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› [LEDVANCE Dual Selectable Flood LED Light \(Model 63862\) - Instruction Manual](#)

LEDVANCE 63862

LEDVANCE Dual Selectable Flood LED Light

Model: 63862

1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your LEDVANCE Dual Selectable Flood LED Light. This versatile floodlight is designed for outdoor illumination of buildings, facades, signs, gardens, and other areas. It features selectable lumen packages (80W, 100W, 140W), selectable color temperatures (3000K, 4000K, 5000K), and an integrated photocell for enhanced functionality.

Please read this manual thoroughly before installation and retain it for future reference.



Figure 1: Front view of the LEDVANCE Dual Selectable Flood LED Light.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power before installation or servicing. Installation should be performed by a qualified electrician in accordance with all national and local electrical codes.

- Ensure the supply voltage is 120V AC.
- Do not install near combustible materials.
- The luminaire is rated IP65 for wet locations, ensuring protection against dust and water jets.
- Do not modify the fixture. Any modifications may void the warranty and create safety hazards.
- Ensure all connections are secure and properly insulated.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- LEDVANCE Dual Selectable Flood LED Light (1 unit)
- Mounting Hardware (includes components for knuckle and trunnion mounting)
- Shorting Cap (pre-installed on NEMA 3-pin receptacle)

4. INSTALLATION

The LEDVANCE Flood LED Light offers flexible mounting options, including knuckle mount and trunnion mount, suitable for wall or pole applications. Always ensure the mounting surface can support the weight of the fixture.

4.1 Mounting Options

The fixture comes with hardware for two primary mounting methods:

- **Knuckle Mount:** Allows for adjustable angle positioning, typically used for direct wall or junction box mounting.
- **Trunnion Mount:** A U-shaped bracket for surface mounting, offering robust support and angle adjustment.



Figure 2: Example of the floodlight with a knuckle mount.

4.2 Wiring

1. Ensure power to the circuit is turned OFF at the breaker before proceeding.
2. Connect the fixture's wires to the main power supply:
 - Black wire to Line (L)
 - White wire to Neutral (N)
 - Green/Ground wire to Ground (G)
3. Secure all wire connections with appropriate wire nuts or connectors.
4. Ensure the NEMA 3-pin receptacle, if used, has the shorting cap securely in place for standard operation without external controls.

4.3 Dimensions

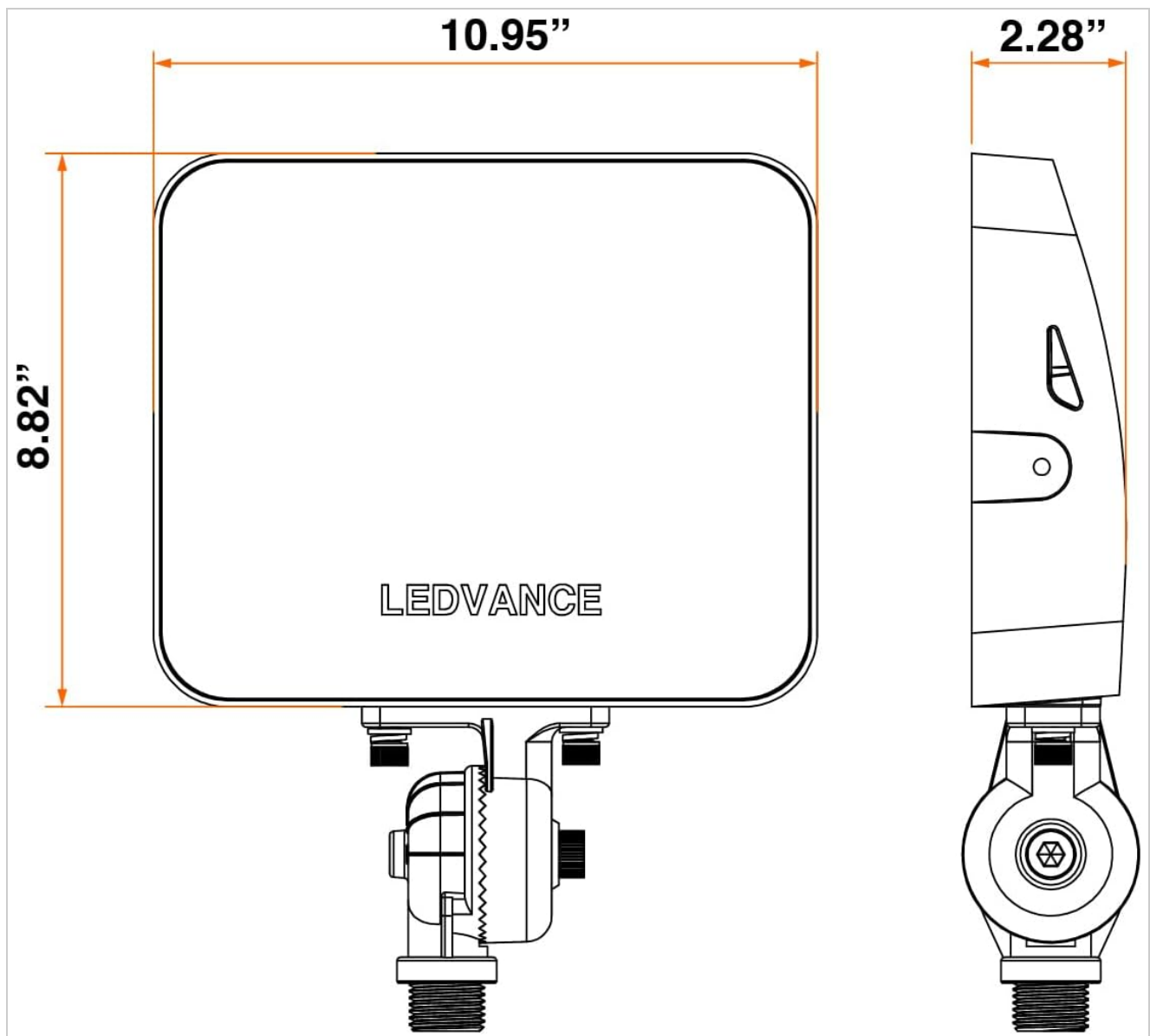


Figure 3: Product dimensions for installation planning.

5. OPERATION

The LEDVANCE Dual Selectable Flood LED Light features adjustable power output and color temperature settings to suit various lighting needs.

5.1 Power and Color Temperature Selection

The fixture includes internal switches (often DIP switches located under protective covers on the top or side of the unit) for selecting the desired wattage and color temperature. These settings must be configured **before** applying power to the fixture.

- **Wattage Selection:** Choose between 80W, 100W, or 140W to adjust the lumen output. Refer to the labels near the switch for specific settings.
- **Color Temperature (CCT) Selection:** Select 3000K (Warm White), 4000K (Neutral White), or 5000K (Daylight White). Refer to the labels near the switch for specific settings.

After adjusting the switches, ensure the protective covers are securely re-sealed to maintain the IP65 rating.

5.2 Dimmable Functionality

This floodlight supports 0-10V dimming. To utilize the dimming feature, connect the fixture to a compatible 0-10V dimmer switch. Consult a qualified electrician for proper wiring of dimming controls.

5.3 Photocell Function

The integrated photocell automatically turns the light on at dusk and off at dawn, providing energy-efficient operation. Ensure the photocell sensor is not obstructed by objects or direct light sources (e.g., other lights) to prevent erratic behavior.

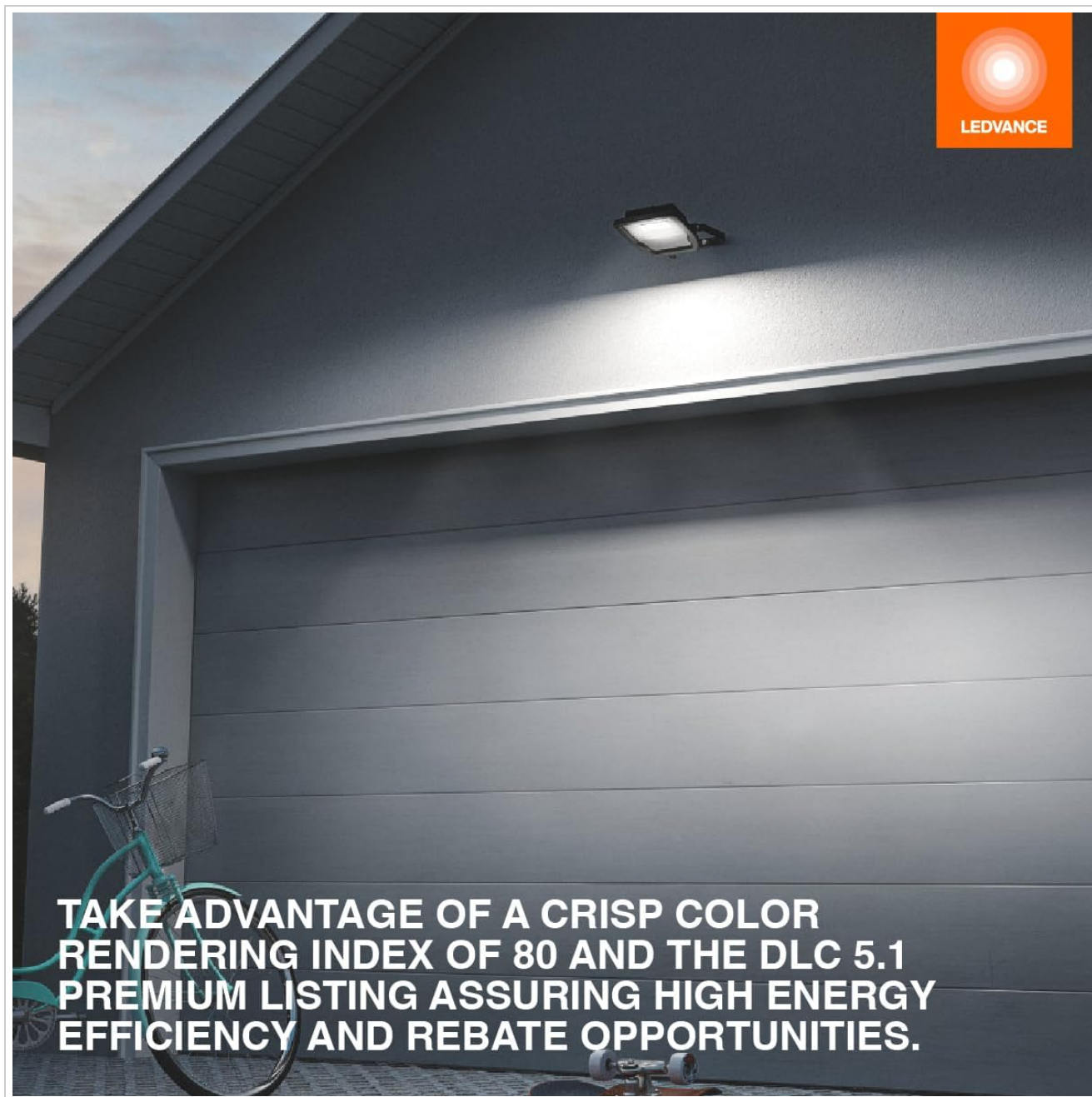


Figure 4: Example of the floodlight in an outdoor application.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your LEDVANCE floodlight.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure power is disconnected before cleaning.
- **Inspection:** Annually inspect the fixture for any signs of damage, loose wiring, or corrosion. Address any

issues promptly.

- **Photocell:** Keep the photocell sensor clean and free from obstructions to ensure proper automatic operation.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Faulty wiring. Photocell active (daylight).	Check circuit breaker. Verify wiring connections. Test at night or cover photocell.
Light flickers or dims unexpectedly.	Loose wiring connection. Incompatible dimmer switch. Power fluctuations.	Inspect and secure all wiring. Ensure a compatible 0-10V dimmer is used. Consult an electrician for power supply issues.
Incorrect color temperature or brightness.	Switches not set correctly.	Disconnect power, open protective cover, and verify wattage/CCT switch settings.
Photocell not functioning correctly.	Sensor obstructed. Sensor receiving ambient light.	Clear any obstructions from the sensor. Relocate fixture or shield sensor from other light sources.

If issues persist after attempting these solutions, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	63862
Wattage	Selectable: 80W / 100W / 140W
Lumen Output	Up to 21000 Lumens (at 140W)
Color Temperature (CCT)	Selectable: 3000K / 4000K / 5000K
Voltage	120 Volts AC
Dimmable	Yes, 0-10V Dimming
Photocell	Integrated
Material	Metal
Dimensions (L x W x H)	10.95" x 2.28" x 8.82"
Weight	Approximately 7.06 lbs
IP Rating	IP65 (Wet Rated)

Feature	Detail
Certifications	cULus listed to UL1598, RoHS, FCC
Rated Life	100,000 hours
CRI	80
Surge Protection	6kV

9. WARRANTY

The LEDVANCE Dual Selectable Flood LED Light (Model 63862) is backed by a **5-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, please refer to the official LEDVANCE website or contact customer support.

10. CUSTOMER SUPPORT

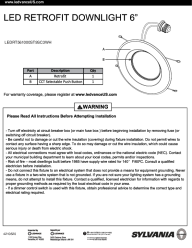
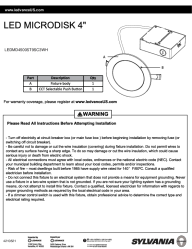
For technical assistance, warranty inquiries, or further information regarding your LEDVANCE product, please visit the official LEDVANCE website or contact their customer service department. Contact details can typically be found on the product packaging or the manufacturer's website.

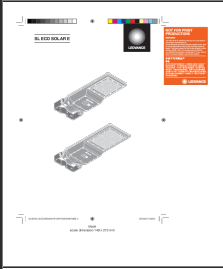
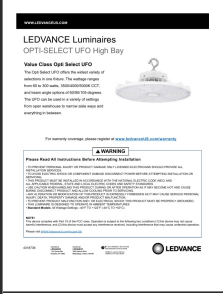
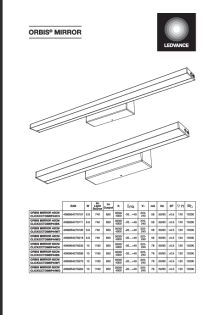
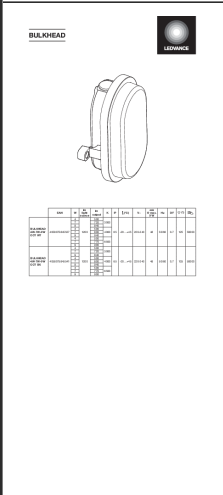
Online Resources: [Visit the LEDVANCE Store on Amazon](#)



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Related Documents - 63862

	<p>LED Retrofit Downlight 6" Installation and Operation Manual - LEDVANCE</p> <p>Comprehensive guide for installing and operating the LEDVANCE 6-inch LED Retrofit Downlight (Model LEDRT561000ST9SC3WH), including safety instructions, troubleshooting, and warranty information.</p>
	<p>LEDVANCE LED Microdisk 4" Installation and Operation Guide</p> <p>This guide provides detailed instructions for installing, operating, and troubleshooting the LEDVANCE LED Microdisk 4-inch downlight. It includes safety warnings, electrical connection steps, color temperature adjustment, and warranty information. Model: LEDMD4500ST9SC3WH.</p>

	<p>LEDVANCE SL ECO SOLAR E - Product Specifications and Installation Guide</p> <p>Comprehensive details on the LEDVANCE SL ECO SOLAR E series, including technical specifications, dimensions, performance data, and installation guidance for various models.</p>
	<p>LEDVANCE OPTI-SELECT UFO High Bay Luminaire Installation Guide</p> <p>Detailed installation, operation, and safety guide for the LEDVANCE OPTI-SELECT UFO High Bay luminaire. Covers product features, mounting options, wiring, and troubleshooting.</p>
	<p>LEDVANCE ORBIS Mirror: Installation Guide and Specifications</p> <p>Comprehensive installation guide and technical specifications for the LEDVANCE ORBIS Mirror lighting fixture, featuring adjustable color temperature (CCT) and dimming capabilities.</p>
	<p>LEDVANCE BULKHEAD 4W/7W/9W CCT WT/BK - Technical Specifications and Installation Guide</p> <p>Detailed technical specifications, dimensions, and installation instructions for the LEDVANCE BULKHEAD 4W, 7W, and 9W CCT LED lighting fixtures in White (WT) and Black (BK). Includes performance data, energy efficiency, and compliance information.</p>

Documents - LEDVANCE – 63862



[\[pdf\]](#) Specifications Guide Warranty Catalog

LEDVANCE Brackets 62844 62846 62935 62958 62964 62999 63004 63030 63141 63143 63232 63246 63271 63285 65749 65784 63862 63866 63318 66322 66680 66683 63316 62584 asset 13282203

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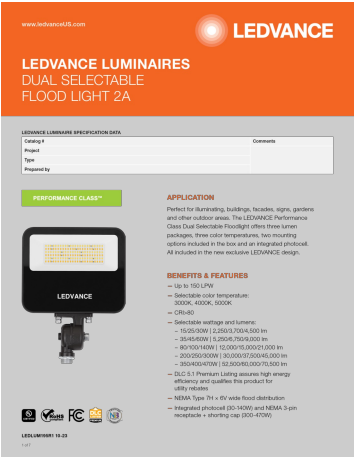
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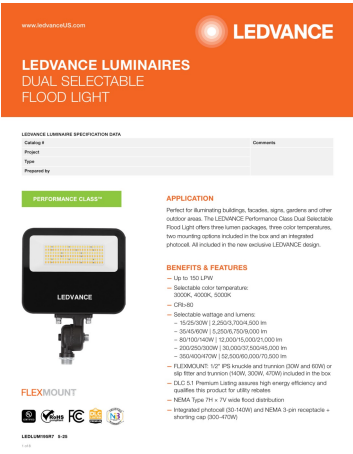
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[pdf] Specifications Safety Datasheet Catalog

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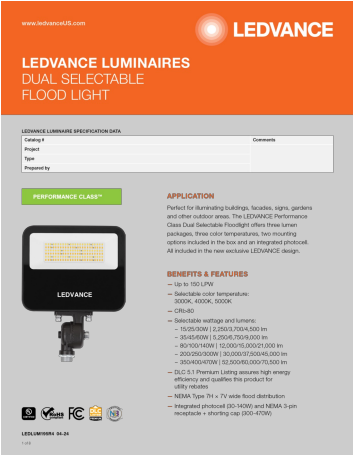




[LEDVANCE Dual Selectable Flood Light - Product Datasheet](#)

Detailed specifications, features, ordering information, and physical dimensions for the LEDVANCE Dual Selectable Flood Light, designed for efficient and versatile outdoor illumination.

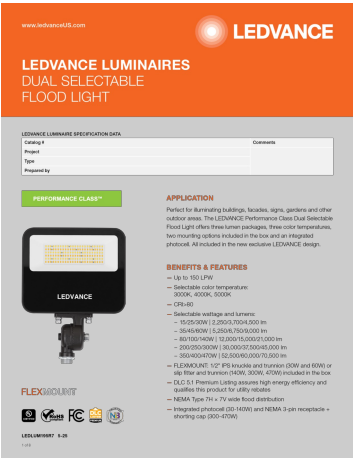
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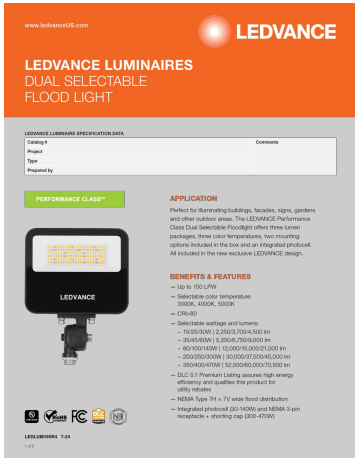
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[pdf] Specifications Catalog

Product Spec Sheet Sylvania 63863 FLOODLT2AS300UNHD8SC2BZP LED Dual Selectable Flood Light

200 250 300W 120 347V CCT Lumens 0 10V Dimming 3 Pin Receptacle for Photocell Cooper Electric

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www.ledvanceUS.com LEDVANCE LUMINAIRES DUAL SELECTABLE FLOOD LIGHT LEDVANCE LUMINAIRE SPECIFICATIO ... BZ P COLOR/ FINISH OPTIONS

BZ = Bronze P = Photocell ORDERING INFORMATION ITEM # 63860 63861 **63862**

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