

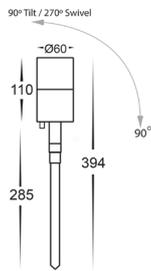
# Adjustable Garden Spike Light Installation Instructions



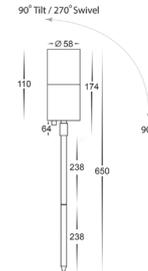
## Product Specifications

Model No.	HV1409T	HV1427T	HV1427T-WHT	HV1427T-SSBLK	HV1457T	HV1477T	HV1487T	HV1497T
Name	Forte	Tivah						
Material	304 Stainless Steel	Aluminium	Aluminium	316 Stainless Steel	Solid Brass	Solid Brass	Aluminium	Solid Brass
Colour	Stainless Steel	Black	White	Black	Brass	Graphite	Titanium	Antique Brass
Installation Type	Ground - Spike							
IP Rating	IP54	IP65						
Input Voltage	12V DC - Constant Voltage							
Protection Class	3 - Low Voltage							
Lamp Base	MR16							
Lamp Wattage	1x 5w							
Colour Temp	TRI Colour - 3000k, 4000k, 5500k							
Lumens	270lm, 285lm, 300lm							
CRI	> 80							
Wiring	Parallel							
Dimmable	No							
Warranty	3 Years Replacement*							

### HV1409 + HV1427 + HV1457 + HV1477 + HV1497 Dimensions



### HV1487 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.
- Do not exceed maximum wattage restrictions for globes: 12V MR16 = 20w - Havit Lighting recommend these fittings only be used with LED Globes.
- 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.
- All electrical connections must be watertight, If a watertight connection is not done, Warranty will be voided.
- When installing low voltage fittings, Voltage to fitting must be within +or- 5% of voltage required and cannot be installed more than 25m from LED Driver, if not within this allowance warranty will be voided.
- Aluminium, Antique Brass, Graphite Coloured & 304SS fittings must not be installed within 5km of any salt water environments.
- Solid Brass fittings with additional coatings (Antique Brass & Graphite) may tarnish through the coating when installed in an outdoor environment.
- All o-rings and seals must be in place correctly to maintain warranty.
- These instructions may be updated at any time due to product improvements, Please visit website for most current installation instructions.

### Steps for Installation:

1. Make sure that the electrical circuit is free of voltage (master switch off)
2. Place fitting in desired location
3. Connect the cable -
4. Use an appropriate 12v DC LED Driver - DO NOT CONNECT LIGHT FITTING DIRECT TO 240V
5. Strip back cable on both fittings and cable run and twist the positive cable from fitting to positive on the cable run, then connect neutral from fitting to neutral on the cable run.
6. Solder all joins using solder with either a heat gun or butane gas torch.
7. Cover connections using an adhesive lined heat shrink or gel cap to make connection watertight. (Failure to do this step will void warranty)
8. Heat the heat shrink or crimp the gel cap making sure all connections are covered.
9. Colour temperature is preset to 3000k, to change remove cover from fitting by twisting anti clockwise and set aside. Remove globe from fitting and move switch on side of globe to desired colour temperature.
10. Reinsert globe by aligning pins of globe with holes of lampholder and push down gently.
11. Reattach cover by turning clockwise making sure the seals are still in place and caps are tight to avoid any water penetration.
12. Adjust fitting to desired position making sure to stop rotating when fitting cannot rotate anymore, If forced fitting will continue to rotate and cause internal cables to become entangled causing fitting to short. If this is done, warranty will be voided.
13. All connections must be carried out carefully, inspect all contacts before switching back on the electric circuit.

### Steps for Changing Globes:

1. Remove the cover by twisting anti-clockwise and set aside
2. Remove globe by grabbing the outside of the globe and pulling.
3. Reinsert the appropriate globe by inserting the 2 pins into the lampholder and pushing down gently.  
(Make sure not to exceed max wattage, see product label for correct info.)
4. Reattach cover by turning clockwise making sure the seals are still in place and caps are tight to avoid any water penetration.

### Steps for Stainless Steel Maintenance:

1. Refer to HV9971 Maintenance kit for instructions on maintaining the look of the Stainless Steel Product

Solid Brass fittings will naturally tarnish. Solid brass fittings with additional coatings (Antique Brass & Graphite) may tarnish through the coating when installed in outdoor environments

**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\*



[www.havit.com.au](http://www.havit.com.au)

