

Lepro PR340011-DW-EU-2

Lepro 20W LED Floodlight (2-Pack) Instruction Manual

Model: PR340011-DW-EU-2

1. INTRODUCTION

Thank you for choosing the Lepro 20W LED Floodlight. This manual provides essential information for the safe installation, operation, and maintenance of your new floodlights. Please read these instructions carefully before use and retain them for future reference.



Image 1.1: Two Lepro 20W LED Floodlights with power cable. These floodlights are designed for outdoor use, providing bright and efficient illumination.

2. SAFETY INSTRUCTIONS

To ensure safe operation, always follow these guidelines:

- **Electrical Safety:** Ensure the power supply is disconnected before installation or maintenance. All electrical connections must comply with local wiring regulations. If unsure, consult a qualified electrician.
- **Grounding:** The floodlight must be properly grounded to prevent electric shock.
- **Voltage:** Verify that the supply voltage matches the floodlight's rated voltage (240 Volts AC).
- **Water Resistance:** The product is IP65 rated, meaning it is protected against dust ingress and low-pressure water jets from any direction. However, do not submerge the unit in water.
- **Heat:** The floodlight generates heat during operation. Do not cover the unit or install it in an enclosed space without adequate ventilation.
- **Mounting:** Ensure the mounting surface is strong enough to support the weight of the floodlight.
- **Light Source:** Do not stare directly into the LED light source when it is illuminated, as this may cause eye strain or damage.

3. PACKAGE CONTENTS

Your package should contain the following items:

- 2 x Lepro 20W LED Floodlights
- Instruction Manual (this document)

4. PRODUCT FEATURES

The Lepro 20W LED Floodlight offers the following key features:

- **Ultra-Bright and Energy-Efficient:** Utilizes SMD 2835 LEDs and an optimized reflector design to deliver 1700 lumens of daylight white light (5000K) with only 20W of power consumption, equivalent to a 140W halogen lamp.
- **Durable and Weatherproof:** Constructed from die-cast aluminum and tempered glass, with an IP65 rating for resistance against dust and water, suitable for all weather conditions.
- **Efficient Heat Dissipation:** Features an ultra-thin housing and integrated heat sink design for effective heat management, extending the product's lifespan.
- **Wide Beam Angle:** Provides a 110° beam angle for broad illumination coverage.
- **360° Rotatable Bracket:** The mounting bracket allows for 360° rotation, enabling flexible adjustment of the light direction.
- **Easy Installation:** Designed for straightforward installation on various surfaces.

Super Bright LED Flood Light

Not Included Motion Sensor



28 LED

LED Qty

5000K

Color Temperature

1700lm

Brightness

110°

Beam Angle

Image 4.1: Key lighting specifications of the floodlight, including LED quantity, color temperature, brightness, and beam angle.

20W Provides 1700 Lumens

140W Incandescent Lamp Equivalent



Image 4.2: Illustration of the floodlight's coverage, demonstrating that 20W provides 1700 lumens, effectively illuminating a 5-meter diameter area when mounted at 4 meters height.

Excellent Heat Dissipation



Image 4.3: The rear of the floodlight, illustrating the heat dissipation fins designed to efficiently release heat and prolong the product's lifespan.

360° Rotatable Bracket

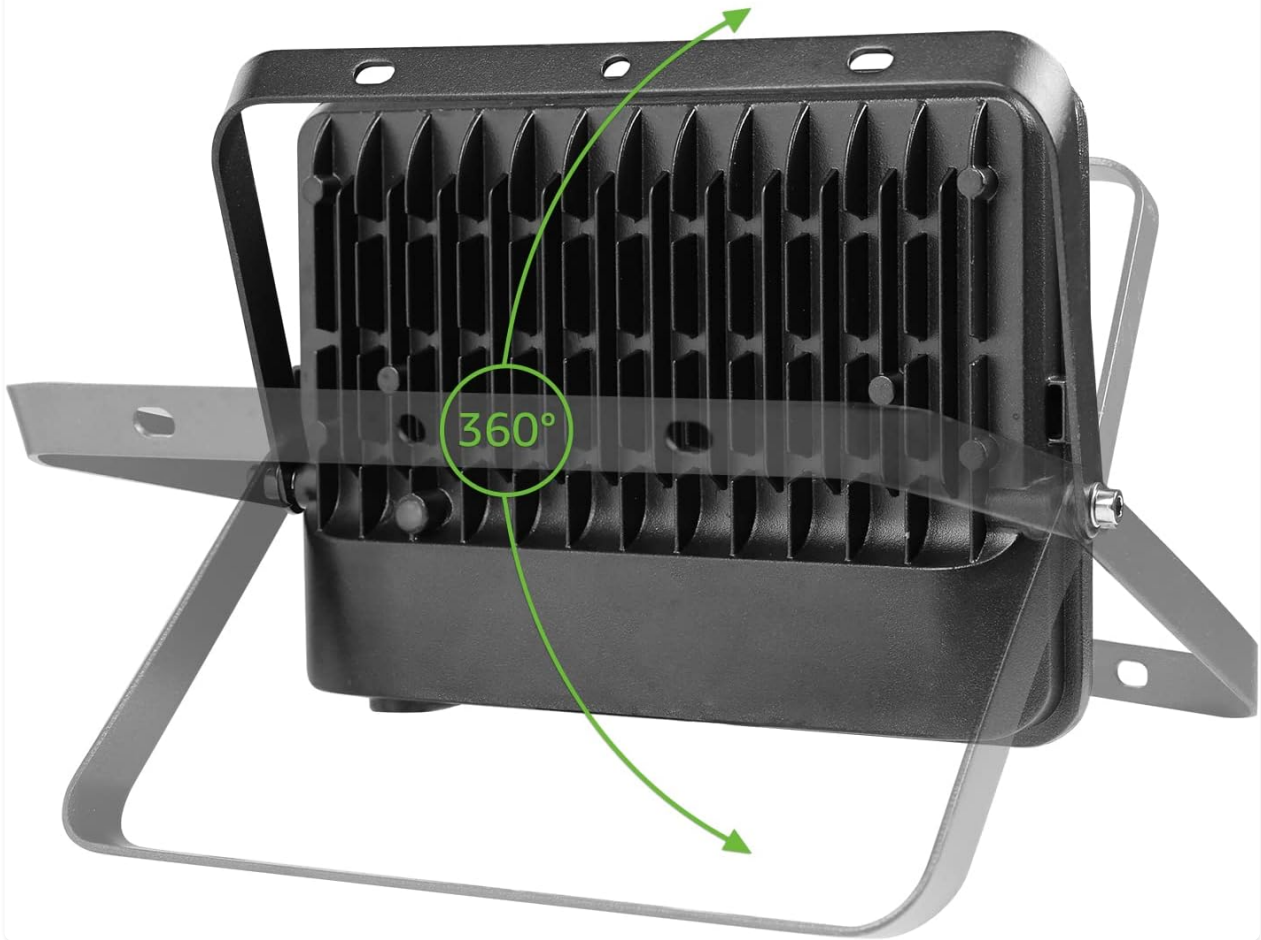


Image 4.4: The 360° rotatable bracket, allowing for flexible adjustment of the light direction to suit various illumination needs.



Image 4.5: Demonstrates the floodlight's durability and weather resistance, highlighting its IP65 waterproof rating, heat resistance, and frost resistance for reliable performance in diverse outdoor conditions.

5. SPECIFICATIONS

Attribute	Value
Brand	Lepro
Model Number	PR340011-DW-EU-2
Product Dimensions (L x W x H)	10.82 x 2.6 x 9.6 cm
Weight	540 grams
IP Rating	IP65
Number of Items	2
Style	Modern

Attribute	Value
Color	Cool White/Black
Material	Aluminum, Tempered Glass
Maximum Wattage	20 Watts
Voltage	240 Volts (AC)
Specific Uses	Outdoor and enclosed spaces
Special Features	Energy Efficient
Luminous Flux	1700 lm
Color Rendering Index (CRI)	80.00
Power Source	AC
Installation Type	Wall Mount



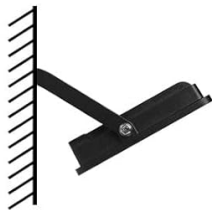
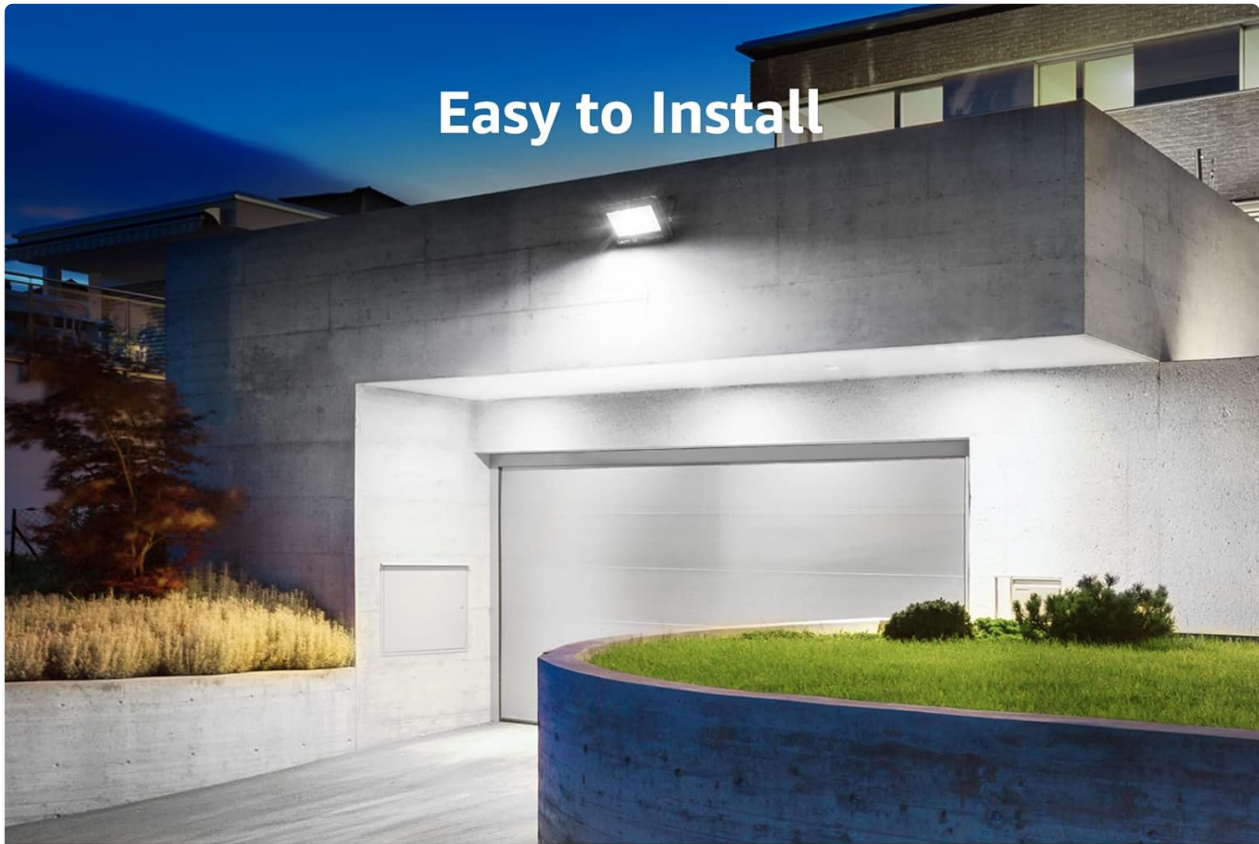
Image 5.1: Detailed dimensions of the floodlight, including length, width, and height, along with cable length, provided in both millimeters and inches for precise planning.

6. INSTALLATION

Follow these steps for proper installation:

1. **Preparation:** Before starting, ensure the power supply is turned off at the main circuit breaker.
2. **Mounting Location:** Choose a suitable location for the floodlight. The included bracket allows for mounting on walls, ceilings, or directly on the ground.
3. **Marking:** Use the bracket as a template to mark the drilling points on the desired surface.
4. **Drilling:** Drill holes at the marked points. Insert appropriate wall plugs if mounting on masonry.
5. **Secure Bracket:** Attach the bracket securely to the surface using screws (not included). The bracket features 2 self-locking screws for easy removal of the spot without tools.
6. **Adjust Angle:** The bracket is 360° rotatable. Adjust the floodlight to the desired angle before tightening the bracket screws.

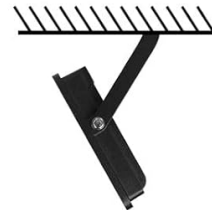
7. **Wiring:** Connect the floodlight's 1-meter power cable to your electrical supply. Ensure correct wiring: brown wire for Live, blue wire for Neutral, and green/yellow wire for Ground. Use a waterproof junction box for outdoor connections (not included).
8. **Final Check:** Double-check all connections and ensure the floodlight is securely mounted.
9. **Power On:** Restore power at the main circuit breaker.



on the wall



on the ground



on the ceiling

Image 6.1: Various installation methods for the floodlight, demonstrating its versatility for mounting on walls, ground, or ceilings.

7. OPERATION

Once installed and connected to a power source, the Lepro 20W LED Floodlight will illuminate when power is supplied. There are no additional controls on the unit itself. Operation is typically controlled via an external switch or timer connected to the power circuit.

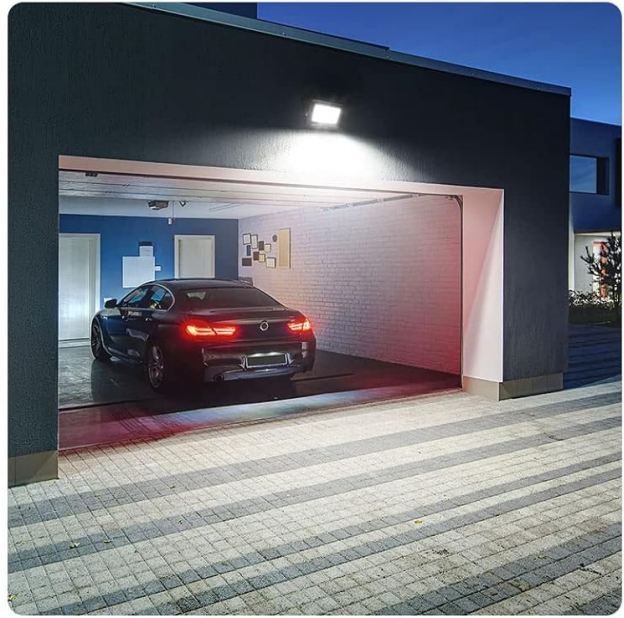


Image 7.1: Examples of the floodlight in various applications, including residential and commercial outdoor spaces, showcasing its effective illumination.

8. MAINTENANCE

The Lepro LED Floodlight requires minimal maintenance:

- **Cleaning:** Periodically clean the glass surface with a soft, damp cloth to ensure optimal light output. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the power cable and housing for any signs of damage. If damage is found, disconnect power immediately and have the unit inspected by a qualified professional.
- **No User-Serviceable Parts:** The LED light source is integrated and not replaceable by the user. Do not attempt to open the housing.

9. TROUBLESHOOTING

If you encounter issues with your floodlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose wiring connection Faulty external switch	Check power supply and circuit breaker. Verify all wiring connections are secure (ensure power is off first). Test the external switch or bypass it temporarily.
Light is dim or flickers	Unstable power supply Incorrect voltage Damaged unit	Ensure stable power supply. Verify input voltage matches specifications. If issues persist, contact customer support.
Water inside the unit	Improper installation Damage to housing/seal	Ensure all seals are intact and installation is correct. Disconnect power immediately. Contact customer support.



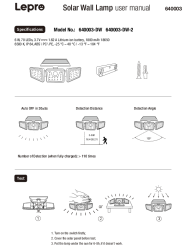
If the problem persists after attempting these solutions, please contact Lepro customer support.

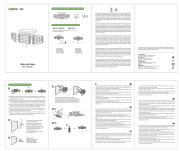
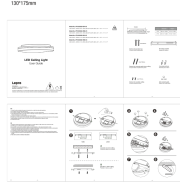

10. WARRANTY AND SUPPORT

Lepro products are designed for reliability and performance. For warranty information or technical support, please refer to the official Lepro website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

For more information, visit the [Lepro Store](#).

Related Documents - PR340011-DW-EU-2

	<p>Lepro LED Ceiling Light User Guide and Installation Instructions</p> <p>Comprehensive user guide for Lepro LED Ceiling Lights, including installation instructions, safety precautions, model specifications, and packing list for models PR150003, PR150004, and PR150005.</p>
	<p>Lepro Solar Wall Lamp User Manual</p> <p>User manual for the Lepro Solar Wall Lamp, providing installation, operation, and maintenance instructions. Features include adjustable lighting angles, motion detection, and weather resistance.</p>
	<p>Lepro Solar Wall Lamp 640003-DW User Manual</p> <p>User manual for the Lepro Solar Wall Lamp, model 640003-DW. Includes specifications, installation instructions, and operational notes for this energy-efficient lighting solution.</p>

	<p>Lepro Solar Wall Lamp User Manual & Installation Guide (Model 640003-DW)</p> <p>Comprehensive user manual and installation guide for the Lepro Solar Wall Lamp (Model 640003-DW). Learn about specifications, setup, operation, and maintenance.</p>
	<p>Lepro LED Ceiling Light User Guide: Installation and Specifications</p> <p>Detailed user guide for Lepro LED Ceiling Lights, including model specifications, installation instructions, safety information, and dimensions for PR1500024 and PR1500035 series.</p>
	<p>Lepro Wifi Smart LED Bulb User Guide and Setup Instructions</p> <p>Comprehensive guide for setting up and using your Lepro Wifi Smart LED Bulb, including installation, app connection, voice control integration with Alexa and Google Assistant, and troubleshooting.</p>