

# RICOMAN<sup>®</sup>

## Protium Max LED Downlight INSTALLATION INSTRUCTIONS



PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION AND LEAVE  
A COPY WITH THE END USER FOR FUTURE REFERENCE.

**SAFETY INFORMATION** – We recommend that luminaires be installed by a fully qualified and competent electrician who understands building regulations and the current IEE wiring regulations.

Before commencing any installation or maintenance work, ensure electricity is switched off at the mains.



### IMPORTANT USER INFORMATION

Please install and use strictly in accordance with these instructions, improper installation could cause harm to your property or person. It is the installer's responsibility to consider fire & safety risk and take appropriate precautions.

### PRE INSTALLATION INSTRUCTIONS & GUIDELINES

- Ensure the supplied LED driver is used to connect to the AC input.
- Ensure the hole size is cut to the specified size as a hole too big or too small can lead to installation issues.
- Do not disassemble or amend the structure of the luminaire as this can be dangerous and it would void your warranty.
- The luminaire must be installed in a ceiling, which should be firm enough to hold the weight of more than five times of the fitting itself.
- The luminaire must not be installed above hot objects such as ovens to avoid damage to the fitting.
- Ensure there is adequate space for ventilation around the fitting.
- The lamp must have at least 75mm vents around
- The space height between the ceiling and the roof must be higher than 20mm above the height of the fitting.
- Ensure that ALL electrical connections are tight with no loose strands.

### CLEANING AND MAINTENANCE

- For safety and efficiency, please clean and inspect the product regularly (6 months)
- Clean the lamp with a soft cloth dipped in detergent water, then wipe with a dry cloth
- Do not use thinner, gasoline or other volatile materials to wipe the lamp, to avoid damage

### SPECIFICATION

| Part Codes                        | Type   | Wattage | Kelvin        | Lumens<br>(At 4000K) | Running Current |
|-----------------------------------|--------|---------|---------------|----------------------|-----------------|
| R093011/3K/25W   R093011/4K/25W   | Single | 25W     | 3000K   4000K | 2520                 | DC600mA         |
| R093011/3K/40W   R093011/4K/40W   |        | 40W     |               | 3997                 | DC1050mA        |
| R093012/3K/50W   R093012/4K/50W   | Double | 50W     | 3000K   4000K | 5025                 | DC1200mA        |
| R093012/3K/80W   R093012/4K/80W   |        | 80W     |               | 7995                 | DC2.1A          |
| R093013/3K/75W   R093013/4K/75W   | Triple | 75W     | 3000K   4000K | 7589                 | DC1.8A          |
| R093013/3K/120W   R093013/4K/120W |        | 120W    |               | 12083                | DC3.15A         |

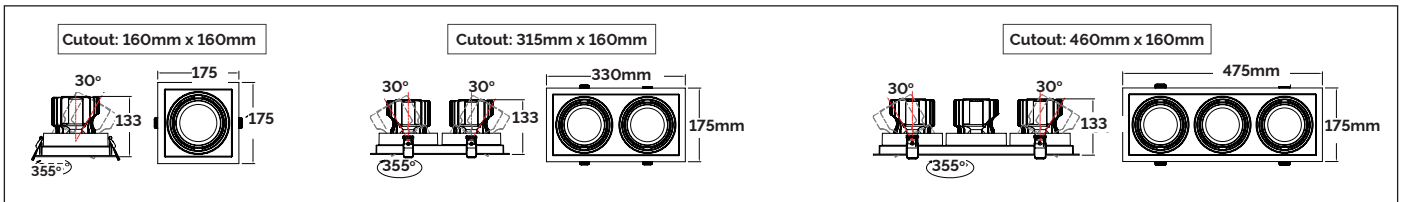
**Power Supply:** AC220-240V  
**Power Factor:** >0.95  
**CRI:** >90 Ra  
**Driver:** Remote  
**Body:** Aluminium

# Protium Max LED Downlight

## INSTALLATION STEPS

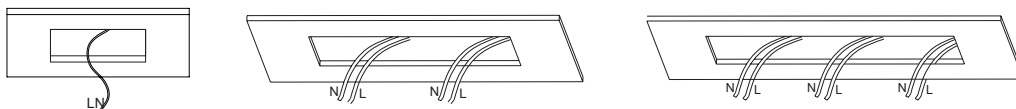
Before following these steps please ensure you have read and adhered to the guidelines and information overleaf.

### DIMENSIONS



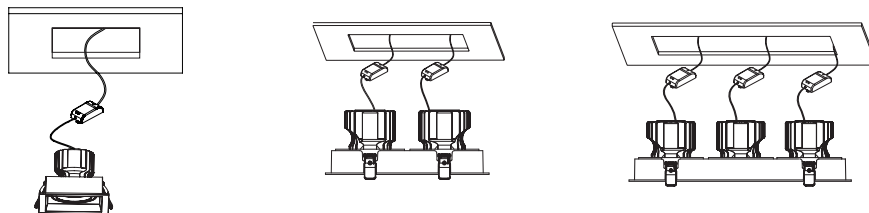
### STEP 1

Ensure power is turned off. Cut out a mounting hole in the ceiling. Follow the dimension diagram above for the hole dimensions. Then, Locate the power cable to be connected to the luminaire.



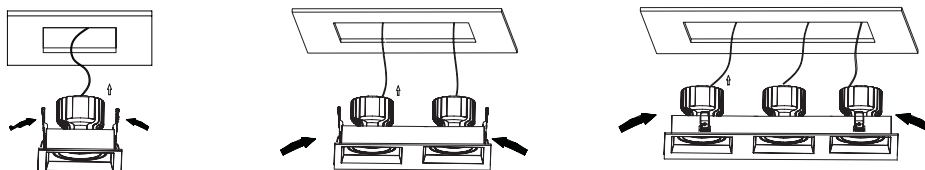
### STEP 2

Connect the power supply wires.



### STEP 3

Extend the spring clips to the top of the fitting, and insert the fitting into the ceiling allowing the clips to retract onto the ceiling.



### STEP 4

Installation complete. Switch on the power supply once connection is correct.



### ENVIRONMENTAL PROTECTION



Waste Electrical & Electronic Equipment Regulations (WEEE) requires that any of our products showing this marking must not be disposed of with other household or commercial waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate any such product from other waste types and recycle it responsibly at your local facilities. Check with your Local Authority, Recycling Centre or retailer for recycling advice.

### WARRANTY

This product is in warranty in the UK for a period of 5 year from the date of purchase. The guarantee is invalid in the case of improper use, installation, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the IEE Wiring Regulations. Should this product fail during the warranty period, it will be replaced free of charge, subject to the aforementioned conditions and return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected.