

Safety

- Do not cover any earth contacts.
- Do not insert foreign into the item.
- Do not clean using any solvent based abrasive or aggressive product.
- Do not pull any cables connected to the product.
- Some products including Light engines/LED'S and other light sources may become hot in operating, please take care when handling the products.
- The manufacturer will not be deemed liable or held responsible for any damages caused by faults or manufacturing defects that may be present in any of its products or the misuse or incorrect installation of this device. Please refer to our trouble shooting guide for further information.
- The manufacturer will not be held liable for any death(s) or injuries caused by misuse or poor installation or any unreported faults of this product version or versions thereof.
- Do not connect to a temporary electricity supply, this may damage the electronics.



ENSURE POWER SUPPLY IS OFF WHEN HANDLING ANY ELECTRICAL EQUIPMENT.

Returns & Faulty Items

- If any problem is encountered during or after installation, please call ALL LED technical department to get the problem resolved ASAP.
- Please do not just return the item to the outlet you purchased it from, as you are only entitled to a replacement or refund after the unit has undergone testing and the unit has been confirmed as having a manufacturing defect/fault. Your statutory rights are not affected.
- The manufacturer will not be deemed liable or held responsible for any damages caused by faults or manufacturing defects that may be present in any of its products or the misuse or incorrect installation of this device. Please refer to our trouble shooting guide for further information.
- All installations must be carried out in accordance with this installation guide and user manual.
- All goods are supplied under the terms and conditions of ALL LED LTD, a copy of which may be obtained upon written request.



**3 Year
Guarantee**

This product supplied with a limited 3 year guarantee, subject to terms and conditions. The manufacturer will not be deemed liable or held responsible for any damages caused by faults or manufacturing defects that may be present in any of its products or the misuse or incorrect installation of this device. Your statutory rights are not affected.



Electrical products can cause death or injury, or damage to property. This product should be fitted by a qualified electrician.



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PLEASE READ
BEFORE USE!

INSTALLATION GUIDE & USER MANUAL APNL600/40 & APNL600/60



ENSURE POWER SUPPLY IS OFF WHEN HANDLING ANY ELECTRICAL EQUIPMENT.

- This product may need to be installed by a qualified electrical installer.
- Please read this guide in its entirety to fully understand the products before attempting any install.
- All electrical work should be completed in accordance with the latest IET regulations, and/or any other relevant rules, regulations or laws of the country in which it is being installed.
- The item must be installed in isolation from any insulating material and is adequately ventilated to prevent premature failure.
- Ensure power supply is isolated prior to installation, maintenance or performing any other form of electrical work.
- In the event of incorrect or improper function with specific regard to any of ALL LED's products and contact ALL LED for further advice.

Technical Specifications

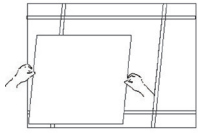
Product Code	APNL600/40, APNL600/60
Frame Colour	Matt White
Wattage	42W
Operating Voltage	200-240VAC
Frequency	50-60Hz
CCT	4000K, 6000K
CRI	>80
PF	>0.9
Beam Angle	120°
Peak Intensity	1320 Candelas
Lifetime to LM70	30,000H to LM70
Lumens	3100 Lumens
Switching Cycles	>100,000
Ambient Operating Temp	-20°~50°C
SDCM	<5
Starting Time	Instant Full Light
Ingress Protection	IP20
LED Chips	SMD 3010
Connector	Male and Female DC Quick Connector

Notes

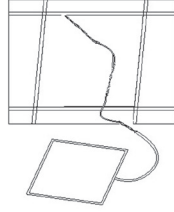
- **Should you encounter any difficulties, please refer to the troubleshooting guide on the opposite page.**
- **Should you encounter any further difficulties with this product, please contact the ALL LED technical team.**
- **Should this product cease working, a replacement drive unit will be dispatched to try to solve the issue.**
- **Do not hold this product by the trailing lead, it may damage the integrity of the product.**

Installation Instructions

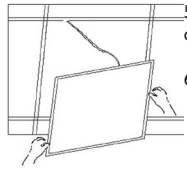
1. We recommend checking the installation with the products for suitability prior to installation.
2. Turn off power supply at source to avoid any risk of electric shock.



3. Locate where the luminaire is to be installed and remove the ceiling tile if required.

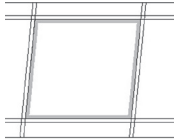


4. Remove the female DC quick connector from the male side of the LED driver and wire the LED driver into the lighting circuit according to current and relevant wiring regulations. Ensure connections are stable and correct. It is recommended to double check the installation for added safety.



5. Reconnect the LED drivers DC lock connectors together.

6. Insert the luminaire into the ceiling.

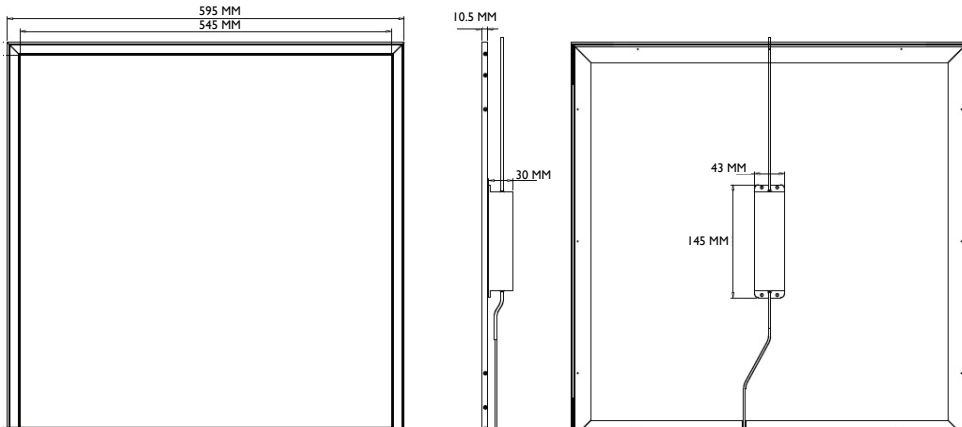


7. Ensure the luminaire is adequately supported.

8. Turn the power on once satisfied with the general integrity of the installation

9. Check the luminaire is functioning correctly.

Dimensions (mm)



Trouble Shooting Guide

PROBLEM	CAUSE(S)	SOLUTION(S)
No Light Output From LED's	No power to drive components	A qualified installer/electrician should check the Primary voltage side of the product to check the input voltage.
	Loose connection on circuit	Ensure continuous and correct connection between terminals.
	No output from the driver	Driver may be faulty and require replacement.
	Overvoltage may have caused damage to the sensitive components	These cases are rare and the item may need replacement and/or investigation as to the cause of failure.
LED's Flashing	Incorrect voltage range being used	Please ensure there is a regulated AC voltage supply within the parameters of the LED drive component. Failure to do so will void the warranty.
	LED driver may be connected to a mains dimmer switch	Please remove the dimmer switch and wire the unit to a switch, removing any mains dimmers or other dimmers on the primary side. Use of this product on a dimmer will void the warranty.
	Loose connection on circuit.	Ensure continuous and correct connection between the terminals.



ATTENTION
IF ANY PROBLEMS PERSIST, PLEASE CALL THE ALL LED TECHNICAL DEPARTMENT FOR FURTHER ASSISTANCE.