

PRISTALUX CLEANROOM LED PANELS
INSTALLATION GUIDE



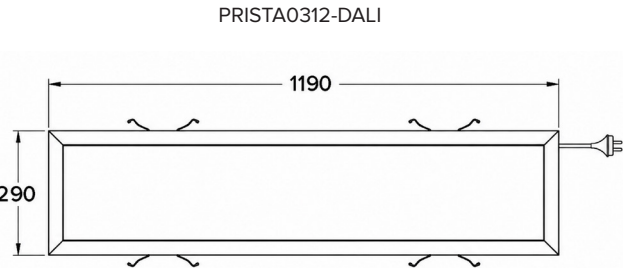
Please read these installation instructions carefully before installing or maintaining this equipment. The product is designed for installation and maintenance in accordance with relevant Australian standards (AS/NZS3000), by an authorised and licensed electrician. The installation instructions were correct at the time of print. To reflect changes in technology and Australian and New Zealand standards; Haneco reserves the right to amend the instructions without notice. Updated guidelines can be found on relevant brand web site.

FAMILY NAME: PRISTALUX

Product Specification		
Product code	PRISTA0312-DALI	PRISTA0606-DALI
SAP code	4001407	4001408
Power	47W	
Lumen	4,363 lm	
Line Current	0.218A	
Surge Protection	L-N:2KV	
Inrush Current	28.625A Peak, 346us Duration	
Earth Leakage Current	0.7mA	
IP & IK Rating	IP65 IK08	
IC Rating	DO NOT COVER	
UGR	<19	
Colour Temperature	4000K	
Nominal Voltage/ Frequency	220-240Vac, 50/60Hz	
Power Factor	>0.98	
Dimming Technology	DALI 2.0 1 to 100% Dimming range	
Electrical Classification	CLASS II	
Warranty	5 Years	

DIMENSIONS & WEIGHTS

Product code	L (mm)	W (mm)	H (mm)	Weight (kg)
PRISTA0312-DALI	1190	290	67	8.0
PRISTA0606-DALI	590	590	67	8.0



APPROVALS: The RCM marking of this product applies to AS/ NZS CISPR15 (EMC) “Limits and methods of measurement of radiodisturbance characteristics of electrical lighting and similar equipment”. This product is designed to conform to AS/ NZS60598Luminaires, general requirements and tests”.

STORAGE: Prior to installation products are to be stored in cool and dry conditions.

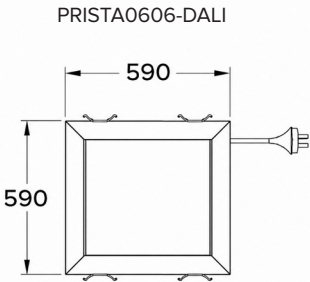
APPLICATION: The installation application and orientation of the product is designed in accordance with the nominated product IP rating, class designation and these installation instructions, installation environments and operating conditions beyond these instructions are not recommended.

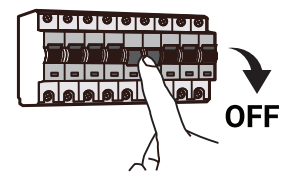
Service &
Warranty



CUTOUTS

Product code	L (mm)	W (mm)	Ceiling Thickness Height (mm)
PRISTA0312-DALI	1168	270	10-30
PRISTA0606-DALI	568	570	10-30





⚠ WARNING

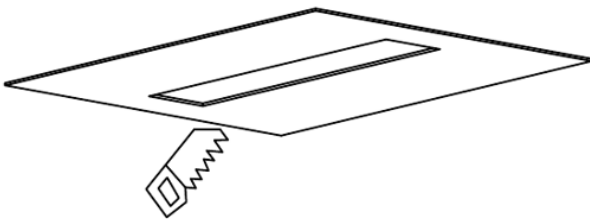
Turn off power supply before installation or before doing any maintenance work.

Important Safety Notes

Use the sequence below together with the supplied mounting frame and installation diagram. De-energise the circuit before starting work.

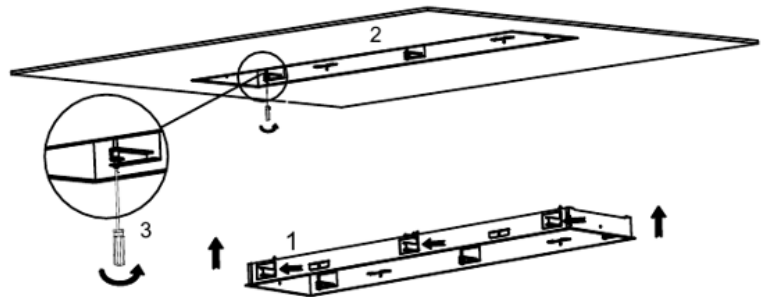
Step 1: Cut the ceiling opening

1. Mark the ceiling opening to suit the supplied luminaire and mounting frame.
2. Cut the ceiling to the specified cut-out size and confirm the ceiling thickness is 10-30 mm.



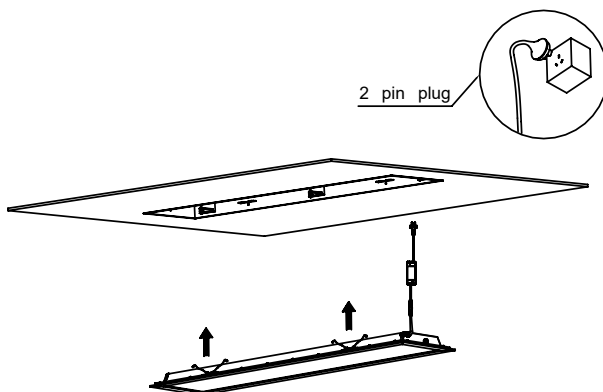
Step 2: Fit the mounting frame

3. Push the six limit brackets into the inside of the mounting frame.
4. Place the mounting frame into the ceiling opening.
5. Tighten the six screws and adjust the limit stop brackets so the frame is secure.
6. If required by the project, suspend from the seismic/safety holes with a suitable safety wire.



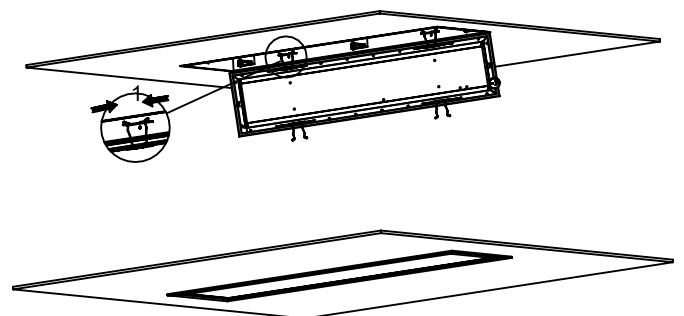
Step 3: Connect the supply

7. Connect the DC supply lead and leave enough slack between cables to avoid tension on the DC connector.
8. Insert the supplied 2-pin plug into the 220-240 V power outlet where this connection method is supplied.
9. The LED driver assembly is pre-connected with a 1.2 m cable, 2-pin flat flex/plug, and quick-connect DC lead.



Step 4: Install the luminaire

10. Insert the four luminaire hooks into the slots in the mounting frame.
11. Lift the luminaire into the mounting frame.
12. Confirm the luminaire sits tightly and evenly against the mounting frame.
13. Restore mains supply at 220-240 Vac and verify operation.



Installation Requirements – Air Flow

WARNING – RISK OF OVERHEATING OR FIRE IF THE CLEARANCE DISTANCES ARE COMPROMISED.

DANGER – RISK OF FIRE – SHALL NOT BE INSTALLED IN DOMESTIC PREMISES

- (a) The minimum distance from the top of the luminaire to any normally flammable building element is 120 mm.
- (b) The minimum distance from the top of the luminaire to any building insulation is 120mm.
- (c) The minimum distance from the side of the luminaire to any normally flammable building element is 20 mm.
- (d) The minimum distance from the side of the luminaire to any building insulation is 20 mm.