

LCF-2G 20W INSTALLATION INSTRUCTIONS



BEFORE YOU BEGIN
Read and follow all safety instructions



WARNING

RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal.
- Use only UL (or other NRTL) approved wire for input/output connections.
- Make sure LEDs and drivers are cool to touch when performing maintenance. Make sure the supply voltage is the same as the rated voltage of the luminaire.
- Do not install in a hazardous atmosphere, except where the ambient temperature does not exceed the rated operating temperature of the fixture.
- Keep tightly closed when in operation



Prepare Electrical Wiring



Electrical Requirements

Must check if the local voltage range is correspond with the working voltage of the fixture. Use min. 75°C supply.



Grounding Instructions

The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes.



Follow all applicable safety procedures and use Personal Protective Equipment such as hardhats, safety glasses, reflective vest, electrical safety gloves, fall protection equipment and safety toe boots during the installation, operation, and maintenance of the luminaire.

*** Any damage caused from improper installation will void warranty and not be accepted for RGA (Return Goods Authorization). Improper installation includes but not limited to field-drilled hole(s), improper latch closure and any damage caused during installation.**

Contractor is responsible for adequately reinforcing ceilings to support luminaire weight. Utopia Lighting accepts no responsibility for inadequately reinforced ceilings. The information contained in this drawing is the sole property of Utopia Lighting.

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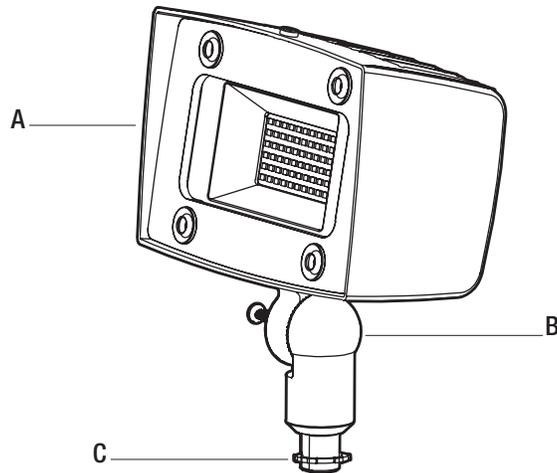
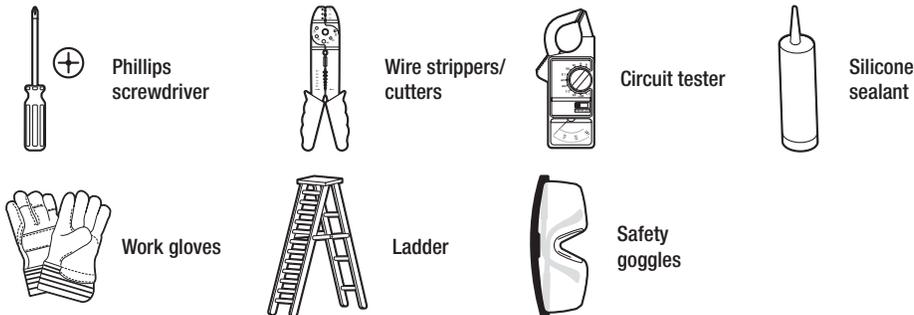


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SPECIFICATIONS

Lumens (Light Output)	2000 Lumens
Watts (Power Consumption)	20 Watts LED
Replaces	70 Watt Metal Halide
Lumens/Watts (Efficacy)	100 Lumens per watt
Power Requirements (Input Voltage)	120–277VAC
Light Color (CCT)	4000 Kelvins (Bright White)
Dimmable	Non-dimming. Do not wire to a dimming switch.

TOOLS REQUIRED



Part	Description	Quantity
A	Light fixture	1
B	1/2 in. Swivel NPS threaded knuckle mount	1
C	Knuckle mount washer	1

 **NOTE:** The junction box cover plate is not provided in the box.



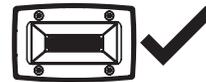
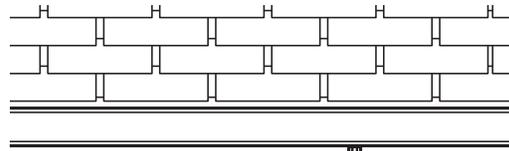
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Preparing for Installation

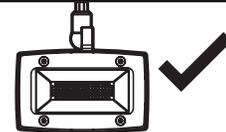
- The fixture must be mounted using the swivel knuckle.
- It can be installed into a domed cover plate (by others) or on a junction box (by others) or via a landscape post (by others).
- When installing two fixtures on one switch, make sure the switch is rated for at least 1A inductive load.
- 20W model is non-dimmable.



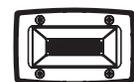
IMPORTANT: Cover plates for junction boxes, landscape posts, and other mounting arms and accessories are available. Please contact The Manufacturer customer support.



Wall Mount

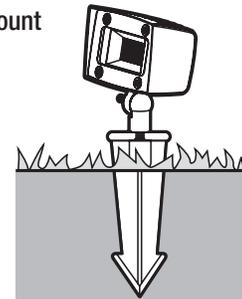


Eave Mount



Ground Mount

Landscape Post

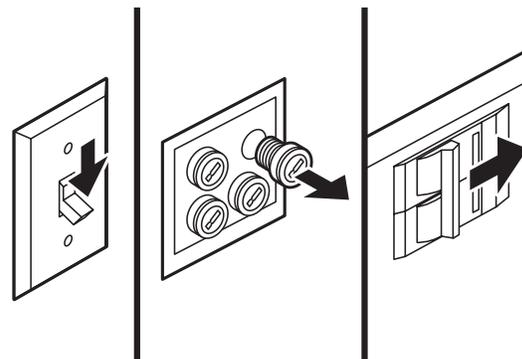


Dome Cover Plate with Center Hole

Installation

1 Turning off the electricity

- Verify the wall switch is in the OFF position. Turn power OFF at the circuit breaker that supplies power to the outlet box you are working on.
- For screw-in type fuses unscrew the fuse that supplies power to the outlet box you are working on.



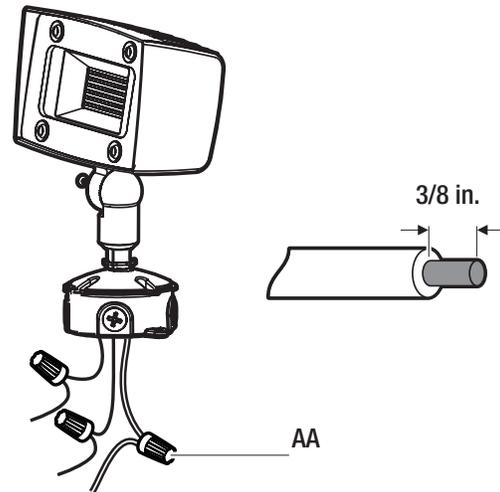
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2 Making the electrical connections

- If necessary, strip 3/8 in. of insulation from the junction box or fixture (A) wires.
- Thread the wire through the domed cover plate of the junction box (not provided) or landscape post (not provided).
- Make wiring connections into the junction box or post by following the wiring instructions below.

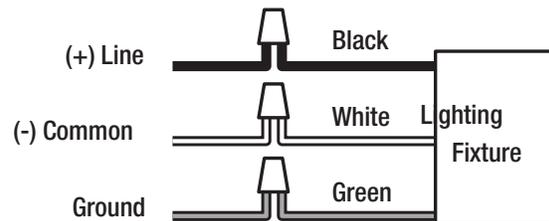
ON/OFF Wiring (Non Dimming) Method:

- Connect the fixture black wire to the supply black wire ((+) line), and fixture white wire to the supply white wire ((-) common) by twisting the exposed wires together and using the wire nuts. Ensure there are no loose wires.
- Connect the supply ground wire to the green fixture ground wire by twisting the exposed wires together and using the wire nuts.



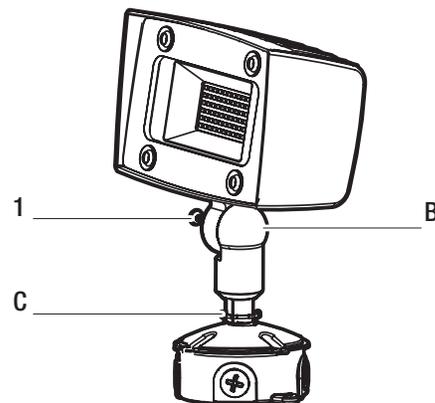
NOTE: Hold stripped ends near each other and align any frayed strands (do not twist wires).

Push the wires into wire nut and use your fingers to twist the wire nut clockwise until tight. Check for tightness by pulling wires.



3 Securing the fixture and adjusting orientation

- Secure the fixture to the junction box or landscape post by inserting the threaded swivel knuckle mount (C) into the cover plate or landscape post.
- Place the knuckle mount washer (D) on the inside of the domed cover plate and tighten the fixture to the plate.
- If applicable, plug all unused holes and seal threads with silicone.
- Loosen the screw (1) on the swivel portion of the knuckle (C) using a Phillips screwdriver. Adjust the fixture to a suitable orientation, and then tighten the screw (1).



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Care and Cleaning

- Shut off the main power supply before cleaning the product. To prolong the original appearance, clean the light fixture with clear water and a soft, damp cloth only. Do not use abrasive cleaners or cleaners that contain alcohol. Do not apply paints, solvents, or any other warranty.
- Do not spray the light fixture with a hose or power washer.

Troubleshooting

Problem	Possible Cause	Solution
The light does not turn ON.	There is no power to the fixture.	<ul style="list-style-type: none"><input type="checkbox"/> Check if circuit breaker is tripped.<input type="checkbox"/> Confirm wall switch is ON. Verify wiring to the fixture is correct (turn power OFF to fixture beforehand).
The light flickers.	The light fixture is wired through a dimmer switch.	Do not use a dimmer switch to control the light fixture. replace the dimmer with a standard ON/OFF wall switch.

