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Arlux Lighting Onyx R2

Arlux Lighting Onyx R2 Round Recessed LED Spot Light User Manual

1. PRODUCT OVERVIEW

Thank you for choosing the Arlux Lighting Onyx R2 Round Recessed LED Spot Light. This product is designed for indoor use, providing efficient and modern illumination. This manual provides essential information for the safe installation, operation, and maintenance of your new LED spot light.

Safety Information

- Read all instructions carefully before installation and use.
- Installation must be performed by a qualified electrician in accordance with local electrical codes and regulations.
- Ensure the power supply is disconnected at the main circuit breaker before installation, maintenance, or cleaning.
- Do not modify the product in any way. Unauthorized modifications may void the warranty and pose safety risks.
- This product is designed for indoor use only. Do not expose to moisture or extreme temperatures.
- Do not look directly into the LED light source when it is illuminated, as this may cause eye strain or damage.
- Keep packaging materials out of reach of children.

2. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1 x Arlux Lighting Onyx R2 Round Recessed LED Spot Light
- 1 x LED Driver (Power Supply)
- Mounting hardware



Image 2.1: The Arlux Lighting Onyx R2 Recessed LED Spot Light shown with its separate LED driver (power supply) and connecting cable.

3. SPECIFICATIONS

Brand	Arlux Lighting
Model	Onyx R2
Type	Recessed LED Spot Light

Shape	Round
Power Consumption	18 Watts
Luminous Flux	1550 Lumens
Color Temperature	4000 Kelvin (Neutral White)
Material	Aluminium
Color	White
Item Weight	390 grams
Installation Type	Ceiling Mount (Recessed)
Power Source	Corded Electric
Specific Uses	Ceiling illumination for indoor spaces

4. SETUP AND INSTALLATION

4.1 Pre-installation Checklist

- Tools Required:** Drill, hole saw (appropriate diameter for recess), wire strippers, screwdriver, voltage tester.
- Power Supply:** Ensure the electrical circuit is compatible with the spot light's power requirements (18W).
- Ceiling Space:** Verify sufficient clearance above the ceiling for the fixture and driver.
- Safety First:** Always turn off the main power supply at the circuit breaker before starting any electrical work.

4.2 Installation Steps

- Prepare the Ceiling:** Using an appropriate hole saw, cut a circular opening in the ceiling at the desired installation location. Refer to the product specifications for the exact cutout diameter (typically around Ø200-210mm for a Ø225mm fixture).
- Connect the Driver:** Connect the AC input wires from your household electrical supply to the input terminals of the LED driver. Ensure correct polarity (Live, Neutral, Earth) as indicated on the driver. Secure connections firmly.
- Connect the Spot Light:** Plug the DC output cable from the LED driver into the corresponding input port on the back of the Onyx R2 spot light. This connection is typically a simple plug-and-play connector.
- Insert the Spot Light:** Gently push the spring clips on the sides of the spot light upwards and insert the fixture into the prepared ceiling opening. The spring clips will hold the light securely in place.
- Final Check:** Ensure the spot light is flush with the ceiling surface and securely mounted.
- Restore Power:** Turn the main power supply back on at the circuit breaker.



Image 4.1: The Arlux Lighting Onyx R2 Recessed LED Spot Light shown installed flush within a ceiling, providing ambient lighting.

5. OPERATING INSTRUCTIONS

The Arlux Lighting Onyx R2 Recessed LED Spot Light operates immediately upon receiving power. It is typically controlled by a standard wall switch connected to the electrical circuit.

- **Turning On/Off:** Use the wall switch connected to the light fixture to turn the light on or off.
- **Dimming:** This model is not specified as dimmable. Attempting to use it with a non-compatible dimmer switch may cause damage or malfunction.

6. MAINTENANCE

The Arlux Lighting Onyx R2 LED Spot Light requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Wipe the surface of the light with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **LED Longevity:** LED lights have a long lifespan and do not require bulb replacement. If the light stops functioning, refer to the troubleshooting section.

7. TROUBLESHOOTING

If you encounter issues with your Arlux Lighting Onyx R2 LED Spot Light, please consult the following table before contacting support.

Problem	Possible Cause	Solution

Light does not turn on	No power supply Loose wiring connection Faulty LED driver Faulty light fixture	Check circuit breaker and wall switch. Verify all wiring connections are secure (power off first). Test the driver if possible, or replace it. If driver is functional, the fixture may be faulty; contact support.
Light flickers	Unstable power supply Loose wiring Incompatible dimmer switch (if used)	Ensure stable power. Check for loose connections. Remove dimmer switch if not compatible, or replace with a compatible LED dimmer.
Light is dim	Incorrect power supply Voltage drop	Ensure the correct LED driver is used. Consult an electrician to check for voltage issues in your electrical system.

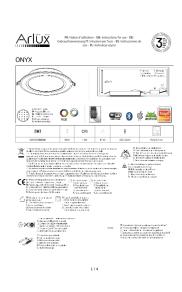
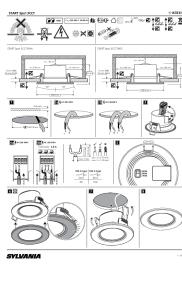
8. WARRANTY AND SUPPORT

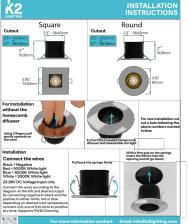
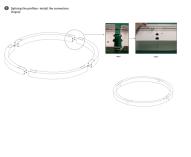
Information regarding specific warranty terms for the Arlux Lighting Onyx R2 Round Recessed LED Spot Light is not available in the provided product details. For warranty inquiries or technical support, please contact your retailer or the manufacturer directly.

Spare parts availability information is also not available. Please contact your point of purchase for assistance with replacement components.

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Related Documents - Onyx R2

	<p><u>Arlux ONYX Smart LED Downlight: Installation and User Guide</u></p> <p>Comprehensive instructions for installing and using the Arlux ONYX smart LED downlight, covering setup, safety, and app connectivity. Features 18W power, RGB+Dynamic White, Wi-Fi, and voice assistant compatibility.</p>
	<p><u>SYLVANIA START Spot 3CCT LED Downlight Installation Guide and Specifications</u></p> <p>Comprehensive installation guide and technical specifications for the SYLVANIA START Spot 3CCT LED downlight. Features include IP ratings (IP44, IP65), adjustable color temperature (2700K, 3000K, 4000K), electrical requirements (220-240V), and detailed step-by-step installation instructions.</p>

	<p>K2 Lighting Cira Spotlight Installation Instructions</p> <p>Detailed installation instructions for K2 Lighting's Cira recessed glare-free spotlights, covering square and round models, cutout dimensions, wiring, and mounting procedures.</p>
	<p>Arlux Home Secure Camera 101 Projector User Manual</p> <p>User manual for the Arlux Home Secure Camera 101 projector, detailing installation, features, and maintenance. This LED projector with an integrated infrared detector and HD camera offers smart lighting and intrusion detection for outdoor use.</p>
	<p>RAB BOA Field-Adjustable Linear Lighting Spec Sheet</p> <p>Detailed specifications and performance data for the RAB BOA Field-Adjustable Linear Lighting system, including wattage, lumens, efficacy, CRI, and various configuration options.</p>
	<p>PROLUMEN Round LED Light Fixture Installation Guide</p> <p>Comprehensive installation instructions for PROLUMEN Round LED light fixtures, covering pendant, ceiling, and recessed mounting options. Includes step-by-step guidance and component identification.</p>