

Onforu BDS65WF-4

Onforu 65W Smart LED Flood Light Outdoor User Manual

Model: BDS65WF-4

1. IMPORTANT SAFETY INSTRUCTIONS

Read all instructions carefully before installation and use. Retain this manual for future reference.

- **Electrical Safety:** This product requires hardwired installation. Ensure power is disconnected at the circuit breaker before installation or servicing. All wiring must comply with local electrical codes. If you are unsure about wiring, consult a qualified electrician.
- **Grounding:** The fixture must be properly grounded to prevent electrical shock.
- **Operating Environment:** This flood light is designed for outdoor use and is IP65 waterproof. Do not submerge in water. Ensure the operating temperature is within the specified range.
- **Mounting:** Mount the fixture securely to a stable surface. Do not mount on surfaces that are unstable or prone to vibration.
- **Light Source:** Do not stare directly into the LED light source when illuminated, as it may cause eye damage.
- **Modifications:** Do not attempt to modify or repair the fixture. Unauthorized modifications will void the warranty and may pose safety risks.

2. PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- Onforu 65W Smart LED Flood Light (Model BDS65WF-4)
- Mounting Accessories (screws, wire nuts)
- Instruction Manual (this document)

3. PRODUCT OVERVIEW

The Onforu 65W Smart LED Flood Light features four adjustable light heads, offering wide illumination and smart control capabilities.



Image: Onforu 65W Smart LED Flood Light. This image shows the main flood light unit with its four adjustable LED panels and a smartphone screen displaying the control application interface, highlighting the smart features.

Key Features:

- **6500 Lumens Brightness:** Provides powerful illumination for outdoor areas.
- **Adjustable Color Temperature:** Tunable from 2700K (warm white) to 6500K (cool white).
- **Dimmable:** Brightness adjustable from 1% to 100%.
- **APP Control:** Manage settings via the "Onforu" APP (2.4 GHz WiFi required).
- **Voice Control:** Compatible with Alexa and Google Home.
- **Custom Timer Settings:** Schedule on/off times and adjust light parameters.
- **4 Adjustable Light Heads:** Offers a wide illumination area and flexible light direction.
- **IP65 Waterproof:** Suitable for various outdoor weather conditions.

4. INSTALLATION

This flood light is designed for wall mount or soffit mount installation. Ensure power is off before proceeding.

Tools Required (Not Included):

- Screwdriver
- Wire Strippers
- Drill (if mounting to a new location)

- Caulking gun and weather-resistant sealant (for sealing mounting plate)

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker controlling the outdoor lighting circuit and turn it OFF. Verify power is off using a voltage tester.
2. **Prepare Mounting Surface:** If replacing an existing fixture, remove it. Ensure the mounting surface is clean and flat.
3. **Attach Mounting Plate:** Secure the mounting plate to the junction box or desired surface using the provided screws. Ensure the plate is oriented correctly for wiring access.



Image: Easy Installation. This diagram illustrates the process of attaching the flood light's mounting plate to an exterior wall, showing the wiring connections.

4. **Wire Connections:** Carefully connect the flood light's wires to your household wiring:

- Black wire (Live) to Black household wire.
- White wire (Neutral) to White household wire.
- Green/Yellow wire (Ground) to Green or bare copper household ground wire.

Use wire nuts to secure connections. Ensure all connections are tight and insulated.



Image: Wiring Diagram and Dimensions. This image provides a clear diagram of the electrical wiring connections (Live, Neutral, Ground) and the physical dimensions of the flood light unit.

5. **Mount Fixture:** Carefully push excess wiring into the junction box and attach the flood light fixture to the mounting plate. Secure it with the provided screws.
6. **Seal (Optional but Recommended):** Apply weather-resistant sealant around the edges of the mounting plate to prevent water intrusion.
7. **Adjust Light Heads:** Loosen the adjustment screws on each light head to position them as desired. Tighten screws once adjusted. The heads can rotate up to 350 degrees horizontally and 90 degrees vertically.



Image: Adjustable Light Heads. This diagram highlights the flexibility of the four light heads, demonstrating their 350-degree horizontal rotation and 90-degree vertical tilt for optimal coverage.

8. **Restore Power:** Turn the power back ON at the circuit breaker.

5. SMART SETUP (APP CONTROL)

To utilize the smart features, download the "Onforu" APP and connect the flood light to your 2.4 GHz Wi-Fi network.

5.1 Download the Onforu APP

- Scan the QR code (if provided on packaging or product) or search for "Onforu" in your mobile device's app store (Apple App Store or Google Play Store).
- Install the APP and create an account or log in.

5.2 Connect to Wi-Fi

Ensure your mobile device is connected to a 2.4 GHz Wi-Fi network. The flood light does not support 5 GHz Wi-Fi.

1. **Power Cycle:** Turn the flood light ON, then OFF, then ON again quickly (within 2 seconds) to put it into pairing mode. The light should blink rapidly.
2. **Add Device in APP:** Open the Onforu APP, tap "+" or "Add Device".
3. **Select Device Type:** Choose "Lighting" or "Flood Light" from the device list.
4. **Confirm Blinking:** Confirm that the light is blinking rapidly in the APP.
5. **Enter Wi-Fi Details:** Enter your 2.4 GHz Wi-Fi network name and password.
6. **Pairing:** The APP will attempt to connect to the flood light. Once connected, the light will stop blinking and remain steadily on.
7. **Rename Device:** You can rename the flood light in the APP for easier identification (e.g., "Backyard Flood Light").

WIFI APP Smart Control

Effortless control with voice and app



Image: WiFi APP Smart Control. This image shows a smartphone with the Onforu app, demonstrating control over the flood light. It also highlights compatibility with 2.4GHz Wi-Fi, Alexa, and Google Home.

6. OPERATING INSTRUCTIONS

Control your Onforu Smart LED Flood Light using the Onforu APP or voice commands.

6.1 APP Control

Once connected, use the Onforu APP to access the following functions:

- **On/Off:** Toggle the light power.
- **Brightness Adjustment:** Slide the control to adjust brightness from 1% to 100%.



Image: Brightness Adjustable. This image displays the Onforu app interface on a smartphone, illustrating the brightness control slider from 1% to 100%, with the flood light illuminating a house at varying intensities.

- **Color Temperature Adjustment:** Select color temperature from 2700K (warm white) to 6500K (cool white).

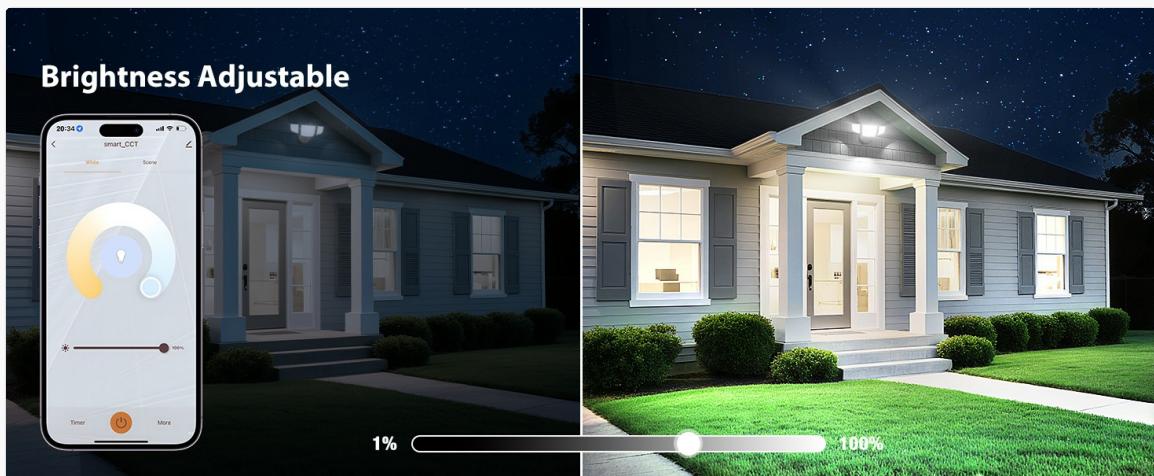


Image: Color Temperature Adjustable. This image shows the Onforu app on a smartphone, demonstrating the color temperature slider from 2700K (warm white) to 6500K (cool white), with the flood light changing its hue on a house.

- **Timer & Scheduling:** Set specific times for the light to turn on or off, or create daily schedules.
 - **Automatic On/Off:** Set a specific time for the light to activate and deactivate daily.
 - **Delay Timer:** Set the light to turn off after a specified duration.

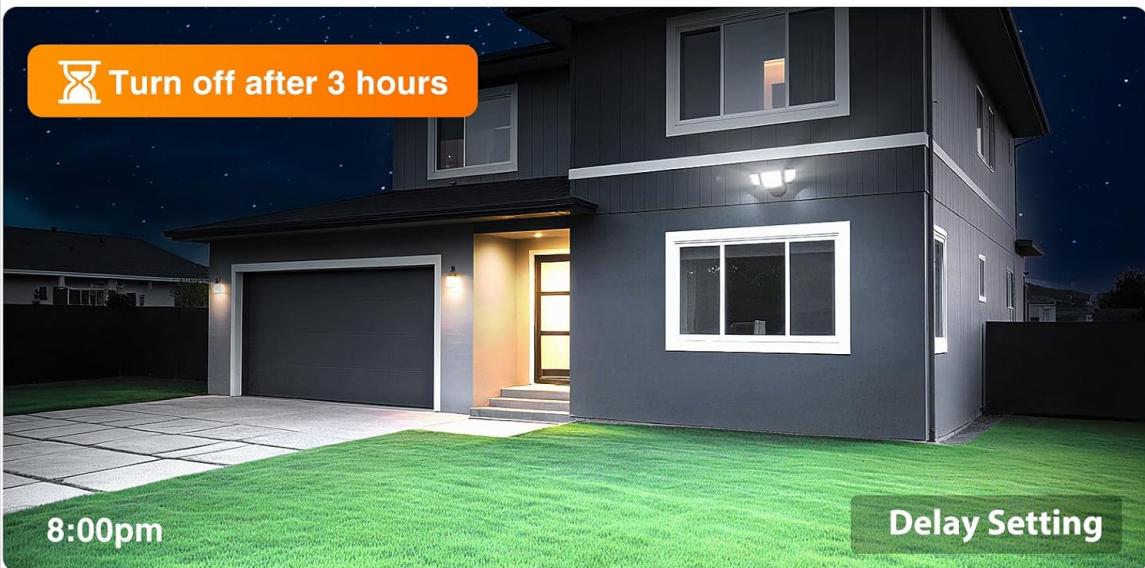


Image: Time Schedule and Delay Setting. This image illustrates two timer functions: setting a daily schedule for the light to turn on and off, and setting a delay for the light to turn off after a certain period.

- **Memory Function:** The light will remember your last settings (brightness and color temperature) when turned off and on.
- **Scene Modes:** Pre-set or customizable lighting scenes for different occasions (e.g., "Working", "Leisure", "Read", "Night").

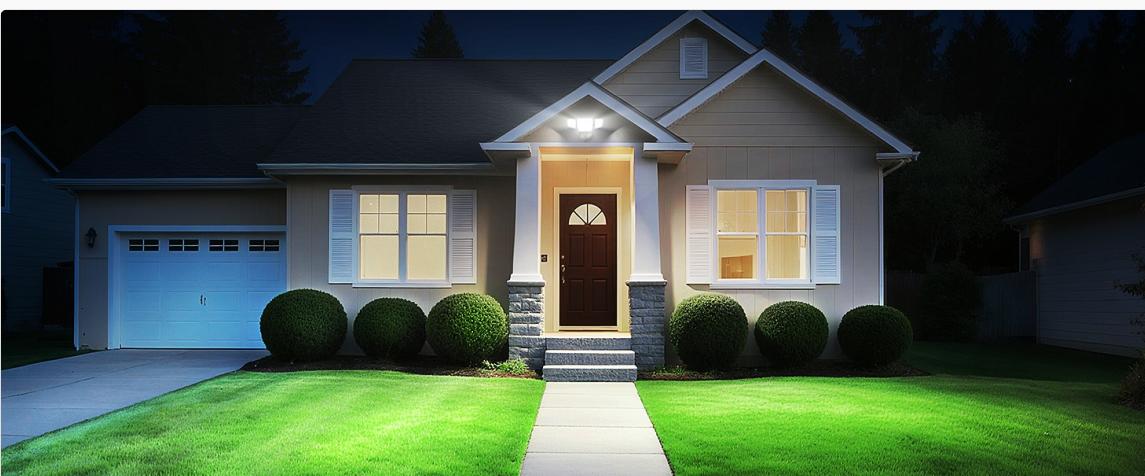


Image: Situational Model. This image demonstrates the Onforu app's ability to select different lighting scenes, such as "Working," "Leisure," "Read," and "Night," each with a distinct light output shown on an outdoor patio.

6.2 Voice Control (Alexa / Google Home)

Integrate your flood light with Amazon Alexa or Google Home for hands-free control.

- Link Account:** In the Alexa or Google Home app, enable the "Onforu" skill/service and link your Onforu account.
- Discover Devices:** Ask Alexa or Google Home to "Discover devices" or manually add the flood light.
- Voice Commands:** Use commands such as:
 - "Alexa/Hey Google, turn on [Device Name]."
 - "Alexa/Hey Google, turn off [Device Name]."
 - "Alexa/Hey Google, set [Device Name] to 50% brightness."
 - "Alexa/Hey Google, change [Device Name] to warm white."

7. MAINTENANCE

The Onforu Smart LED Flood Light requires minimal maintenance.

- Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Inspection:** Periodically check the fixture and wiring for any signs of damage or wear. If damage is found, disconnect power and consult a qualified electrician.
- No User-Serviceable Parts:** The LED light source is integrated and not replaceable. Do not attempt to open the light heads.

8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|--------------------------------------|--|--|
| Light does not turn on. | No power; loose wiring; faulty fixture. | Check circuit breaker. Verify wiring connections. If problem persists, contact support. |
| Cannot connect to Wi-Fi. | Incorrect Wi-Fi band (5GHz); incorrect password; light not in pairing mode; weak signal. | Ensure 2.4 GHz Wi-Fi. Re-enter password. Power cycle light to re-enter pairing mode. Move router closer or use a Wi-Fi extender. |
| Voice control not working. | Onforu skill not enabled; device not discovered; incorrect commands. | Enable Onforu skill in Alexa/Google Home app. Discover devices. Use correct voice commands. |
| Light flickers or dims unexpectedly. | Unstable power supply; loose wiring; interference. | Check power supply stability. Inspect wiring connections. Ensure no strong electrical interference nearby. |

9. SPECIFICATIONS

| | |
|--------------|-----------|
| Model Number | BDS65WF-4 |
| Power | 65W |

| | |
|-------------------------------|-------------------------------------|
| Brightness | 6500 Lumens |
| Color Temperature | 2700K - 6500K (Tunable) |
| Voltage | 120 Volts (AC) |
| Connectivity | 2.4 GHz Wi-Fi |
| Control Method | APP, Amazon Alexa, Google Assistant |
| Material | Aluminum |
| Water Resistance | IP65 Waterproof |
| Dimensions (L x W x H) | 6.45" x 4.8" x 10.39" |
| Item Weight | 2.01 pounds |



Image: IP65 Waterproof and Weather Resistance. This image visually confirms the flood light's IP65 waterproof rating, showing it enduring water spray, and also highlights its resistance to extreme temperatures (heat and frost).

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Onforu website.

- **Online Support:** Visit the [Onforu Store on Amazon](#)
- **Product Registration:** Register your product on the Onforu website to receive updates and support.

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