

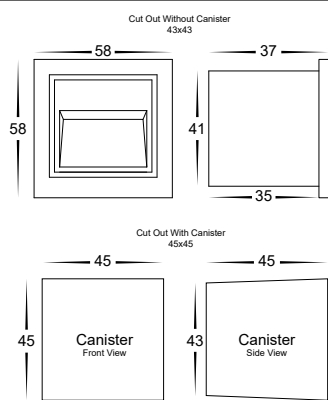
Trin Recessed Wall Lights Installation Instructions



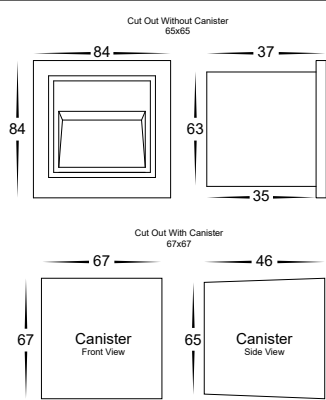
Product Specifications

Model No.	HV3111T-WHT-12V	HV3111T-BLK-12V	HV3112T-WHT-12V	HV3112T-BLK-12V	HV3112T-WHT-240V	HV3112T-BLK-240V	HV3113T-WHT-12V	HV3113T-BLK-12V	HV3113T-WHT-240V	HV3113T-BLK-240V
Name	Trin									
Material	Aluminium					Aluminium				
Colour	White	Black	White	Black	White	Black	White	Black	White	Black
Installation Type	Wall - Recessed					Wall - Recessed				
Cut Out - With Canister	(W)43mm x (H)43mm		(W)65mm x (H)65mm			(W)107mm x (H)76mm				
Cut Out - Without Canister	(W)45mm x (H)45mm		(W)67mm x (H)67mm			(W)95mm x (H)65mm				
IP Rating	IP54					IP54				
Input Voltage	12v DC Constant Voltage		12v DC Constant Voltage		240v		12v DC Constant Voltage		240v	
Protection Class	3 (Low Voltage - No Earth Required) ⚡		3 (Low Voltage - No Earth Required) ⚡		1 (Earth Required) ⚡		3 (Low Voltage - No Earth Required) ⚡		1 (Earth Required) ⚡	
Lamp Base	Built in LED					Built in LED				
Lamp Wattage	1x 1w		1x 3w			1x 5w				
Colour Temp	TRI Colour - 3000k, 4000k, 5500k		TRI Colour - 3000k, 4000k, 5500k			TRI Colour - 3000k, 4000k, 5500k				
Lumens	30lm, 35lm, 32lm		90lm, 95lm, 92lm			120lm, 130lm, 125lm				
CRI	> 80		> 80			> 80				
Wiring	Parallel					Parallel				
Dimmable	No					No				
Warranty	3 Years Replacement*		3 Years Replacement*			3 Years Replacement*				

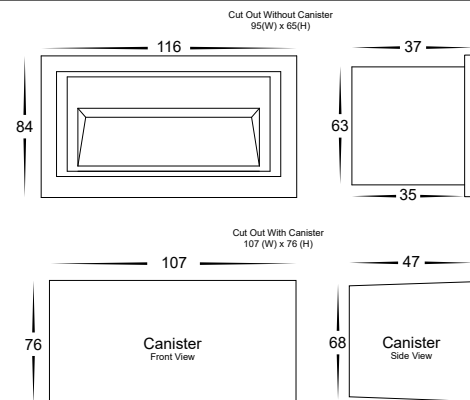
HV3111T Dimensions



HV3112T Dimensions



HV3113T 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.
- 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.
- 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, 304SS and Powder Coated 316 Stainless Steel fittings must not be installed within 5km of any salt water environments.
- 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. Make a hole where fitting is to be placed using dimensions provided in table for installation required
3. Canister Installation - Insert canister, and ensure that the top is level with wall. Failure to do so will void warranty.
4. Gyrock Installation - Attach clips to fitting using screws provided onto back of fitting. For HV3113T Models these have to be attached for canister installation.
5. Connect the cable - If more than one fitting installed, wiring must be done in parallel.
6. For HV3111T Models, Use an appropriate 12v DC LED Driver - DO NOT CONNECT LIGHT FITTING DIRECTLY TO 240V
7. Strip back cable on both fittings and cable run and twist the positive cable from fitting to positive on the cable run.
8. 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. - Move on to Step 14.
9. For HV3112T + HV3113T Models
10. For 12v Models, Use an appropriate 12v DC LED Driver - DO NOT CONNECT LIGHT FITTING DIRECTLY TO 240V
11. For 240v Installation - Use Cable with earth, Connect earth first then live and neutral.
12. Strip back the cable on both fitting and cable run and twist corresponding cables together.
13. For indoor installations, cover connections using cable connectors. Go to Step 17.
14. For outdoor installations, Solder all joins using solder and either a heat gun or butane gas torch.
15. Cover connections using an adhesive lined heat shrink or gel cap to make connection watertight. Failure to do this will void warranty.
16. Heat the heat shrink or crimp the gel cap making sure all connections are covered.
17. Colour temperature is preset to 3000k, to change slide switch located in back of fitting by removing 4x screws and slide switch to desired colour temperature.
18. Reattach back of fitting by inserting screws removed earlier and tighten and insert fitting into canister
19. Canister Installation (if installing into gyrock, skip this step) - Attach body of fitting to canister making sure body sits just behind canister edge.
20. Gyrock Installation - Insert fitting into hole by pushing down on clips and release once fitting is installed.
21. If installed outside apply silicon around edge of fitting to prevent any water from getting inside to electrical connections.
22. All connections must be carried out carefully, inspect all contacts before switching back on the electric circuit.

Must be installed by a licensed electrician

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Warranty Terms & Conditions*



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