

# Inground Lights Installation Instructions

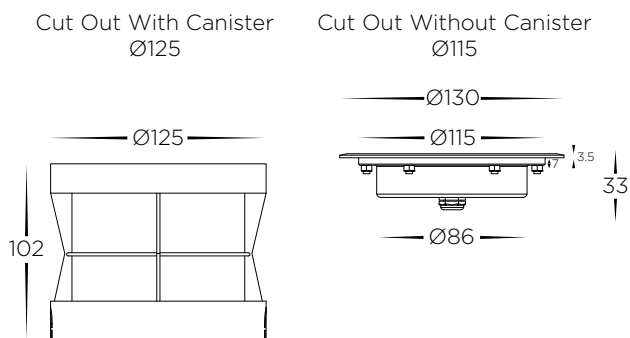


Product Specifications		
Model No.	HCP-251062	HCP-251092
Material	316 Stainless Steel	
Colour	Stainless Steel	
IP Rating	IP68	
Installation Type	Ground - Recessed	
Input Voltage	24v DC Constant Voltage	
Protection Class	3 (No Earth Required) ⚡	
Cut Out - With Canister	Ø125mm	Ø147mm
Cut Out - Without Canister	Ø115mm	Ø140mm
Trafficable	1000kgs	
IK Rating	IK10	
Lamp Base	Built in LED	
Lamp Wattage	1x 6w	1x 9w
Colour Temp	Tri Colour - 3000K   4000K   5500K	Tri Colour - 3000K   4000K   5500K
Lumens	430lm   530lm   485lm	655lm   795lm   735lm
CRI	80+	
Dimmable	No	
Warranty	5 Years Replacement*	

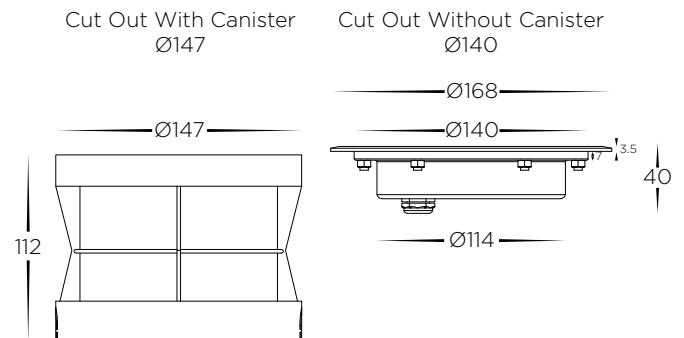
## Important Safety Issues:

- This product must be installed by a qualified electrician according to AS/NZS 3000.
- Ensure all electrical mains are disconnected before any installation. Modification of this product will void any warranty.
- Havit Commercial 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 fittings include an anti syphon plug and Male + Female Connector, These cannot be removed, If removed this will void Warranty.
- These instructions may be updated at any time due to product improvements, Please visit website for most current installation instructions.

## HCP-251062 Dimensions



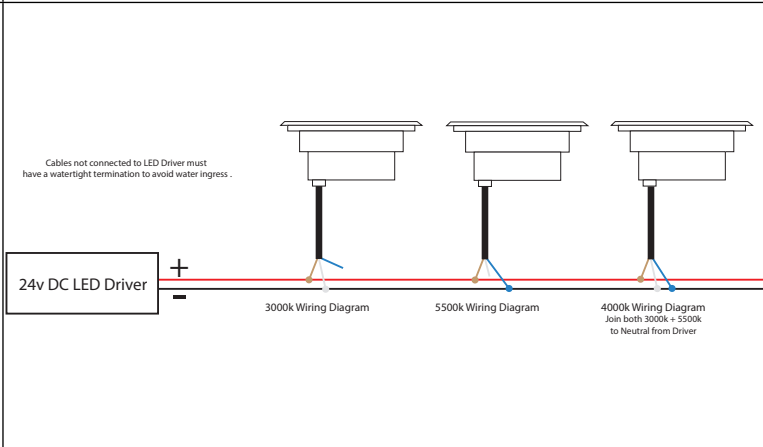
## HCP-251092 Dimensions



## Sample Adequate Drainage Diagram



## Sample Wiring Diagram



## Steps for Installation:

- Make sure that the electrical circuit is free of voltage (master switch off)
- Make a hole where fitting is to be placed using dimensions provided in table, making sure adequate drainage is allowed.
- If using canister, insert canister making sure that the top is level with ground or floor. Failure to do so will void warranty.
- Using an appropriate 24v DC LED Driver - **DO NOT CONNECT LIGHT FITTING DIRECTLY TO 240V**
- Connect the cable - If more than one fitting installed, wiring must be done in parallel. These fittings are **POLARITY SENSITIVE**. If connected incorrectly this will cause the failure of the fitting and will not be covered under warranty.
- Strip back the cable on both fitting and cable run and twist the positive cables together
- Then connect neutral cables together, Neutral cables are marked for selection of colour temperature. If 3000k or 5500k is selected you must terminate extra cable to be IP Rated to avoid any water making contact with internal parts of cable. To get 4000k, Join both 3000k + 5500k together and connect to neutral on cable run.
- Solder all joins using solder and either a heat gun or butane gas torch.
- Cover connections using an adhesive lined heat shrink or gel cap to make connection watertight. Failure to do this will void warranty.
- Heat the heat shrink or crimp the gel cap making sure all connections are covered.
- Make sure the seals are still in place and nuts on back of fitting are tight to avoid any water penetration.
- Insert fitting into canister or hole
- Apply silicon around edge of fitting to prevent any water from getting inside to electrical connections.
- All connections must be carried out carefully, inspect all contacts before switching back on the electric circuit.

**Must be installed by a licensed electrician**

## Contact Details:

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## Warranty Terms & Conditions\*



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

