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› HALO Outdoor Integrated LED Floodlight GFLL70FSUNVDBZK User Manual

HALO GFLL70FSUNVDBZK

HALO Outdoor Integrated LED Floodlight

MODEL: GFLL70FSUNVDBZK

Introduction

Thank you for choosing the HALO Outdoor Integrated LED Large Floodlight. This manual provides essential information for the safe installation, operation, and maintenance of your floodlight. Please read these instructions thoroughly before installation and retain them for future reference.

The HALO Outdoor GFL Premium LED Commercial Floodlights are versatile floodlights designed for optimal value. This model delivers up to 8800 lumens maximum brightness of glare-free light, constructed from corrosion-resistant die-cast metal housing, and offers over 50,000 hours of maintenance-free use. It features 3 selectable color temperature settings (3000K, 4000K, 5000K) via physical control switches on the fixture housing and integrated on/off photocell for dusk-to-dawn operation.

Important Safety Information

WARNING: RISK OF ELECTRIC SHOCK. Disconnect power at the fuse or circuit breaker before installing or servicing. All wiring must be in accordance with national and local electrical codes.

- Ensure the electrical supply is turned off at the circuit breaker or fuse box before installation.
- Consult a qualified electrician if you are unsure about the installation process.
- Do not install on surfaces that are unstable or cannot support the fixture's weight.
- Wear appropriate safety gear, including safety glasses and gloves, during installation.
- This fixture is designed for outdoor use and is IP65 rated against dust and water.

Package Contents

Verify that all components are present before beginning installation:

- HALO Outdoor Integrated LED Large Floodlight Fixture
- Knuckle Mount (pre-attached)
- Wire Nuts
- Installation Hardware (screws for junction box cover)



The product packaging for the HALO Outdoor Integrated LED Large Floodlight, highlighting key features like 8800 lumens, 3 selectable CCTs, and dusk-to-dawn functionality.

Setup and Installation

This section provides detailed instructions for installing your HALO Outdoor Integrated LED Floodlight. For a visual guide, please refer to the installation video below.

This video provides a step-by-step guide for installing the HALO GFL Floodlight, including instructions for wiring, mounting, and adjusting settings.

1. **Turn Off Power:** Prior to installation, ensure that power has been turned off at the breaker and at the switch controlling the fixture location.
2. **Prepare for Ground Installation (Optional):** If performing a ground installation, a domed cover plate (sold separately) is used.
3. **Adjust Photocell Setting:** The photocell factory setting is "ON". To change the setting to "OFF" (if desired for manual operation), remove the photocell cover plug using a small screwdriver. Once the desired setting is selected, replace the cap.

4. **Wire Routing:** Feed all wires through the center mounting hole in the domed junction box cover. Thread the junction box cover onto the NPS screw of the fixture's knuckle mount. Then, feed all wires through the lock nut and thread it onto the NPS screw.
5. **Electrical Connections:** Make all electrical connections using the included wire nuts. If using a 0-10 Volt dimmer, uncap the pink and purple wires to connect them. If no dimmer is used, tuck all wires neatly into the junction box.
6. **Secure Fixture:** Use the screws included with the junction box cover to secure it firmly to the junction box.
7. **Adjust Fixture Angle:** Loosen the screw on the swivel knuckle joint to adjust the angle of the fixture to your desired position. Once adjusted, retighten the screw to secure the angle.
8. **Restore Power:** Return power to the fixture at the breaker and at the switch.
9. **Adjust CCT Settings:** To adjust the Color Correlated Temperature (CCT) settings, remove the knockout cover from the back of the fixture. Use the toggle switch inside to select your desired CCT setting (3000K, 4000K, or 5000K). Once the desired CCT setting has been selected, replace the knockout cover.



**UP TO
8800 LUMENS**

**REPLACES UP TO
250W_{MH}**

ON  **OFF**
DUSK to DAWN

Turn Photocell ON/OFF

Examples of easy installation methods, including knuckle mount (included), dome mount (sold separately), and landscape post mount (sold separately). Also highlights IP65 rating for demanding outdoor applications.



An exploded view diagram pointing out key features such as up to 8800 lumens, selectable CCT, 50,000-hour lifespan, 120-277V input, 0-10V dimmable driver, UV resistant lens, corrosion-resistant aluminum housing, 3CCT selectable sliding switch, integrated photocell sensor, and threaded knuckle mount.

Operating Instructions

Your HALO Floodlight is designed for ease of use and versatility.

- **Dusk-to-Dawn Operation:** With the integrated photocell set to "ON" (factory default), the fixture will automatically turn on at dusk and turn off at dawn.
- **Manual Operation:** If the photocell is set to "OFF", the fixture can be controlled manually via a wall switch.
- **Color Temperature Selection (CCT):** As detailed in the installation section, you can select between 3000K (Warm White), 4000K (Cool White), and 5000K (Daylight White) to suit your preference or application needs.

GFL Slim Flood Light Features



- Up to 8800 lumens (brightness)
- 50,000 life hours (22 years at 6 hrs/day)
- Color Selectable 3000K / 4000K / 5000K
- Universal input voltage of 120-277V and 0-10V dimmable driver

UV Resistant lens & wide
NEMA 7H7V beam spread



Corrosion resistant
aluminum housing



3CCT Selectable sliding
switch (back of fixture)



Integrated photocell
sensor with switch



Threaded knuckle
mount



An illustration demonstrating the photocell technology, showing automatic nighttime on and daytime off operation, or switch-activated control.



The floodlight in operation, illustrating its powerful 8800 lumens output, capable of replacing a 250W metal halide fixture, with an ON/OFF switch for the photocell.

Maintenance

The HALO LED Floodlight is designed for minimal maintenance. However, periodic cleaning and inspection can help ensure optimal performance and longevity.

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or electrical components.
- **Inspection:** Periodically check for any loose connections, damaged wiring, or signs of wear. If any issues are found, disconnect power and consult a qualified electrician.
- **LEDs:** The integrated LEDs are designed for long life and do not require replacement.

Troubleshooting

If your floodlight is not functioning as expected, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power to the fixture; Loose wiring; Photocell set to OFF (and no manual switch activated)	Check circuit breaker/fuse; Verify all wire connections are secure; Ensure photocell is set to ON or activate manual switch.
Light stays on during the day	Photocell obstructed or faulty; Photocell set to OFF (and manual switch left ON)	Clear any obstructions from the photocell; Ensure photocell is set to ON for automatic operation.
Light flickers or dims unexpectedly	Loose wiring; Incompatible dimmer switch (if applicable); Voltage fluctuations	Check all electrical connections; Ensure dimmer is 0-10V compatible; Consult electrician for voltage issues.

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

Specifications

Feature	Detail
Model Number	GFLL70FSUNVDBZK
Brand	HALO
Light Fixture Form	Floodlight
Material	Aluminum
Finish Type	Metal (Bronze)
Light Source	Integrated LED
Brightness	8800 Lumens (Max)
Color Temperature (CCT)	Selectable: 3000K, 4000K, 5000K
Voltage	120-277 Volts (Universal)
Wattage	60 watts
Dimmability	0-10V Dimmable Driver
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	Water Resistant (IP65)
Special Features	Anti-Rust, Dusk-to-Dawn Photocell
Mounting Type	Wall Mount (Knuckle Mount included)
Item Dimensions L x W x H	8.5"L x 2.2"W x 8.6"H
Item Weight	3 Pounds
Manufacturer	Cooper Lighting Solutions

Feature	Detail
UPC	080083260645



Detailed dimensions of the floodlight (8.5"L x 2.2"W x 8.6"H) and the 3-position switch for selecting color temperatures (3000K, 4000K, 5000K).

Easy Installation!

- Ideal for commercial or residential applications
- Several ways to mount - Domed junction box, wall and landscape. (accessories sold separately)



Knuckle mount
(included)



Dome mount
(sold separately)



Landscape post mount
(sold separately)



IP65 rated perfect for
demanding outdoor applications

The floodlight installed on a building, showcasing its modern design and indicating the presence of CCT Select and Photocell Select Technology. Certifications like UL, DLC Listed, RoHS, and FCC are also visible, along with a 5-year warranty.

Warranty and Support

This HALO Outdoor Integrated LED Large Floodlight comes with a 5-year limited warranty from Cooper Lighting Solutions. For warranty claims or technical support, please contact Cooper Lighting Solutions customer service. Keep your purchase receipt as proof of purchase.

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