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› [LEDVANCE Mini Wall Pack LED Luminaire \(Model 63654\) Instruction Manual](#)

## LEDVANCE 63654

# LEDVANCE Mini Wall Pack LED Luminaire Instruction Manual

Model: 63654 | Brand: LEDVANCE

## 1. PRODUCT OVERVIEW

The LEDVANCE Mini Wall Pack LED Luminaire is an energy-efficient lighting solution designed as an alternative to traditional HID luminaires. This versatile product features selectable lumen outputs and color temperatures, making it suitable for various commercial and residential outdoor applications. It is available in black, white, and bronze finishes and includes an integrated photocell for automated operation.



Figure 1: Front view of the LEDVANCE Mini Wall Pack LED Luminaire.





Figure 2: Side view of the LEDVANCE Mini Wall Pack LED Luminaire.

## 2. KEY FEATURES

- **Adjustable Wattage:** Selectable lumen outputs of 10W, 20W, or 30W, providing 1300, 2600, or 3900 lumens respectively.
- **Selectable Color Temperature:** Choose between 3000K (Warm White), 4000K (Cool White), or 5000K (Daylight) to achieve the desired lighting ambiance.
- **High Color Rendering Index (CRI):** An 80 CRI ensures crisp and accurate color representation.
- **Integrated Photocell:** Enables automatic dusk-to-dawn operation, enhancing energy efficiency.
- **Dimmable:** Compatible with 0-10V dimming controls for adjustable brightness.
- **Durable Construction:** IP65 wet-rated for outdoor use, RoHS, cULus, and FCC compliant.
- **Long Lifespan:** Rated for 100,000 hours of operation.
- **Energy Efficient:** DLC 5.1 Premium Listing for high energy efficiency and potential utility rebates.

## 3. SAFETY INFORMATION

**WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing. 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.

- Ensure all electrical connections are secure and comply with local codes and ordinances.
- Do not install near flammable materials or in areas with excessive vibration.
- Wear appropriate personal protective equipment (PPE) during installation.
- This luminaire is designed for hardwired installation. It is not battery-powered or plug-in.

## 4. INSTALLATION INSTRUCTIONS

This luminaire is designed for flush mount wall installation and requires hardwiring. Professional installation is recommended if you are not familiar with electrical wiring.

### 4.1. Tools and Materials Required

- Screwdriver set
- Wire strippers
- Pliers
- Drill (if mounting directly to a surface without a junction box)
- Mounting hardware (screws, anchors, if not provided or suitable for your surface)
- Electrical tape
- Voltage tester

### 4.2. Mounting the Luminaire

1. **Disconnect Power:** Turn off power at the circuit breaker or fuse box before beginning installation.
2. **Prepare Mounting Surface:** The luminaire can be mounted directly to a wall or over a standard junction box. If mounting directly, mark the desired mounting points using the luminaire's backplate as a template.
3. **Drill Holes:** Drill appropriate pilot holes for your mounting screws or anchors. The backplate of the luminaire can be drilled to accommodate specific mounting patterns if necessary.
4. **Route Wiring:** Feed the electrical supply wires through the central opening in the luminaire's backplate. This opening can also accommodate conduit or flex cable bushings.
5. **Secure Backplate:** Attach the luminaire's backplate securely to the mounting surface using appropriate screws and anchors.

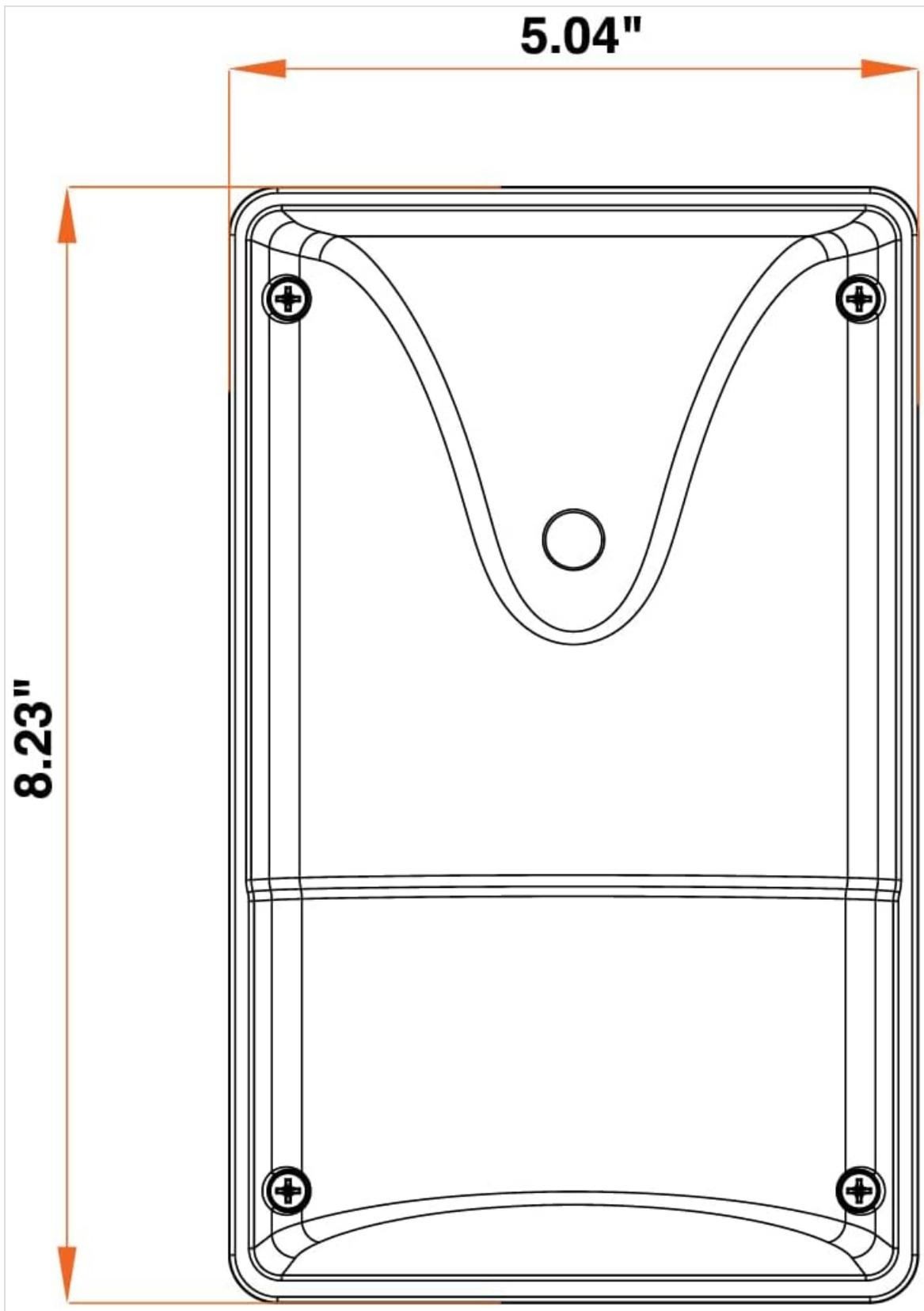


Figure 3: Luminaire dimensions for mounting reference.

### 4.3. Electrical Connections

1. **Identify Wires:** Connect the supply wires to the luminaire's wires according to standard electrical codes (e.g., black to black, white to white, ground to ground).
2. **Secure Connections:** Use approved wire connectors to secure all connections. Ensure no bare wire is exposed.
3. **Tuck Wires:** Carefully tuck all wires into the junction box or mounting area, ensuring they are not pinched.

#### 4.4. Final Assembly

1. **Attach Luminaire Body:** Align the luminaire body with the secured backplate and fasten it using the provided screws. Ensure the waterproofing gasket is properly seated to prevent moisture ingress.
2. **Restore Power:** Once installation is complete, restore power at the circuit breaker and test the luminaire.

### 5. OPERATING INSTRUCTIONS

The LEDVANCE Mini Wall Pack offers adjustable wattage and color temperature settings, which must be configured **before** final installation and sealing of the unit.

#### 5.1. Wattage Selection

To adjust the wattage (and thus the lumen output), you must open the luminaire. Inside the fixture, locate the wattage selection switch. This switch allows you to select between 10W, 20W, or 30W settings.



Figure 4: Internal view showing the wattage selection switch.

#### 5.2. Color Temperature (CCT) Selection

Similar to wattage, the color temperature is selected via a switch located inside the luminaire. Choose between 3000K (Warm White), 4000K (Cool White), or 5000K (Daylight) to match your preference or application requirements.



*Figure 5: Internal view showing the color temperature selection switch.*

For a visual guide on color temperatures, please refer to the video below:

*Video 1: LEDVANCE Color Temperature Guide (CCT). This video demonstrates the visual differences between various color temperatures.*

### **5.3. Photocell Operation**

The luminaire includes an integrated photocell that automatically turns the light on at dusk and off at dawn. Ensure the photocell sensor is not obstructed by any objects or debris to guarantee proper function.

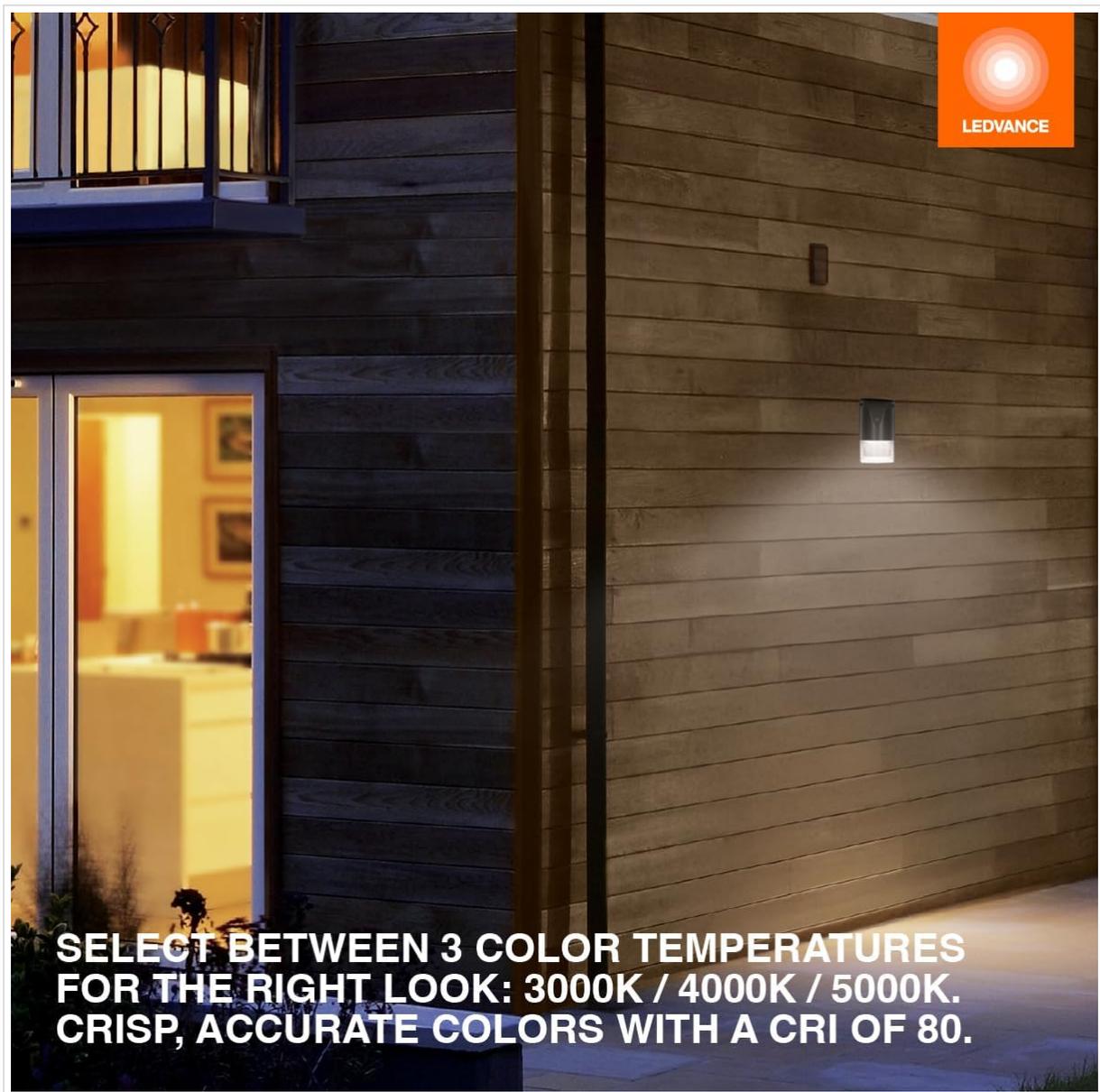


Figure 6: Location of the integrated photocell on the luminaire.

#### 5.4. Dimming Functionality

This luminaire is compatible with 0-10V dimming systems. Connect the dimming control wires according to the dimmer manufacturer's instructions and local electrical codes. The dimming function allows for adjustable light output from 100% down to 10%.

### 6. MAINTENANCE

The LEDVANCE Mini Wall Pack LED Luminaire requires minimal maintenance.

- **Cleaning:** Periodically clean the exterior of the luminaire with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or optical components.
- **Inspection:** Annually inspect the luminaire for any signs of physical damage, loose connections, or wear. Ensure the waterproofing gasket remains intact.
- **Photocell:** Keep the photocell sensor free from dirt, dust, and obstructions (e.g., leaves, snow) to ensure accurate light sensing.

### 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Luminaire does not turn on.	No power supply; Loose wiring; Faulty photocell; Incorrect switch settings.	Check circuit breaker/fuse. Verify all wire connections. Ensure photocell is unobstructed. Confirm internal wattage/CCT switches are set correctly.
Light output is too low/high.	Incorrect wattage setting; Dimmer setting too low/high.	Adjust the internal wattage selection switch. Check 0-10V dimmer settings.
Light color is incorrect.	Incorrect color temperature setting.	Adjust the internal color temperature selection switch.
Luminaire stays on during the day or off at night.	Photocell obstructed or faulty.	Clear any obstructions from the photocell sensor. If the problem persists, the photocell may require service.

## 8. SPECIFICATIONS

Specification	Detail
Brand	LEDVANCE
Model Name	LED Wall Pack
Item Model Number	63654
Color	Black
Material	Metal
Style	Black - Hardwired
Light Fixture Form	Wall
Product Dimensions	5.04"L x 2.76"W x 8.23"H
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	Hardwired (120-347V)
Installation Type	Flush Mount
Special Features	Adjustable Color Temperature, Dimmable, Energy Efficient, Lightweight, Photocell
Voltage	120-347 Volts
Light Color	Selectable (3000K/4000K/5000K)
Wattage	Selectable (10W/20W/30W)
Brightness	Selectable (1300/2600/3900 Lumens)
Water Resistance Level	Water Resistant (IP65)

Specification	Detail
Color Temperature	3000 Kelvin (selectable to 4000K/5000K)
CRI	80
Specification Met	DLC, FCC, RoHS, UL
Item Weight	1.45 pounds
Included Components	Mini Wall Pack Luminaire

## 9. WARRANTY AND SUPPORT

This LEDVANCE Mini Wall Pack LED Luminaire is backed by a **5-year manufacturer's limited warranty**. For warranty claims or technical support, please contact LEDVANCE customer service. Keep your purchase receipt as proof of purchase.