

# Garden Spike Light Installation Instructions



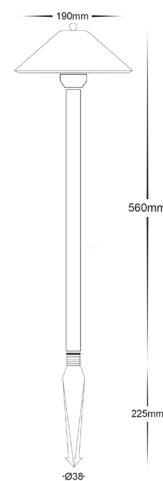
## Product Specifications

Model No.	HV1454W	HV1454C	HV1455W	HV1455C
Name	Laiton		Forn	
Material	Solid Brass		Solid Brass	
Colour	Antique Brass		Antique Brass	
IP Rating	IP54		IP54	
Input Voltage	12v DC		12v DC	
Lamp Base	G4		G4	
Lamp Wattage	1x 3.2w		1x 3.2w	
Colour Temp	3000k	5500k	3000k	5500k
Lumens	240lm	260lm	240lm	260lm
CRI	> 80		> 80	
Wiring	Parallel		Parallel	
Dimmable	No		No	
Warranty	3 Years Replacement*		3 Years Replacement*	

## HV1454 Dimensions



## HV1455 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,
- 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.
- All 316 stainless steel fittings must have regular cleaning maintenance to avoid any tea staining from forming on fitting. (Warranty does not cover Tea Staining).
- 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. Attach spike to bottom of fitting by twisting clockwise
3. Place fitting in desired location
4. Use an appropriate 12v DC LED Driver - DO NOT CONNECT LIGHT FITTING DIRECT TO 240V
5. Connect the cable -
6. 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.
7. Solder all joins using solder with either a heat gun or butane gas torch.
8. Cover connections using an adhesive lined heat shrink or gel cap to make connection watertight. (failure to do this step will void warranty)
9. Heat the heat shrink or crimp the gel cap making sure all connections are covered.
10. Remove top -  
HV1454, Remove screw on side of fitting.  
HV1455, Remove top of fitting by twisting anti clockwise and set aside
11. Insert the globe by inserting the 2 pins into the lampholder and pushing down gently.
12. Reattach covers by either reinserting screw for HV1454 or twisting clockwise for HV1455 making sure seals are still in place.
13. All connections must be carried out carefully, inspect all contacts before switching back on the electric circuit.

## Steps for Changing Globes:

1. Remove top -  
HV1454, Remove screw on side of fitting.  
HV1455, Remove top of fitting by twisting anti clockwise and set aside
2. Insert the globe by inserting the 2 pins into the lampholder and pushing down gently.
3. Reattach covers by either reinserting screw for HV1454 or twisting clockwise for HV1455 making sure seals are still in place.
4. (Make sure not to exceed max wattage, see product label for correct info)

## Must be installed by a licensed electrician

### Contact Details:

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### Warranty Terms & Conditions\*



### Additional Information

