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› Ledmo 300W LED Parking Lot Light Instruction Manual

Ledmo 298B

Ledmo 300W LED Parking Lot Light Instruction Manual

Model: 298B

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Ledmo 300W LED Parking Lot Light. Please read these instructions thoroughly before installation and retain them for future reference.

SAFETY INFORMATION

- Always disconnect power before installation or servicing.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- Ensure the mounting surface can support the weight of the fixture.
- Do not operate the fixture with damaged wiring or components.
- Avoid direct eye exposure to the light source when illuminated.
- This fixture is designed for outdoor use and is IP65 waterproof.

PACKAGE CONTENTS

- LED Lens
- Mounting Hardware
- Shade
- Photocell (Dusk-to-Dawn Sensor)

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

Video: Unboxing and initial overview of the Ledmo 300W LED Parking Lot Light, highlighting its components and robust packaging.

SPECIFICATIONS

Brand	Ledmo
Model Name	300w led parking lot light

Wattage	300 watts
Brightness	36000 Lumen
Color Temperature	5000 Kelvin
Voltage	110 Volts
Material	Aluminum
Water Resistance Level	IP65 Waterproof
Average Life	50000 Hours
Product Dimensions	30.11"L x 23.81"W x 6.1"H
Item Weight	20.8 pounds

Setup and Installation

The Ledmo 300W LED Parking Lot Light is designed for easy installation, with professional tools used during factory assembly. It features an adjustable slip fitter mounting bracket for versatile positioning.

Mounting

The slip fitter mounting bracket can be adjusted 180 degrees, allowing you to direct the illumination angle as needed. This light is suitable for arm/pole mount installations. Ensure the mounting pole is sturdy enough to support the fixture's weight.



Image: Detailed diagram illustrating the dimensions and the 180-degree adjustable slip fitter mounting bracket of the light fixture.

Electrical Connection

Connect the fixture to hard wiring. It operates on 110 Volts AC/DC. Ensure all connections are secure and comply with local electrical codes. Professional installation is recommended.

Photocell Installation

The light includes an external photocell for dusk-to-dawn functionality. This sensor automatically turns the light on at sunset and off at sunrise. When adjusting the light's angle, ensure the blue photoelectric sensor is positioned correctly to detect ambient light effectively.

Video: Demonstration of the photocell functionality and its role in automatic dusk-to-dawn operation for the LED parking lot light.



Image: Visual comparison illustrating the responsiveness and energy efficiency of the Ledmo photocell compared to standard photoelectric sensors.

OPERATING INSTRUCTIONS

Once properly installed and connected to power, the Ledmo 300W LED Parking Lot Light will operate automatically via its dusk-to-dawn photocell sensor. No manual intervention is required for daily on/off cycles.

Dusk-to-Dawn Functionality

The integrated photocell detects ambient light levels. The light will automatically turn on when it gets dark (sunset) and turn off when it becomes light (sunrise).

Brightness

The 300W LED light provides 36000 lumens of 5000K white light, offering ultra-high brightness suitable for large areas such as parking lots, yards, and streets.



Image: Diagram showing the effective illumination range and brightness of the 300W LED light when installed at a typical height.

Video: A demonstration of the Ledmo 300W LED Parking Lot Light's brightness in an outdoor setting, showcasing its powerful illumination.

MAINTENANCE

The Ledmo 300W LED Parking Lot Light is constructed from die-cast aluminum, ensuring durability and efficient heat dissipation. The hollow design of the radiator increases the heat dissipation area, protecting the LED beads and contributing to a long lifespan of over 50,000 hours.

Cleaning

Periodically clean the exterior of the fixture, especially the LED lenses and photocell, to ensure optimal performance. Use a soft, damp cloth and avoid abrasive cleaners.

Waterproofing

The light features an IP65 waterproof rating, designed to withstand various weather conditions. It incorporates a high-quality

waterproof rubber ring around the transparent lampshades, professionally sealed and fixed with screws to prevent water ingress.



Image: Illustration of the light's hollow design for enhanced heat dissipation and its IP65 waterproof construction.

Video: A waterproof test demonstration of the Ledmo LED Parking Lot Light, showcasing its resilience against water exposure.

TROUBLESHOOTING

If you encounter any issues with your Ledmo 300W LED Parking Lot Light, please refer to the following general troubleshooting steps:

- **Light not turning on:** Check the power supply and ensure all electrical connections are secure. Verify the photocell is not obstructed and is functioning correctly (e.g., by covering it to simulate darkness).
- **Light not turning off:** Ensure the photocell is exposed to sufficient ambient light. Check for any obstructions or debris on the sensor.
- **Flickering:** Ensure stable power supply. If flickering persists, contact customer support.

For complex issues, it is recommended to consult a qualified electrician or contact customer support.

WARRANTY AND SUPPORT

Ledmo provides a **Five Years After-sales Service** for this product. We are committed to ensuring a satisfactory experience for our customers.

If you have any product problems or require support, please contact us through the order or store page where you made your purchase. Our team is available to assist you.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question