

Installation Instructions

Remote Controlled Spotlight Type Nova

BEFORE YOU START

Read these instructions carefully. For the latest instructions on all our products see www.rclighting.com/downloads

These instructions cover the following installation methods:

- A Mounting Ring Installation
- B Fixture Installation
- C Fixture Removal
- D Accessory Installation

IMPORTANT

- When installing Nova, ensure that the mounting surface is flat ($\pm 5^\circ$).

If you have any difficulty installing this product please contact:

Remote Controlled Lighting Ltd (UK)
42 Riverside Road, London SW17 0BA
+44 (0) 20 8404 2400
rcpllsupport@luminii.com

Remote Controlled Lighting Ltd (Asia)
Unit 13, 8/F, Lai Sun Yuen Long Centre
21-35 Wang Yip Street East,
Yuen Long, Hong Kong
T: +852 2310 9733
F: +852 2310 9723
asia_sales@rclighting.com

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Important Safety Information

READ INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT. SAVE INSTRUCTIONS FOR LATER REFERENCE.

PRODUCT IS NOT SUITABLE FOR PHASE DIMMING

Products must be installed by a suitably qualified professional only. Installations must conform to national installation codes and accident prevention regulations.

If using a track adaptor, ensure it is compatible with the track system installed. Failure to do so may result in danger of electric shock and damage to the product.

Ensure electrical rating shown on product label conforms to mains voltage supply.

Do not modify the product in any way. RCL accepts no responsibility for damage caused by modifying this product.

IP20 Product is rated IP20 unless otherwise stated. Install indoors only and away from damp or wet environments.

This symbol indicates the minimum distance to a lighted object and must be observed.

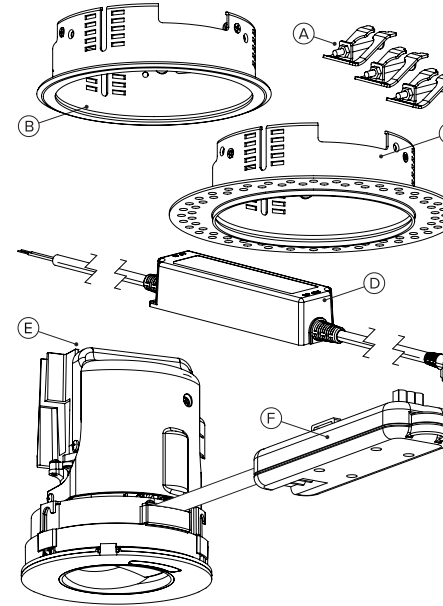
Caution, product will become hot in use. Allow to cool before touching.

Dispose of this product in accordance with WEEE or other national regulations.

Products marked with this symbol are compliant with Class III regulations.

A Mounting Ring Installation

1 Before you start, check that you have all the parts listed below. Only 1 part of either (B) or (C) should be included.

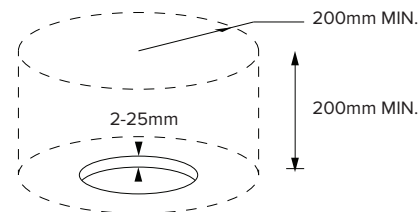


A - Mounting Screw and Bracket (x3); B - Trimmed Mounting Ring; C - Trimless Mounting Ring; D - Power Supply Unit; E - NOVA Luminaire; F - DC Junction Box

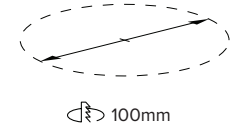
NOTES

- Transformer may differ from model shown above depending on voltage region.

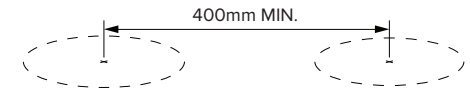
2 The NOVA fixture requires a *minimum* clearance distance of 200mm above and around the mounting point and a *maximum* ceiling material thickness of 25mm.



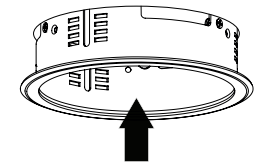
3 Mark up ceiling and cut a circular hole 100mm in diameter.



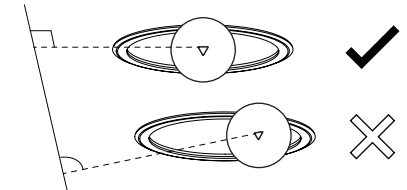
4 For multiple installations, ensure a *minimum* distance of 400mm between mounting points.



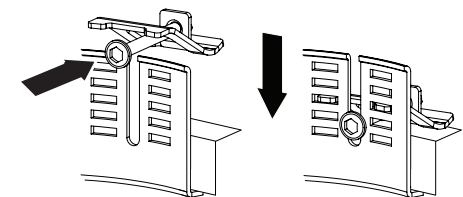
5 Insert the mounting ring into the hole and push up so that it sits flush with the ceiling.



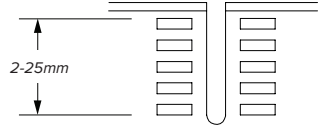
6 Align the primary hooks *perpendicular* to a feature such as a wall. This will ensure that all fixtures will align when in their home (neutral) position.



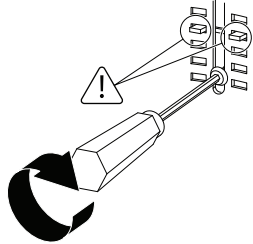
7 Pre-load each mounting screw into the mounting brackets. Holding the mounting ring in place, insert a mounting bracket into a slot on the mounting ring, then slide it down the slot until it hits the ceiling material.



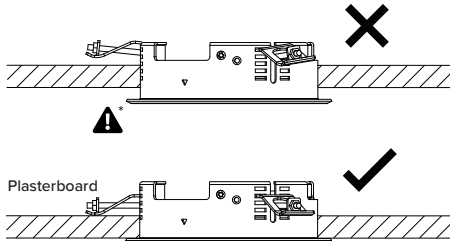
- 8 These guidelines can be used to determine the most appropriate slots to use for varying ceiling thicknesses.



- 9 Insert fixing studs into mounting ring holes and, using a 2.0mm hex screwdriver, secure the clip in place. Repeat this process for each fixing clip.



- 10 Ensure that the mounting ring is securely installed, with the fixing clips firmly against the plaster frame.

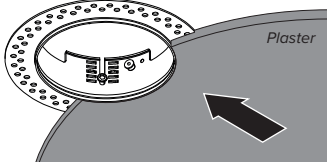


⚠ WARNING

- If for any reason the mounting ring cannot be fitted securely, stop the installation and contact RCL.

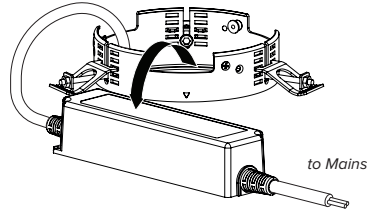
⚠ IMPORTANT

- If installing a trimless Nova, ensure luminaire is not installed in the mounting ring when plastering. Clean inside of ring afterwards.

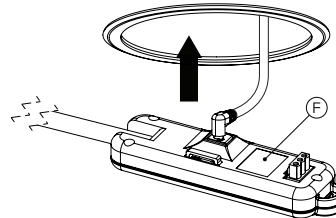


B Fixture Installation

- 1 Insert the power supply through the mounting ring onto the upper surface of the ceiling and connect to mains supply.



- 2 Run low voltage cable through the hole at top of mounting ring and connect to the DC Junction Box using the right angled connector jack (supplied).

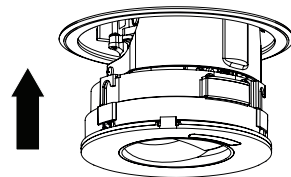


⚠ WARNING

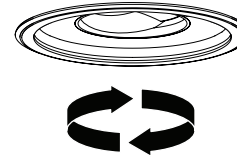
- Do not supply more than 48V to the DC Connector Box.
- Mains voltage cable should be wired in accordance with international standard IEC 60446:

Neutral - Blue Live - Brown

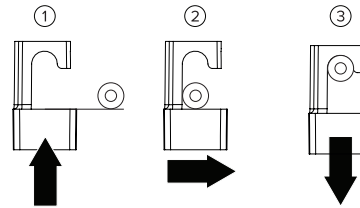
- 3 Insert the DC Junction Box in through the mounting ring followed by luminaire. Push the luminaire up until it stops.



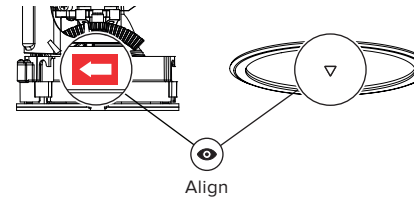
- 4 Rotate the luminaire *clockwise* until it stops and pull down. It should now be locked in place.



- 5 Ensure that mounting ring studs locate securely in the luminaire mounting hooks, as shown below.

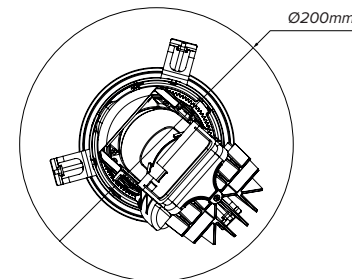


- 6 For multiple fixtures, locate the 'primary' stud on the mounting ring, marked with an arrow cutout, and pair with the 'primary' hook on the luminaire, marked with a red arrow label.

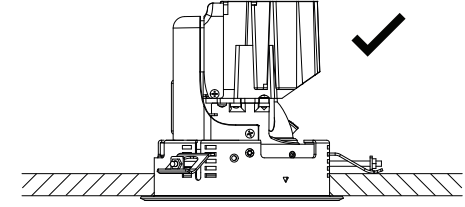


C Fixture Removal

- 1 Nova has a unilateral tilt mechanism that hangs over the mounting ring when at full tilt. This means that the pan diameter is larger when at 30° than at 0° tilt.

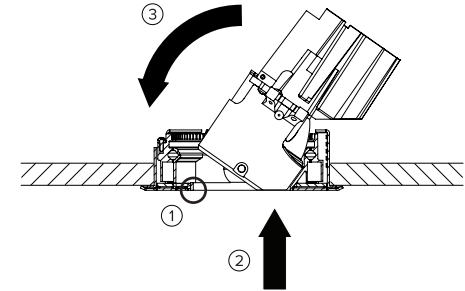


- 2 To extract NOVA, ensure that the tilt is set to 0° or "Home Position" using the RCL Handheld Remote.

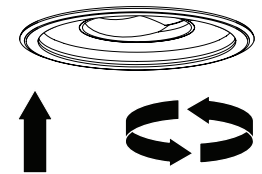


- 3 If unable to motorise the fixture via RCL Handheld Remote, a mechanical extraction can be performed.

To perform a mechanical extraction, pull the baffle down with one hand, and push the head up, rotating it about the tilt axis until vertical.

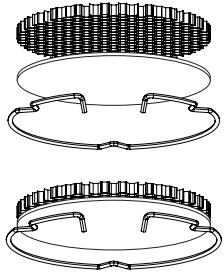


- 3 Push the fixture up, rotate *anti-clockwise* until it stops then pull down. The fixture can now be disconnected from power.

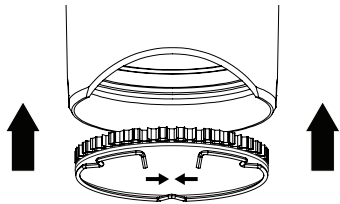


D Accessory Installation

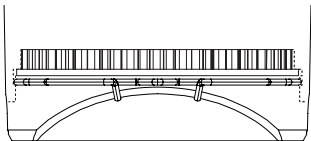
- 1 To install accessories into the Nova luminaire, you will need the compatible accessory holder. Nova can retain a honeycomb louvre and filter disc.
- 2 Align the accessories into a stack, with the accessory holder on the bottom (prongs facing downwards).



- 3 Compress the accessory holder and insert with accessories into the luminaire snoot, until there is contact with the inside edge feature.



- 4 To complete the installation, make sure that the accessory holder is engaged with the internal slot shown below.





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