AKK 200W-Adjustable Arm Mount

AKK 200W LED Parking Lot Light Instruction Manual

Model: 200W-Adjustable Arm Mount

Brand: AKK

1. Introduction

This manual provides detailed instructions for the safe installation, operation, and maintenance of your AKK 200W LED Parking Lot Light. Please read this manual thoroughly before installation and retain it for future reference. This LED parking lot light is designed for commercial and large area illumination, featuring high efficiency and durability.

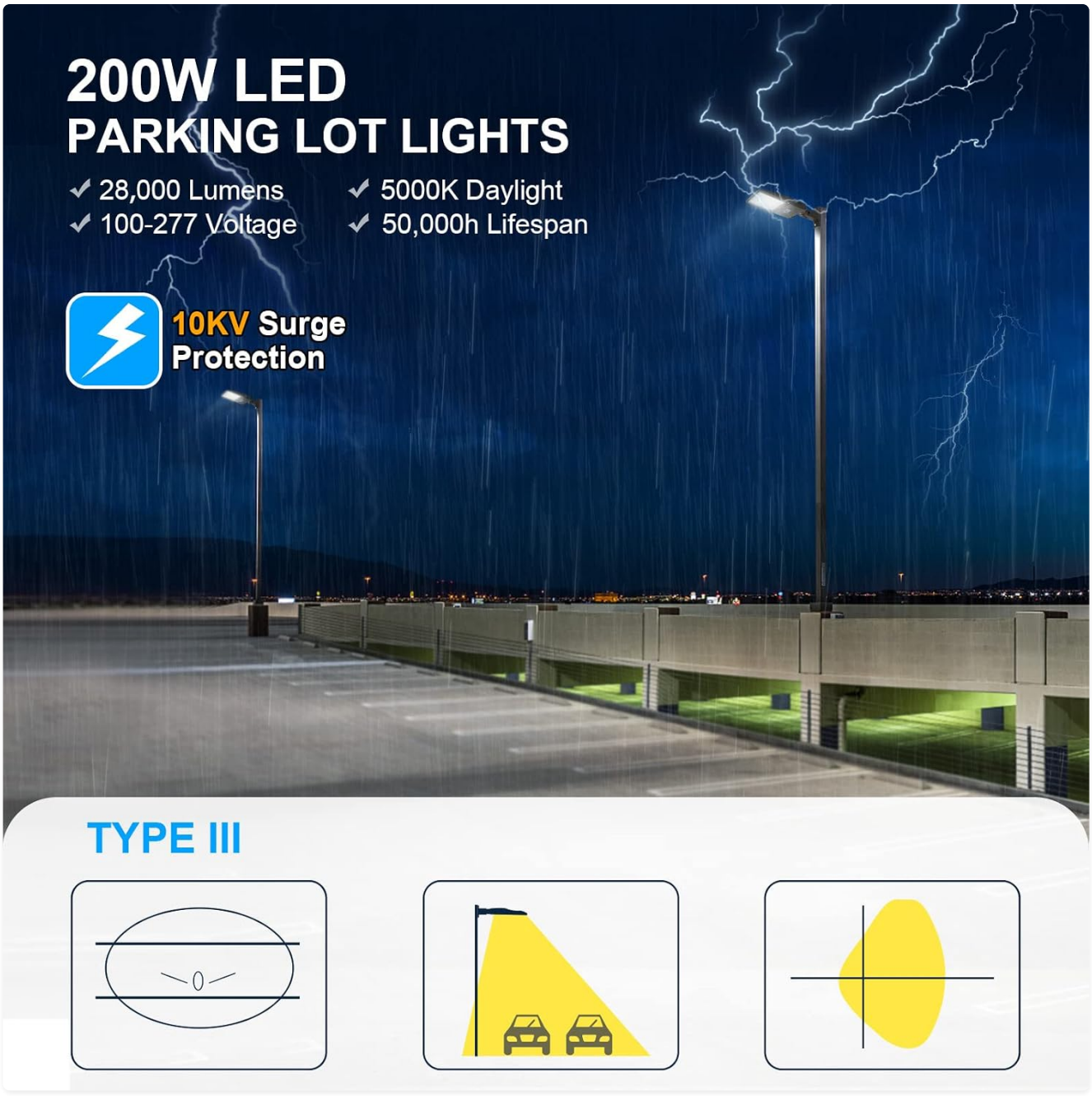


Image 1.1: AKK 200W LED Parking Lot Light providing illumination in a commercial parking area.

2. What's in the Box

Verify that all components are present before beginning installation:

- AKK 200W LED Parking Lot Light Fixture
- Adjustable Arm Mount Bracket
- Wire Nuts (for electrical connections)

3. Product Features

- **Energy Saving with Photocell:** This 200W LED light replaces 600W HID fixtures, reducing energy consumption by 80%. The integrated dusk-to-dawn photocell automatically activates the light at sunset and deactivates it at sunrise.
- **IP65 Waterproof & Long Lifespan:** Constructed with heavy-duty aluminum housing and rated IP65 for water and dust resistance, ensuring durability against rain, snow, and harsh weather conditions. Designed for 50,000

hours of reliable operation.

- **Easy 1-Person Installation:** The adjustable arm mount is compatible with both round and square poles, facilitating quick installation by a single person.
- **Type III Light Distribution:** Delivers 28,000 lumens of uniform 5000K daylight, effectively eliminating dark spots across large commercial areas.
- **10kV Surge Protection:** Includes built-in surge protection for enhanced electrical safety and longevity.



Image 3.1: The light is designed to withstand various weather conditions, including rain and snow.

4. Specifications

Specification	Value
Color	White
Shape	Rectangular

Material	Aluminum, Polycarbonate (PC)
Finish Type	Powder Coated
Light Source Type	LED
Power Source	Corded Electric
Voltage	120 Volts
Light Output Maximum	28000 Lumens
Light Source Wattage	200 Watts
Mounting Type	Pole Mount
Special Features	Dimmable
Color Temperature	5000 Kelvin
Item Weight	2 Pounds
Item Dimensions (L x W x H)	10.04"L x 2.17"W x 23.62"H
Certification	ETL Listed



Image 4.1: Product dimensions and included accessories.

5. Setup and Installation

The AKK 200W LED Parking Lot Light is designed for easy installation with its adjustable arm mount. Follow these steps for proper setup:

5.1 Mounting Options

The adjustable arm mount supports installation on both round and square poles.

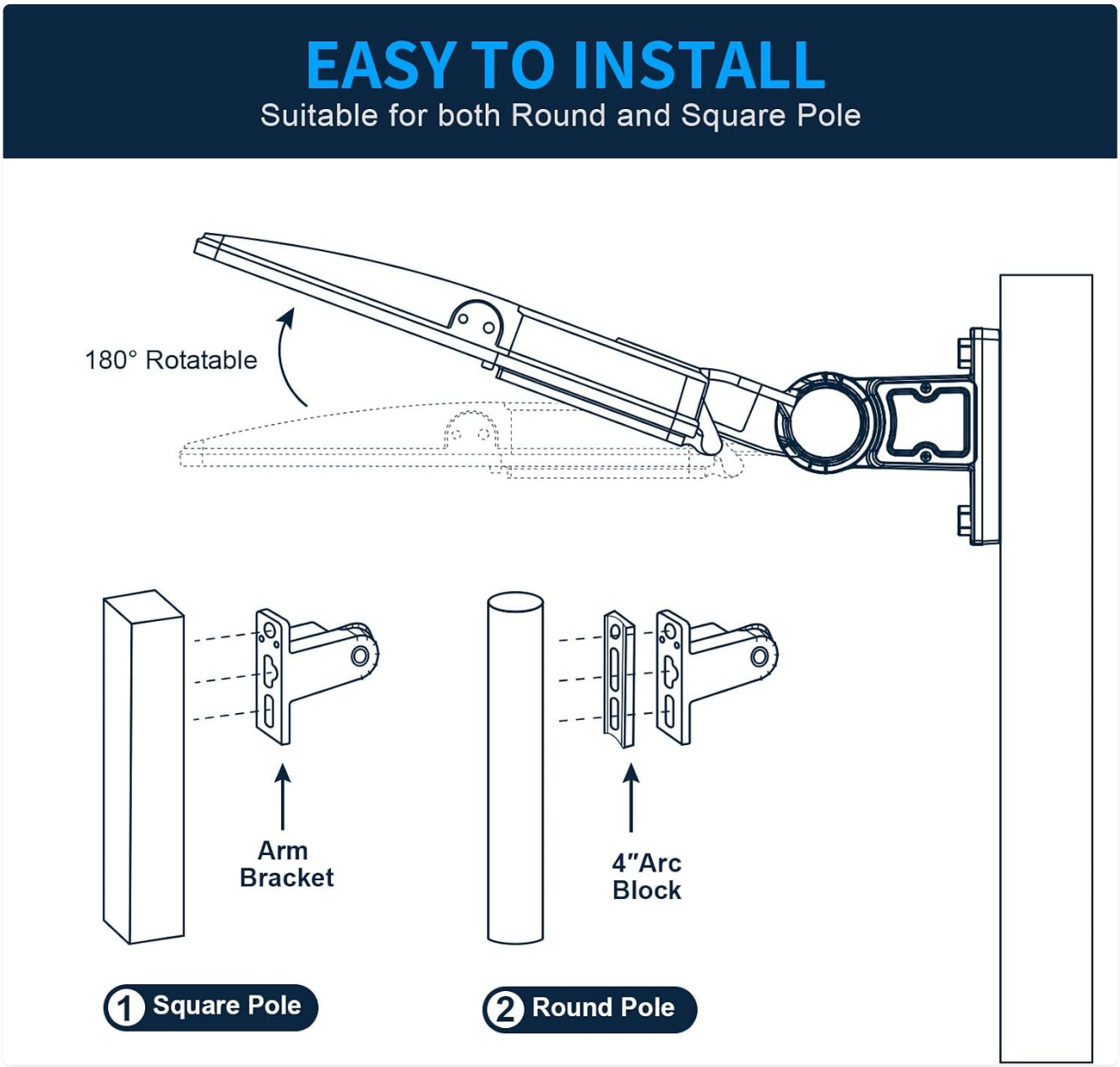


Image 5.1: Installation diagram for round and square poles.

5.2 Step-by-Step Installation

1. **Prepare the Bracket:** Remove the cover plate from the fixture and separate the bracket into its A and B parts.
2. **Attach Bracket to Fixture:** Guide the fixture wires through Bracket A and securely tighten Bracket A to the fixture.
3. **Mount Bracket to Pole:** Secure Bracket B tightly to the pole. For round poles, use the 4-inch arc block. Run the supply wires through Bracket B.
4. **Connect Fixture to Bracket:** Run the fixture wires through Bracket B and lock Bracket A and B tightly together.
5. **Electrical Connections:** Connect the wires using the provided wire nuts (N: White, L: Black, GND: Green, DIM+: Purple, DIM-: Pink). Tuck the wires into the bracket and then tighten the cover plate.
6. **Adjust Beam Angle:** Loosen the screw, adjust the light fixture to the required beam angle (0° to 180°), and then tighten the screw to secure it.

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Video 5.2: This video demonstrates the installation process for the AKK LED Parking Lot Light, including how to

attach the slip fitter and arm mount to a pole.

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Video 5.3: This video provides an overview of the AKK LED Parking Lot Light with adjustable arm mount, showcasing its features and installation flexibility for 150W, 200W, and 300W models.

6. Operating Instructions

6.1 Dusk-to-Dawn Photocell Operation

The integrated photocell automatically controls the light based on ambient brightness:

- The light will turn on automatically at night when ambient brightness is less than 2 fc (foot-candles).
- The light will turn off automatically at daytime when ambient brightness is more than 10 fc.

Note:

- A quick flicker is normal when the LED street light initially turns on.
- To disable the photocell (if not needed):
    a. Turn off power to the fixture.
    b. Remove the photocell unit.
    c. Disconnect its plug.
    d. Re-tighten the photocell cover or replace with a short circuit cap if available.



Image 6.1: Dusk-to-dawn photocell functionality and disabling instructions.

7. Maintenance

The AKK 200W LED Parking Lot Light requires minimal maintenance due to its durable construction and long-lasting LED components. However, periodic checks are recommended:

- **Cleaning:** Occasionally clean the lens with a soft, damp cloth to ensure optimal light output. Avoid abrasive cleaners.
- **Inspection:** Periodically inspect the mounting hardware and electrical connections to ensure they remain secure and free from corrosion.
- **Photocell:** Ensure the photocell sensor is clear of obstructions (e.g., dirt, leaves) that could interfere with its operation.

8. Troubleshooting

If you encounter issues with your AKK LED Parking Lot Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	1. Power supply issue. 2. Photocell obstructed or faulty.	1. Check circuit breaker and wiring connections. 2. Ensure photocell is clean and unobstructed. If issue persists, consider disabling the photocell temporarily as per Section 6.1 to test if the light functions without it.
Light stays on during the day.	1. Photocell obstructed or faulty. 2. Light source near photocell.	1. Ensure photocell is clean and unobstructed. If issue persists, consider disabling the photocell temporarily as per Section 6.1. 2. Relocate the light or shield the photocell from other light sources.
Light flickers.	1. Loose wiring connection. 2. Power fluctuation.	1. Check and secure all wiring connections. 2. Ensure stable power supply. A quick flicker upon initial turn-on is normal.

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

9. Warranty and Support

AKK provides a 5-year warranty for this LED Parking Lot Light. This warranty covers defects in materials and workmanship under normal use.

- **Warranty Coverage:** Replacement light provided within 2 years for any defects.
- **Technical Support:** 5-year quick technical solution support.

For warranty claims, technical assistance, or Dialux lighting layout assistance, please contact AKK customer support through Amazon.



Image 9.1: AKK customer support and warranty information.

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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