

INSTALLATION INSTRUCTIONS



VOLT® Low Voltage Landscape Lighting
VOLT® Floodlight with Motion Sensor
VFL-40XX-MS-ABZ

Help Hotline:

1-813-978-3700 • Mon-Fri 8am-8pm • Sat-Sun 10am - 6pm (EST)

Specifications and product details subject to change without notice.
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customersupport@voltlighting.com • 813.978.3700



Important: Please Read Before Installation

This luminaire is intended for installation in accordance with local codes and the National Electric Code (NEC). Failure to adhere to these codes and instructions may result in serious injury, property damage and void the warranty.

These instructions do not intend to cover all variations in installation, operation maintenance or mounting situations.

1. Make sure that the power is turned OFF before installing or servicing this fixture.
2. Warning: this fixture is not intended to be installed within 10 feet [3 meters] of a pool, spa or fountain.
3. This fixture is intended to be used only with a power supply (transformer) rated maximum of 300 watts (25 AMPS) at 12 volts.
4. Underground Low Energy Cable must not be buried over 6" (15.2 cm) in order to connect to the main low voltage cable.
5. Wiring connections must be made with wire connectors that is suitable for outdoor use.
6. Position the wire connector so that it is located within 6 inches (15.2 cm) from a building structure, a luminaire, or fitting.

Important Safety Instructions

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS
Lighted lamp is HOT!

WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS.

1. Lamp gets HOT quickly! Contact only switch/plug when turning on.
2. Do not touch the hot lens, guard or enclosure.
3. Keep lamp away from materials that may burn.
4. Do not touch lamp at any time. Use a soft cloth. Oil from skin may damage lamp.
5. Do not operate the luminaire fitting with a missing or damaged shield.

SAVE THESE INSTRUCTIONS

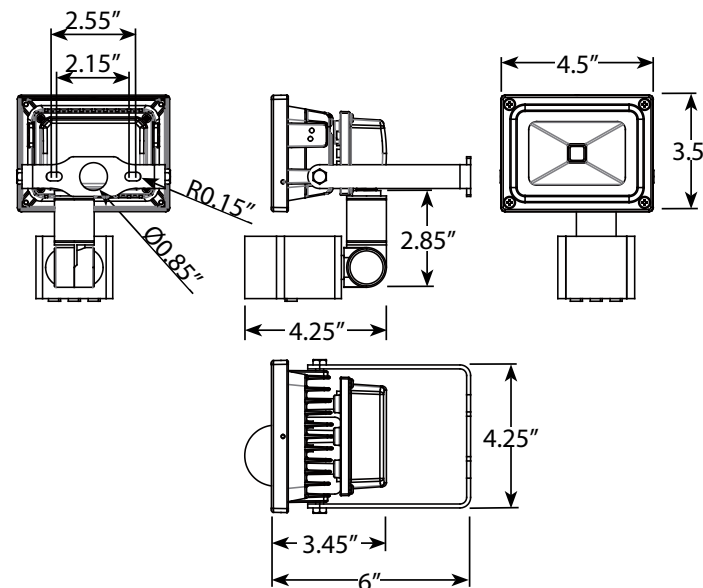
Package Contents

- A. (1) Fixture Body

Products Model #

Model	Input Voltage	Power Factor	Watt	Input Current	Finish	Mounting
7W Flood Light	AC 12V	>0.65	7W	0.7A	Bronze Powder Coat	Yoke
10W Flood Light	AC 12V	>0.65	10W	1A	Bronze Powder Coat	Yoke
30W Flood Light	AC 12V	>0.8	30W	3A	Bronze Powder Coat	Yoke

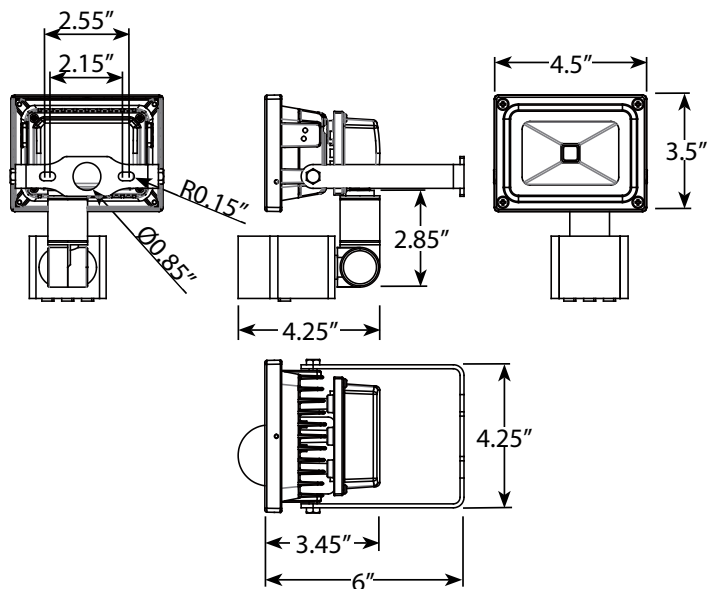
Product Dimensions



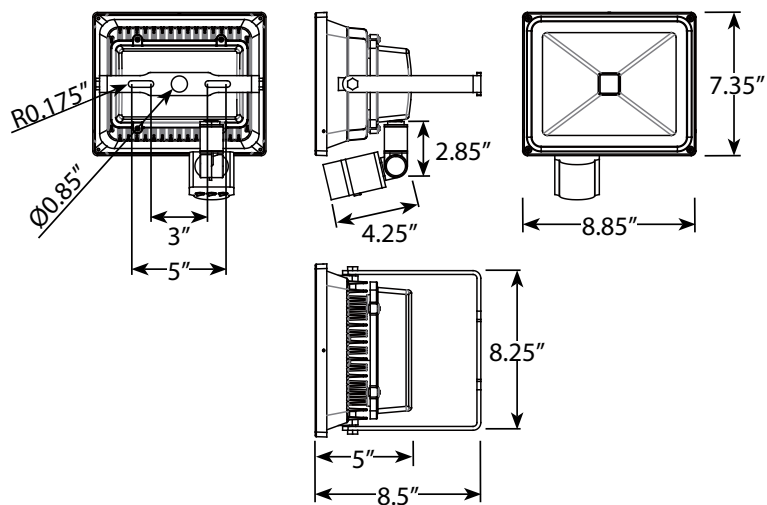
7W Flood Light



Product Dimensions

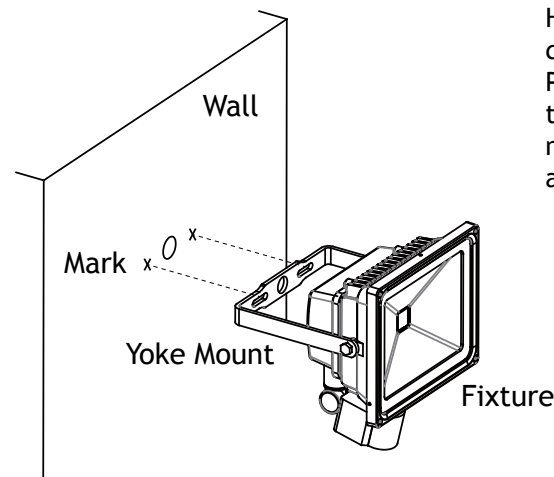


10W Flood Light



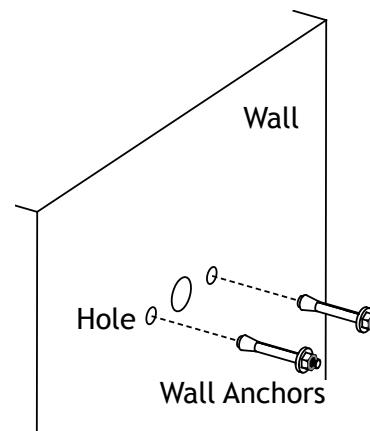
30W Flood Light

1 Place Marks for Wall Anchor Bolts



Hold the yoke mount to your desired mounting surface. Place a mark on the wall using the holes of the mount. These marks will be used for the wall anchors.

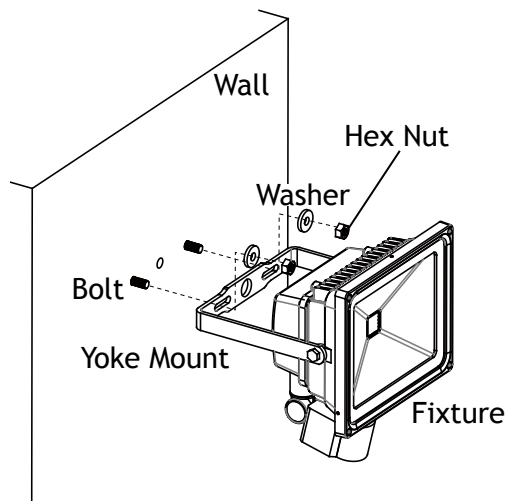
2 Install Wall Anchors



Drill the holes for the wall anchors using the marks on the wall. Insert the wall anchors into the drilled holes. Tighten the hex nuts on the bolts until they are secure to the wall.

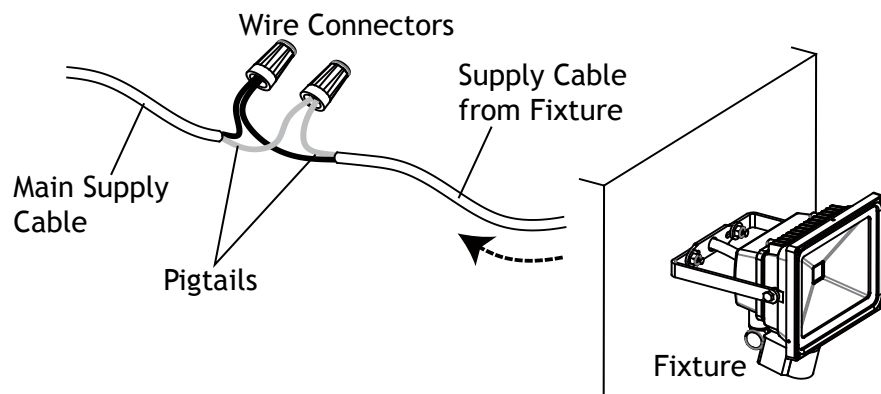


3 Install Fixture



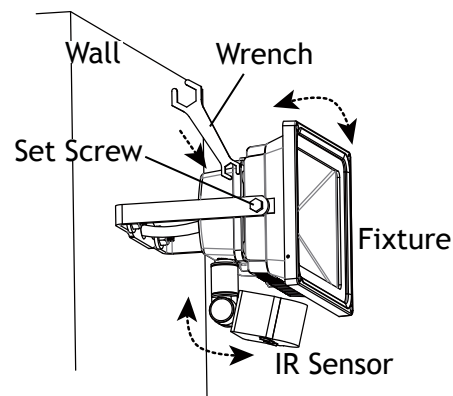
Remove the hex nuts and the washers from the wall anchors. Attach the yoke mount of the fixture to the wall anchors and secure them in place with the previously removed washers and hex nuts. Tighten until snug.

4 Wire Connections



Strip both leads from the fixture pigtail and main supply cable. Using two wire connectors (sold separately), connect the leads from the fixture to the main supply cable leads.

5 Adjust Fixture and IR Sensor



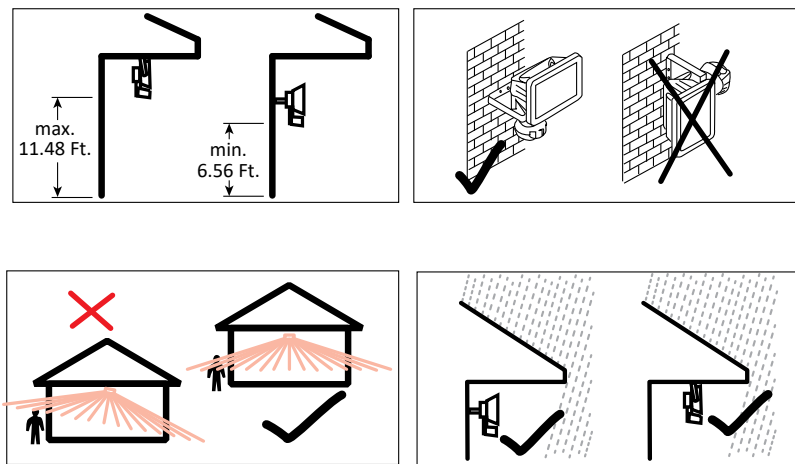
Adjust the fixture to your desired orientation and tighten set screws with a wrench. Adjust the IR sensor to proper orientation.

After installation, but before power is on:

- Check whether the lighting fixture is firmly fixed.
- Check whether wires are connected properly.

Infrared (IR) Sensor

This product can be installed outdoors. It is recommended to install in these orientations to protect the flood light against heavy rain.





Infrared (IR) Sensor (Continued)

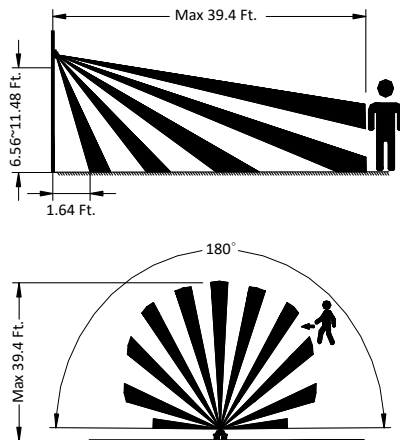
Detection distance: max. 39.4 feet

Detection angle: 180°

Optimal installation height:

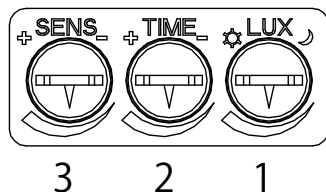
6.56 - 11.48 feet

Operating humidity: < 93% RH



1. **LUX:** 0-2000 lux twilight sensor sensitivity adjustable.

- When set at maximum (towards the sun) the motion sensor works even in the day time.
- When set at minimum (towards the moon) the motion sensor works only in the dark.



2. **TIME:** From 7 sec to 15 min. adjustability

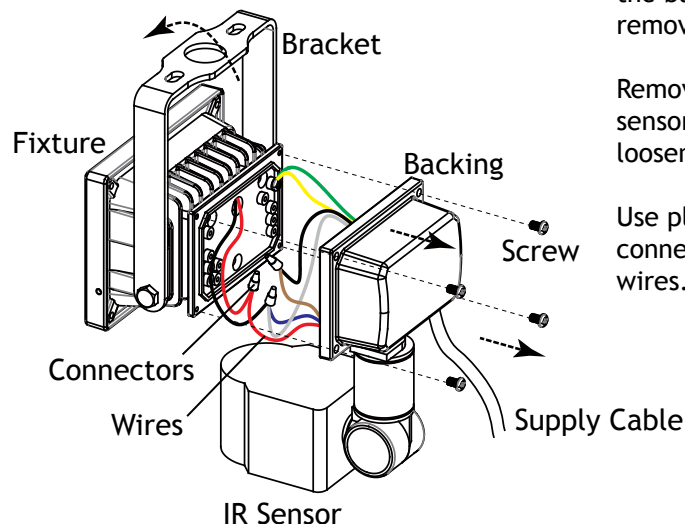
- At the maximum setting, the fixture is illuminated 15 minutes after the sensor is triggered.
- At the minimum setting, the fixture is illuminated 7 seconds after the sensor is triggered.

3. **SENS:** If the sensor is too sensitive or not sensitive enough, it can be adjusted here.

Last, turn on the power and check if the lighting fixture works.

Replace IR Sensor

1 Remove Backing with IR Sensor

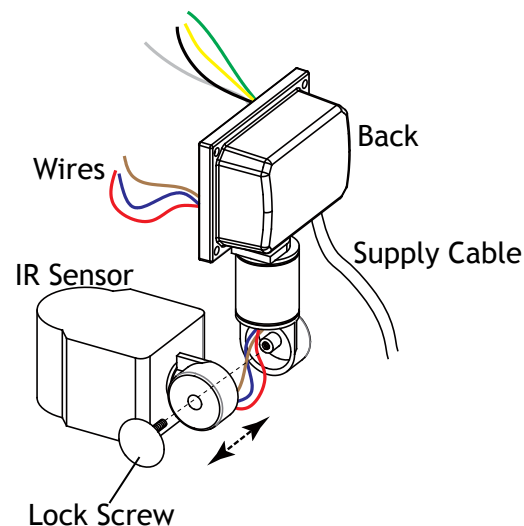


Rotate the bracket so that the backing can easily be removed from the fixture.

Remove the backing with IR sensor from the fixture by loosening the screws.

Use pliers to squeeze the connectors and release wires.

2 Remove/Replace IR Sensor

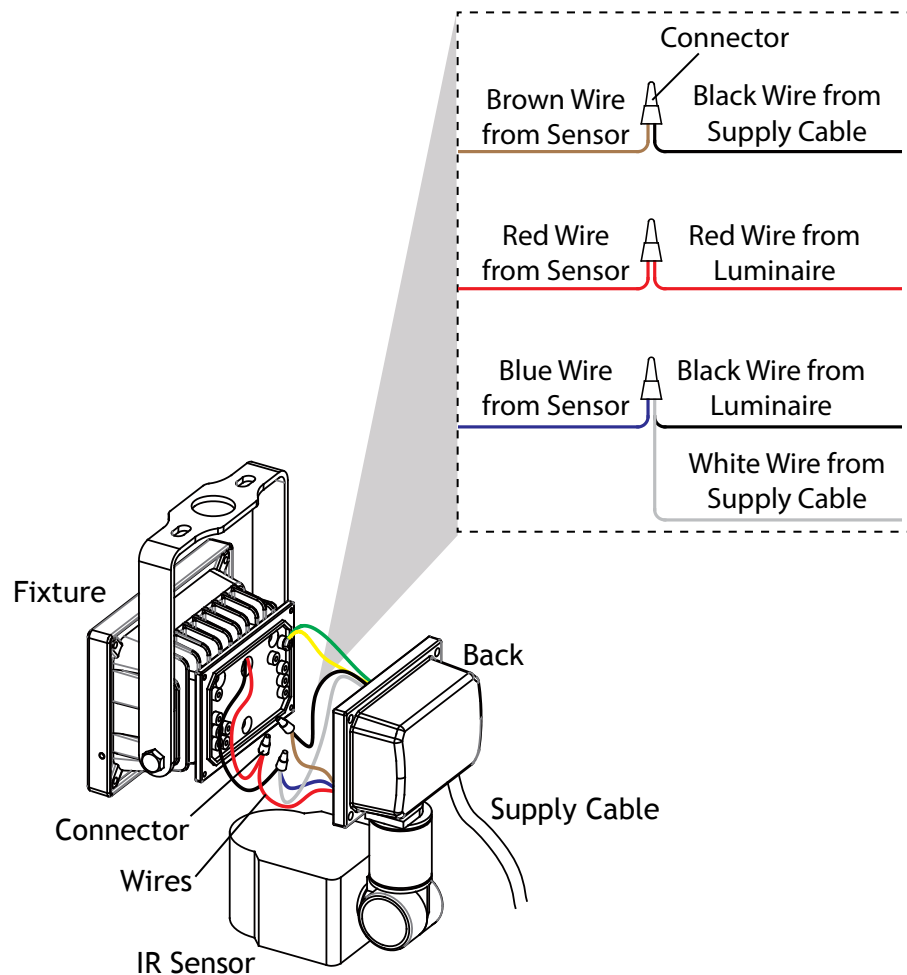


Unscrew the lock screw from the knuckle and remove the IR sensor from the back of the fixture.

Place the wires of the replacement IR sensor inside of the back by passing wires through the knuckle. Then, connect the replacement sensor to the back by using the previously removed lock screw. Hand tighten until snug.

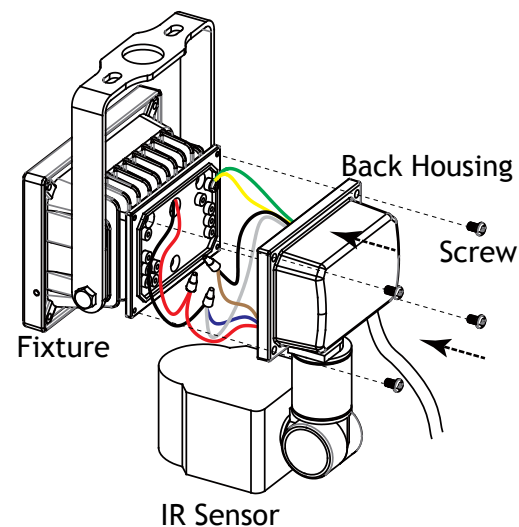


3 Make Connections of IR Sensor Wires



Refer to the wire connections illustration, connect wires from the driver, the IR sensor and the supply cable by using wire connectors (not included). Squeeze connectors with pliers to engage crimp connectors.

4 Make Connections of IR Sensor Wires



Carefully tuck all the wires inside of the back housing. Place the backing with the IR sensor back onto the fixture and secure with previously removed screws. Hand tighten until snug with a screwdriver.



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