MUNEFE MUNEFEdvxfr49sny-01

Motion Sensor LED Ceiling Light User Manual

Model: MUNEFEdvxfr49sny-01

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MUNEFE Motion Sensor LED Ceiling Light. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The MUNEFE Motion Sensor LED Ceiling Light is designed for various indoor and outdoor applications, including hallways, stairwells, basements, closets, porches, and garages. It features automatic motion sensing for energy efficiency and convenience.

SAFETY INFORMATION

- Always disconnect power at the circuit breaker before installation or servicing.

- Installation should be performed by a qualified electrician if you are unsure about electrical wiring.

- Do not install in locations with excessive moisture or direct water exposure unless specifically rated for such environments.

- Ensure the mounting surface can support the weight of the fixture.

- Do not look directly into the LED light source when illuminated.

- Keep out of reach of children.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x LED Infrared Sensor Downlight (18 Beads Cool White)

- 1 x LED Driver (integrated)

Image: The MUNEFE Motion Sensor LED Ceiling Light, showing the main light fixture with integrated motion sensor and the connected LED driver unit.

PRODUCT OVERVIEW

The MUNEFE Motion Sensor LED Ceiling Light consists of the main light unit with an integrated motion sensor and a separate LED driver. The light unit is designed for recessed ceiling installation, providing a flush and modern appearance.

Image: The LED ceiling light with a visual indication of its 11cm (4.3 inch) diameter.

Image: A close-up view of the LED driver unit, showing input and output specifications.

SPECIFICATIONS

Parameter	Value
Product Name	LED Human Body Induction Light
Model Number	MUNEFEdvxfr49sny-01
Material	PC + Aluminum
Emitting Color	Cool White
Input Voltage	AC85-265V
Output Power	9W
Light Angle	120°
Color Temperature	6000K (Cool White)
Operating Temperature	-20°C ~ 40°C
Working Humidity	5% ~ 95%
Lifespan	>50,000 hours

Color Rendering Index (CRI)	70-80
Sensing Distance	6-8 meters
Sensing Angle	10°
Delay Time	60 ± 10% seconds
Light Range (Lux)	No more than 8-12 lx (for activation)
Induction Interval Time	3 seconds
Dimension (Diameter)	Approx. 11cm / 4.3 inches
Item Weight	Approx. 128g (4.6 ounces)

SETUP AND INSTALLATION

This LED downlight is designed for recessed installation. Follow these steps carefully:

1. **Prepare the Installation Area:**
   - Turn off the main power supply at the circuit breaker before starting any electrical work.
   - Cut a circular hole in the ceiling with a diameter appropriate for the light fixture (approximately 11cm or 4.3 inches). Ensure there is enough clearance above the ceiling for the fixture and driver.

2. **Connect Wiring:**
   - Connect the input wires of the LED driver to your household AC power supply (AC85-265V). Typically, blue is neutral and brown is live. Ensure connections are secure using appropriate wire connectors.
   - The LED driver is pre-connected to the light fixture. Do not alter these connections.

Image: The LED ceiling light showing the connected LED driver and the input wires ready for connection to the main power supply.

3. **Insert into Ceiling:**
   - Carefully push the spring clips on the sides of the light fixture upwards.
   - Insert the light fixture into the prepared hole in the ceiling. The spring clips will hold the fixture securely in place.
   - Ensure the LED driver is placed safely above the ceiling, away from any heat sources or obstructions.

4. **Restore Power:**
   - Once the fixture is securely installed and all wiring connections are complete, restore power at the circuit breaker.

OPERATING INSTRUCTIONS

The MUNEFE Motion Sensor LED Ceiling Light operates automatically based on motion detection and ambient light levels.

- **Automatic Activation:** The light will automatically turn on when it detects movement within its sensing range (6-8 meters) and when the ambient light level is below 8-12 lux (i.e., in dim or dark conditions).

- **Automatic Deactivation:** If no further movement is detected for approximately 60 seconds (±10%), the light will automatically turn off.

- **Induction Interval:** After turning off, there is a 3-second interval before the sensor can re-detect motion and turn the light back on. This prevents rapid on/off cycling.
- **Placement Considerations:** For optimal performance, install the light in an area where the motion sensor has an unobstructed view of the intended detection zone. Avoid placing it near heat sources or in direct sunlight, which can interfere with sensor operation.

MAINTENANCE

The MUNEFE Motion Sensor LED Ceiling Light requires minimal maintenance.

- **Cleaning:** To clean the fixture, ensure the power is off. Use a soft, dry cloth to wipe the surface. Do not use abrasive cleaners, solvents, or liquids directly on the light or sensor.
- **Bulb Replacement:** The LED bulbs are integrated and designed for a long lifespan (>50,000 hours). They are not user-replaceable.
- **Inspection:** Periodically inspect the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Ambient light is too bright. Sensor obstructed or faulty.	Check circuit breaker and wiring connections. Test in a darker environment. Ensure sensor is clean and unobstructed. If still not working, contact support.
Light stays on continuously.	Constant motion detected. Sensor faulty.	Ensure no continuous movement within sensing range. Relocate if necessary. If no motion, sensor may be faulty; contact support.
Light turns on/off too frequently.	Interference with sensor. Minor, intermittent motion.	Ensure sensor is not affected by drafts, heat sources, or reflective surfaces. Adjust placement if possible to minimize detection of minor movements.
Sensing distance is too short.	Obstructions. Sensor angle.	Ensure no furniture or objects block the sensor's field of view. Verify the light is installed at an optimal height and angle for the desired detection area.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the purchase documentation or contact MUNEFE customer service through the retailer where the product was purchased. Please have your model number (MUNEFEdvxfr49sny-01) and purchase date available when contacting support.

Manufacturer: MUNEFE

Related Documents - MUNEFEdvxfr49sny-01
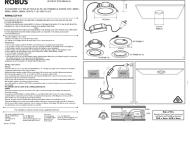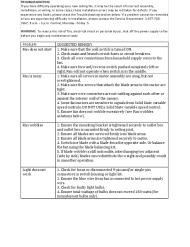
	ROBUS VIRTUE 18W/24W LED Downlight Installation Guide Comprehensive installation and user guide for the ROBUS VIRTUE 18W/24W LED Downlight (RVR1840-01, RVR2440-01). Includes safety instructions, technical specifications, operating conditions, installation steps, diagram descriptions, disposal information, and fire risk warnings.
	Robus R8WDLCCT4-01 Slim LED Dimmable Downlight Installation Manual Installation instructions and safety information for the Robus R8WDLCCT4-01 8W CCT Selectable Slim LED Dimmable Downlight. Includes details on CCT selection, installation steps, and safety warnings.
	Honeywell Kaliza Ceiling Fan Troubleshooting Guide Find solutions for common issues with your Honeywell Kaliza ceiling fan, including problems with starting, noise, wobbling, lights, and remote control. This guide provides step-by-step remedies.
	Hunter Arvada Ceiling Fan Installation Manual This document provides installation instructions and a parts list for the Hunter Arvada ceiling fan, model 59035. It includes diagrams and detailed part descriptions in both English and Spanish.
	Modern LED Ceiling Light JX-01 Installation Manual and Warranty Comprehensive installation guide and warranty policy for the Modern LED Ceiling Light, model JX-01. This document provides safety instructions, component identification, step-by-step assembly procedures, app control setup, remote control usage, and FCC compliance information.
	CROSSIO CFL-1163-01 Ceiling Fan with Lights Installation Manual This manual provides detailed instructions for the installation, operation, and maintenance of the CROSSIO CFL-1163-01 Ceiling Fan with Lights. It includes safety precautions, a packing list, installation steps, remote control functions, app control instructions, and troubleshooting tips.