

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 ITEM IS INSTALLED IN ISOLATION FROM ANY INSULATING MATERIAL THAT MAY HAMPER THE COOLING OF THE ITEM.

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.



Environmental Protection
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice



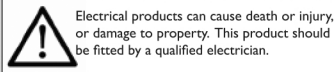
This product supplied with a limited 3 year guarantee, subject to terms and conditions. The manufacturer will not be deemed liable or held responsible for any damages caused by faults or manufacturing defects that may be present in any of its products or the misuse or incorrect installation of this device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



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INSTALLATION GUIDE & USER MANUAL

ASCRF/RCV



WARNING REGULATED 12-36VDC CONSTANT VOLTAGE LED DRIVER INPUT ONLY



DO NOT CONNECT THIS PRODUCT TO MAINS SUPPLY.

- This product must 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, immediately isolate supply and contact ALL LED for further advice.

Technical Information

Product Code	ASCRF/RCV			
	VOLTAGE (DC)	12V	24V	36V
Operating Output Wattage	MAX WATTAGE (W)	4 x 60W	4 x 120W	4 x 180W
Number of Channels	4			
Operating Voltage	12-36V DC (CONSTANT VOLTAGE)			
Output Current	4 x 5A			
Maximum Distance From Transmitter	20 Metres (Uninterrupted)			
Ambient Operating Temp	-10°C ~ 50°C			
Ingress Protection	IP20			
Dimming Type	RF (Wireless) and/or PWM (Wired)			

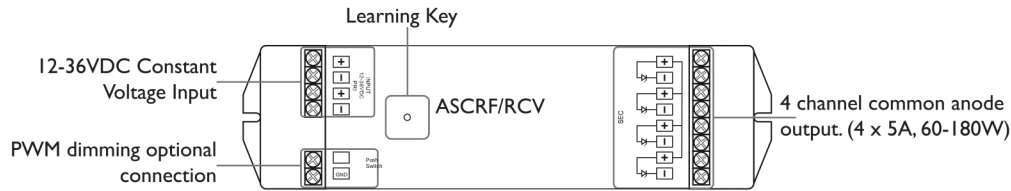
Compatible and Related Products

Compatible Product	Description	Image
ASCRF/1G	1 GANG SURFACE OR FLUSH WIRELESS RF WALLSTATION TRANSMITTER, WHITE GLASS SURROUND.	
ASCRF/2G	2 GANG SURFACE OR FLUSH WIRELESS RF WALLSTATION TRANSMITTER, WHITE GLASS SURROUND.	
ASCRF/RMT	RF SLIMLINE REMOTE CONTROLLER WITH SMOOTH DIMMING FUNCTION.	

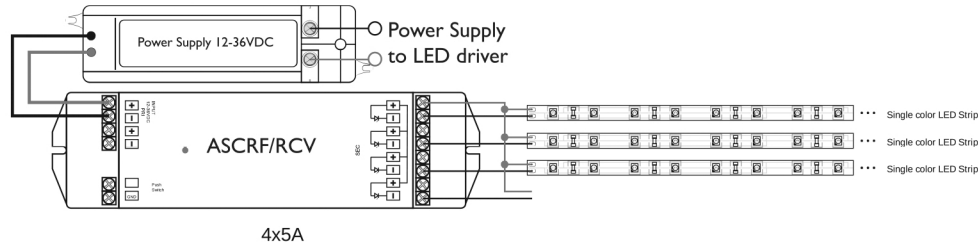


NOTICE
This product must be dimmed using the approved products listed in the table above. Please call ALL LED's technical department prior to installation.

Product Detail



Wiring Diagram



PUSH Please note this product may be hard wired using an optional retractive switch (not included), or alternatively using the RF transmitting devices (not included) available for purchase that are listed on the front page of this user manual.

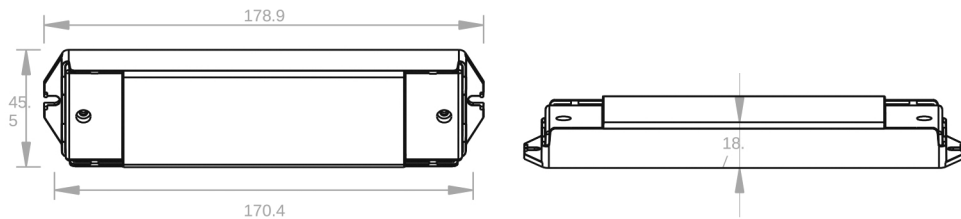
Instructions & Programming

1. We recommend checking the installation with the products for suitability prior to installation.
2. Wire the item in as shown in the wiring diagram above and double check the installation.
3. Provide power to the circuit.
4. Push the learning key on the receiver and release immediately. This will put the receiver into a 'learning mode'.
5. Press any button on the transmitting unit to pair the items together. The connected LED's will flash giving confirmation of successful pairing.
6. If using PWM, holding the switch down will slowly raise or lower the light output to its maximum or minimum. A quick press will result in the item turning on and off.

NOTES

- Holding the learning key on the receiver for 5 seconds until the LED lights flash, will result in the item deleting any previous pairings with any supported products (reset to factory default).
- A maximum of 8 remote RF transmitting units can be paired with 1 receiver.
- When replacing batteries in any products, please replace them within 5 minutes of taking any old ones out.
- Please dispose of old batteries in a safe manner.
- This item has a memory, meaning that it will turn on to the same output level as when it was last powered off.
- **Should you encounter any difficulties with this product, please contact the ALL LED technical team.**

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.
	Incorrect Polarity	Check the black and red cables on the circuit, + and - respectively are correctly connected to the correct 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.
	No Battery/End of battery life	Insert/Replace battery.
	Devices not paired	Pair devices using instructions.
LED's Flashing	Incorrect driver being used for the product	Please only use drivers designed for this product. 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 according to the wiring diagram on the opposite page, removing any mains dimmers or incompatible dimming 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.