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› [Lithonia Lighting](#) /

› [Lithonia Lighting QTE LED P2 40K 120 THK DDB M6 LED Flood Light User Manual](#)

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Lithonia Lighting QTE LED P2 40K 120 THK DDB M6 LED Flood Light User Manual

MODEL: QTE LED P2 40K 120 THK DDB M6 | BRAND: LITHONIA LIGHTING

1. Product Overview

The Lithonia Lighting QTE LED P2 40K 120 THK DDB M6 LED Flood Light features a traditional and robust design with energy-efficient LEDs. It is engineered to replace up to 500W quartz halogen fixtures, making it an ideal solution for landscape, signage, and accent lighting in both commercial and residential outdoor applications.

Key Features:

- **Energy Efficiency:** Provides 4,000 lumens with a 4000K cool white temperature, consuming only 40 watts.
- **Long Lifespan:** Designed for up to 50,000 hours of light, equivalent to 17 years when used 8 hours a day.
- **Durable Construction:** Made from high-quality materials for extended reliability.
- **High Industry Ratings:** UL listed for safety in the United States and Canada, and DLC certified.
- **Wet Location Suitable:** Engineered for outdoor use in wet conditions.

2. Important Safety Information

WARNING: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved. Failure to do so may result in electric shock, fire, or other hazards.

- Always disconnect power at the circuit breaker before installation or servicing.
- Ensure all electrical connections are secure and comply with local and national electrical codes.
- Do not handle live wires.
- Consult a qualified electrician if you are unsure about any part of the installation process.

3. What's Included

Verify that all components are present before beginning installation:

- LED Flood Light Fixture (1)
- Mounting Plate (1)
- Wire Nuts (3)
- Screws for mounting (various sizes)
- Installation Instructions



Figure 1: Main product view of the Lithonia Lighting QTE LED Flood Light.

4. Installation Guide

This flood light is designed for surface mount installation. Ensure the mounting surface is sturdy and capable of supporting the fixture's weight.

4.1. Preparing for Installation

1. **Turn off Power:** Locate the circuit breaker controlling the installation area and turn off the power. Verify power is off using a voltage tester.
2. **Remove Existing Fixture (if applicable):** Carefully remove any old lighting fixture, ensuring all wires are disconnected and secured.
3. **Prepare Mounting Surface:** Ensure the mounting surface is clean, dry, and free of debris.

4.2. Mounting the Fixture

1. **Attach Mounting Plate:** Secure the provided mounting plate to the junction box or desired surface using appropriate screws. Ensure it is firmly attached.
2. **Wire Connections:** Connect the flood light's wires to your electrical system's wires. Follow standard electrical color codes:
 - **Black wire (Hot)** to the black (hot) wire from the power supply.
 - **White wire (Neutral)** to the white (neutral) wire from the power supply.
 - **Green wire (Ground)** to the green or bare copper (ground) wire from the power supply.

Use the provided wire nuts to secure connections.

3. **Secure Fixture to Mounting Plate:** Align the flood light's base with the mounting plate and secure it using the provided screws. Ensure a tight seal to prevent moisture intrusion.
4. **Adjust Angle:** The fixture features an adjustable knuckle mount. Loosen the Phillips screw on the side of the knuckle, adjust the light to the desired projection angle, and then tighten the screw firmly to secure its position.



Figure 2: Front view of the LED Flood Light, showing the LED array.

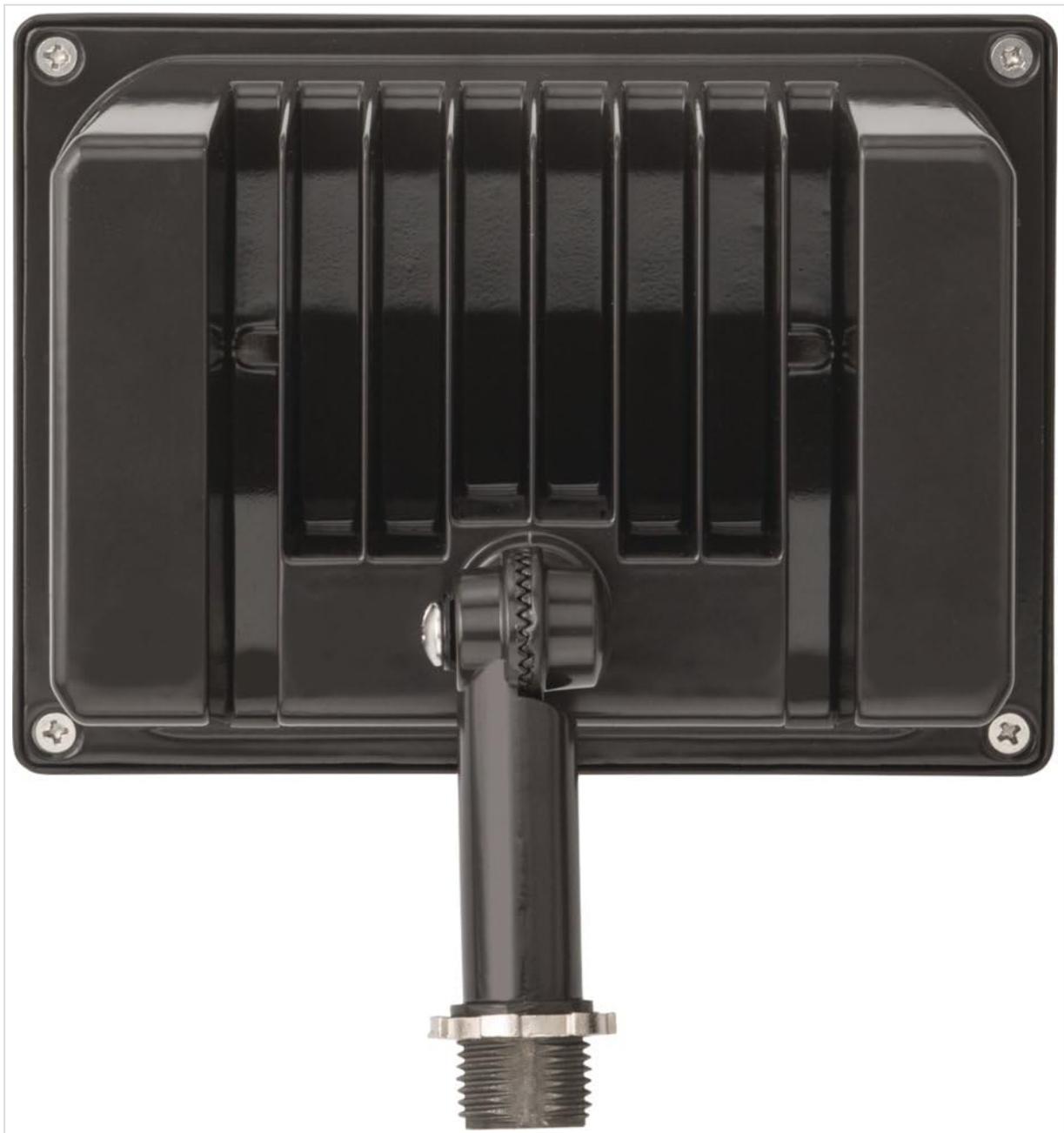


Figure 3: Back view of the LED Flood Light, highlighting the heat dissipation fins and photocell sensor.



Figure 4: Side view of the LED Flood Light, illustrating the adjustable knuckle mount for directing light.

5. Operating Instructions

5.1. Photocell Functionality

This flood light is equipped with a built-in photocell sensor, enabling automatic dusk-to-dawn operation. The sensor detects ambient light levels and will turn the fixture on when it gets dark and off when it gets light.

- Ensure the photocell sensor (located on the back of the fixture) is not obstructed by any objects, as this

may interfere with its proper function.

- No manual adjustment is typically required for the photocell once installed correctly.

6. Care and Maintenance

To ensure optimal performance and longevity of your LED Flood Light, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the lens and exterior of the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or lens.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose connections, or wear. Address any issues promptly.
- **No User-Serviceable Parts:** The LED components are integrated and not user-replaceable. Do not attempt to open the fixture.

7. Troubleshooting

If your LED Flood Light is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture.	Check circuit breaker and electrical connections.
Light stays on during the day.	Photocell sensor is obstructed or faulty.	Ensure photocell is clear of obstructions. If problem persists, contact customer support.
Light flickers.	Loose wiring connection or power fluctuation.	Check all wiring connections. Consult an electrician if necessary.

8. Technical Specifications

Specification	Value
Model Number	QTE LED P2 40K 120 THK DDB M6
Brand	Lithonia Lighting
Wattage	40 watts
Brightness	4000 lumens
Color Temperature	4000 Kelvin (Cool White)
Material	Aluminum
Finish Type	Painted (Dark Bronze)
Voltage	120 Volts
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	Water Resistant
Product Dimensions	12 x 12 x 7 inches

Specification	Value
Item Weight	2.49 pounds
Certifications	UL Listed (US & Canada), DLC Certified

9. Warranty and Customer Support

This Lithonia Lighting QTE LED Flood Light is backed by a **5-year limited warranty**. For warranty claims, technical assistance, or any product-related inquiries, please contact Lithonia Lighting customer service.

Refer to the product packaging or the official Lithonia Lighting website for the most current contact information and detailed warranty terms.