED driver after power is switched on, this may indicate a short circuit or fault within the lighting circuit. Immediately switch the driver OFF and inspect all cables, fittings and connections before restoring power.
7. Before energising the electrical circuit, thoroughly check all connections for correct polarity, secure termination, insulation and waterproofing.



Sample Triac Dimmer Wiring Diagram



Must be installed by a licensed electrician

Contact Details:

143 Beauchamp Road
Matraville NSW 2036
Australia
Tel: 02 9381 8300
Fax: 02 9666 8881
Email: sales@havit.com.au
Web: www.havit.com.au

Warranty Terms & Conditions*



Additional Information

