


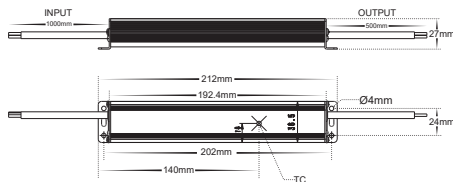
# HV9658 IP66 Constant Voltage LED Driver Installation Instructions



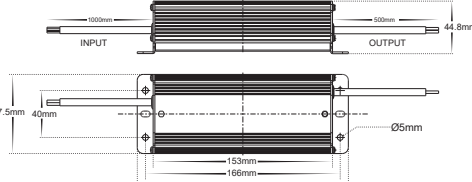
## Product Specifications

Model No.	HV9658-12V30W	HV9658-24V30W	HV9658-12V60W	HV9658-24V60W	HV9658-12V100W	HV9658-24V100W
Material	Aluminium					
IP Rating	IP66					
Protection Class	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	No					
Operating Temperature	-25° ~ + 50°					
Protections	Overload, Over Voltage, Over Temperature & Short Circuit					
Warranty	3 Years Replacement*					

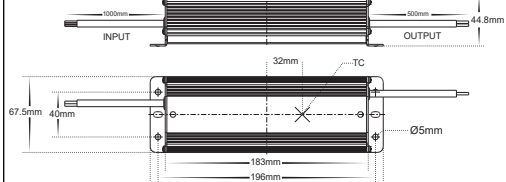
### 30w Dimensions



### 60w Dimensions



### 100w Dimensions

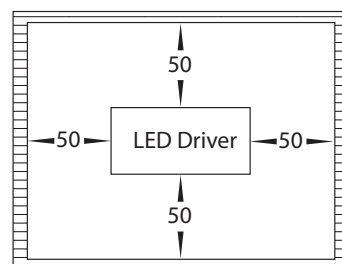


## Important Safety Issues:

- 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 provide 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.
- The power supply has connection cables on primary and secondary side. The secondary cables are multiple depending of the power class and are connected to the same potential. The load has to be divided to the connection cables equally. It is not permitted to take the complete load by one single output cable, alternatively you can parallel the 2x output cables to have full power from one connection point.
- This form may be updated at any time due to product improvements, please check online installation form for most current version.

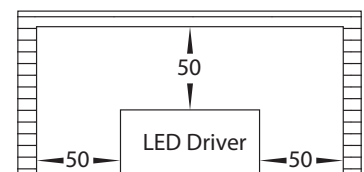
## Steps for Installation:

1. Connect the Output cable to light source making sure that polarity is correct. If Driver has 2x Output cables, These can be joined to form one connection point.
2. If connections are outdoors make sure to cover connections using an adhesive lined heat shrink or gel cap to make connection watertight. Failure to do this will void warranty.
3. Make sure power is off before connecting 240v plug to power point, Once plugged in turn power back on.
4. When LED Driver is turned on and a ticking noise can be heard. This indicates a short on the run. Turn Driver off and inspect all connections before turning back on.



Top View

Minimum 50mm spacing needed around LED Driver. LED Driver cannot be covered, If covered warranty will be voided.



Side View

**Must be installed by a licensed electrician**

## Contact Details:

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## Warranty Terms & Conditions\*



## Additional Information

