

# Mini Tivah Adjustable Garden Spike Light Installation Instructions



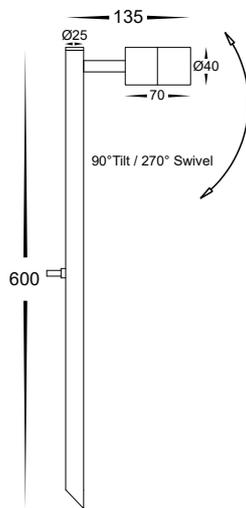
## Product Specifications

Model No.	HV1423MR11NW	HV1425MR11NW
Name	Tivah	Tivah
Material	Aluminium	Aluminium
Colour	Black	Black
Installation Type	Ground - Spike	Ground - Spike
IP Rating	IP65	IP65
Input Voltage	12v DC	12v DC
Protection Class	3 - Low Voltage ⚡	3 - Low Voltage ⚡
Lamp Base	MR11	MR11
Lamp Wattage	1x 3w	2x 3w
Colour Temp	3000k, 4000k	3000k, 4000k
Lumens	270lm, 300lm	2x 270lm, x 300lm
CRI	> 80	> 80
Wiring	Parallel	Parallel
Dimmable	No	No
Warranty	3 Years Replacement*	3 Years Replacement*

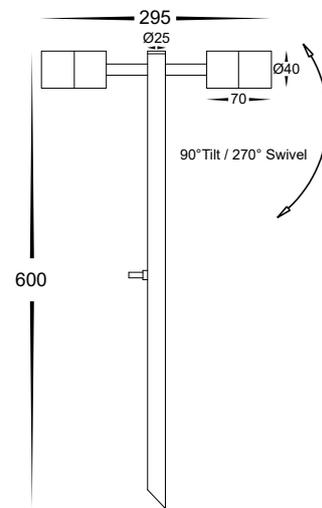
## Important Safety Issues:

- 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 MR11 = 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 and 304SS fittings must not be installed within 5km of any salt water environments.
- 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.

## HV1423MR11NW Dimensions



## HV1425MR11NW Dimensions



## 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. Fitting is supplied with 3000k globes already installed in fitting, If 4000k is preferred remove caps by twisting anti clockwise and set aside, Remove globe by gently pulling on edge of globe and removing. Reinsert globe by aligning pins of globe with holes of lampholder and push down gently.
10. Reattach cover by turning clockwise making sure the seals are still in place and caps are tight to avoid any water penetration.
11. 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.
12. 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.

**Must be installed by a licensed electrician**

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## Warranty Terms & Conditions\*



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

