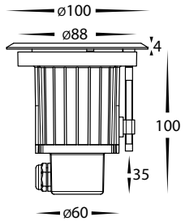
Adjustable Inground Lights Installation Instructions

Product Specifications

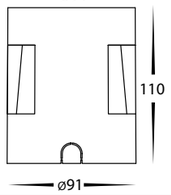
Model No.	HCP-251030	251040	251130	251180	251270
Material	316 Stainless Steel Cover + Aluminium Body				
Colour	Stainless Steel				
IP Rating	IP67				
Installation Type	Ground - Recessed				
Input Voltage	24v DC Constant Voltage				
Protection Class	3 (No Earth Required)				
Cut Out - With Canister	Ø88mm	Ø138mm	Ø171mm	Ø197mm	Ø249mm
Cut Out - Without Canister	Ø91mm	Ø135mm	Ø60mm	Ø186mm	Ø238mm
Trafficable	1000kgs				
IK Rating	IK10				
Lamp Base	Built in LED				
Lamp Wattage	1x 3w	1x 4.5w	1x 13.5w	1x 18w	1x 27w
Colour Temp	Tri Colour - 3000K | 4000K | 5500K				
Lumens	120lm | 130lm | 125lm	280lm | 290lm | 285lm	820lm | 850lm | 835lm	1120lm | 1150lm | 1135lm	1720lm | 1750lm | 1735lm
CRI	80+				
Dimmable	No				
Warranty	5 Years Replacement*				

HCP-251030 Dimensions

Cut Out Without Canister
Ø88

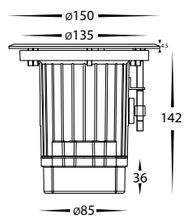


Cut Out With Canister
Ø91

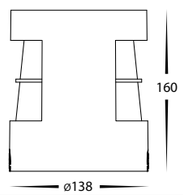


HCP-251040 Dimensions

Cut Out Without Canister
Ø135

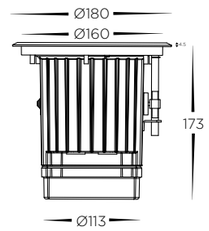


Cut Out With Canister
Ø138

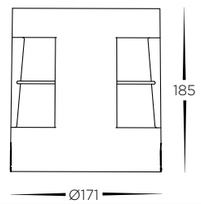


HCP-251130 Dimensions

Cut Out Without Canister
Ø160

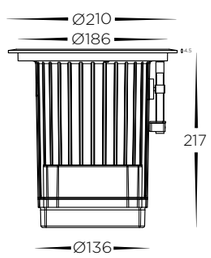


Cut Out With Canister
Ø171

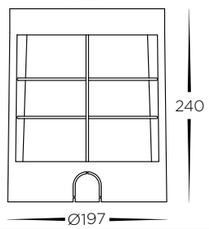


HCP-251180 Dimensions

Cut Out Without Canister
Ø186

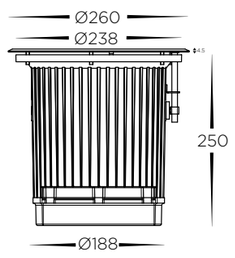


Cut Out With Canister
Ø197

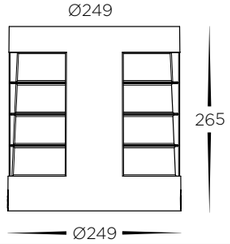


HCP-251270 Dimensions

Cut Out Without Canister
Ø238



Cut Out With Canister
Ø249



Important Safety Issues:

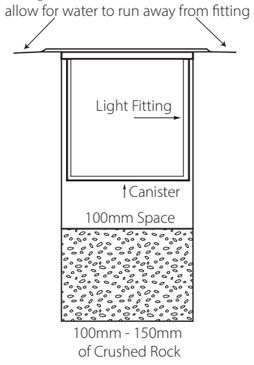
- This product must be installed by a qualified electrician according to AS/NZS 3000.
- Ensure all electrical mains are disconnected before any installation.
  Modification of this product will void any warranty.
- Havit Commercial does not take responsibility for wrong installation, incorrect use, or 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 304 stainless steel fittings must not be installed within 5 km of saltwater environments unless all aluminium or 304SS components are correctly installed below ground level.
- 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.

Steps for Installation:

1. Make sure that the electrical circuit is free of voltage (master switch off)
2. Make a hole where fitting is to be placed using dimensions provided in table, making sure adequate drainage is allowed.
3. If using canister, insert canister making sure that the top is level with ground or floor. Failure to do so will void warranty.
4. Using an appropriate 24v DC LED Driver - **DO NOT CONNECT LIGHT FITTING DIRECTLY TO 240V**
5. 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.
6. Strip back the cable on both fitting and cable run and twist the positive cables together. Then connect neutral cables together.
7. Solder all joins using solder and 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 will void warranty.
9. Heat the heat shrink or crimp the gel cap making sure all connections are covered.
10. Make sure the seals are still in place and nuts on back of fitting are tight to avoid any water penetration.
11. Fitting is set to 3000k, to change locate brass cap on bottom of fitting and remove by twisting anticlockwise, Slide switch to desired colour temperature. Reattach cap making sure its tight to avoid any water ingress into fitting.
12. Make sure the seals are still in place and nuts on back of fitting are tight to avoid any water penetration.
13. Insert fitting into canister or hole and tighten allen screws into canister.
14. Apply silicon around edge of fitting to prevent any water from getting inside to electrical connections.
15. To adjust angle, Insert tool into 2 holes and rotate until you reach your desired angle.
16. All connections must be carried out carefully, inspect all contacts before switching back on the electric circuit.

Must be installed by a licensed electrician

Adequate Drainage Diagram

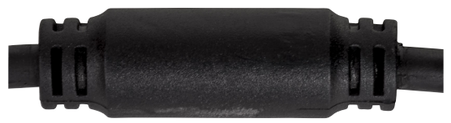


Male + Female Connector



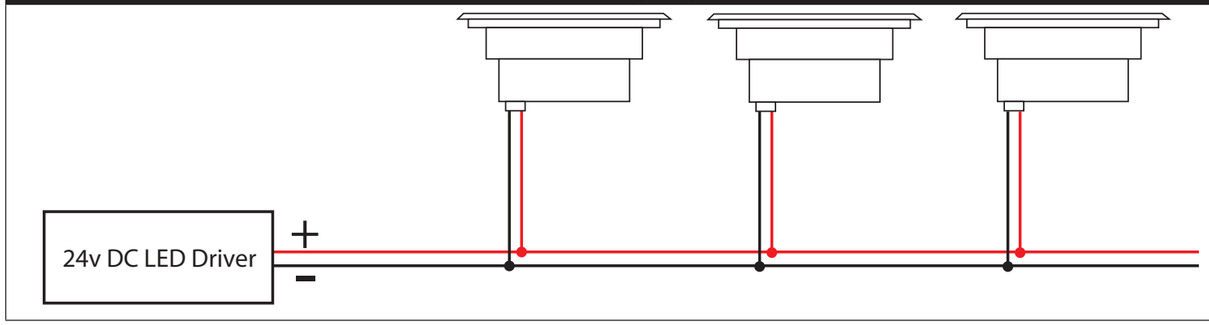
Must not be Removed

Anti Syphon Plug



Must not be Removed

Sample Wiring Diagram



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Matraville NSW 2036
Australia

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Web: www.havitcommercial.com.au

Warranty Terms & Conditions*

www.havitcommercial.com.au