



LED GROW LIGHT MODEL: GL-3/4/30/FS/1RM INSTALLATION INSTRUCTIONS

PREPARATION

Before beginning installation of the product, make sure all parts are present. If any part is missing or damaged, do not attempt to assemble, install or operate the product.

Estimated Assembly Time: 10 Minutes

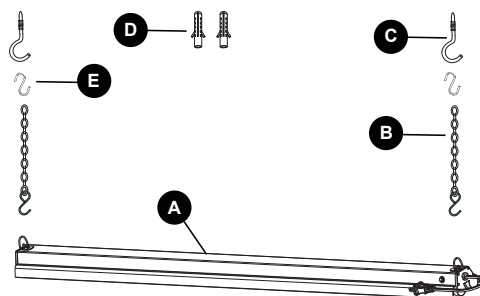


Conforms to UL Std.153
Certified to CSA STD C22.2 No.250.4



PACKAGE CONTENTS

PART	DESCRIPTION	QUANTITY
A	Fixture Assembly	1
B	Chains	2
C	"J" Hooks	2
D	Wall anchors	2
E	S Connectors	2



SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate or install the product

1. ⚠ WARNING: RISK OF SHOCK

House electrical current can cause painful shock or serious injury unless handled properly. For your safety, always remember to:

-Turn off the power at the fuse or circuit breaker box before you install the grow light.

2. This grow light is designed for use in a circuit protected by a fuse or circuit breaker. This grow light is intended to be installed directly beneath a ceiling-mounted receptacle and any excess cord should be kept out of the workspace. It is also designed to be installed in accordance with local electrical codes. If you are unsure about your wiring, consult a qualified electrician or local electrical inspector, and consult your electrical code.

3. Account for small parts and destroy packing material, as these may be hazardous to children.

4. ⚠ WARNING: RISK OF INJURY

Do not open grow light. No serviceable parts inside.

5. ⚠ WARNING: RISK OF FIRE

Most dwellings built before 1985 have a supply wire rated 60°C. Do not overload the circuit and wiring.

Consult a qualified electrician.

6. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device

⚠ This device complies with part 15 of the FCC Rules. Operation is subject to the following 2 conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

LIMITED WARRANTY

For 5 years from the date of purchase, this product is warranted for the original purchaser to be free from defects in materials and workmanship through normal use. In order to obtain this service, please return this item to the place of purchase with valid proof of purchase and the defective product will be replaced at no charge. This guarantee gives you specific legal rights, and you may have other rights that vary from state to state.

This grow light was carefully packed and thoroughly inspected before leaving our factory.

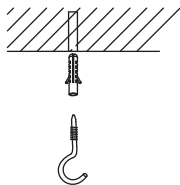


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Before beginning assembly, installation or operation of product, make sure all parts are present. Compare parts with package contents list on previous page. If any part is missing or damaged, do not attempt to assemble, install or operate the product. Contact customer service for replacement parts. Select suitable location that can support the weight of the fixture. Determine method of mounting before drilling. Mark two spots on the ceiling 44-½ inches apart for the mounting hardware.

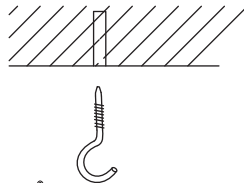
1 Mounting to drywall

Drill a ¼ in. hole in the ceiling to clear the closed flaps of the toggle bolt. Make sure to fasten the toggle bolt into the butterfly nut before inserting the flaps into the ceiling. Tighten the toggle bolt.



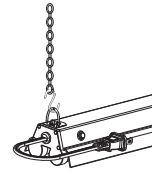
2 Mounting to wood

Drill a 1/16 in. diameter pilot hole in the ceiling. Make sure to fasten the combo wood-machine end into the metal hook. Tighten the hook screw into the wood.



3 Attaching the light to the chain

Install one header of chain to the hook on the fixture body. Repeat this step on the other side of the fixture.



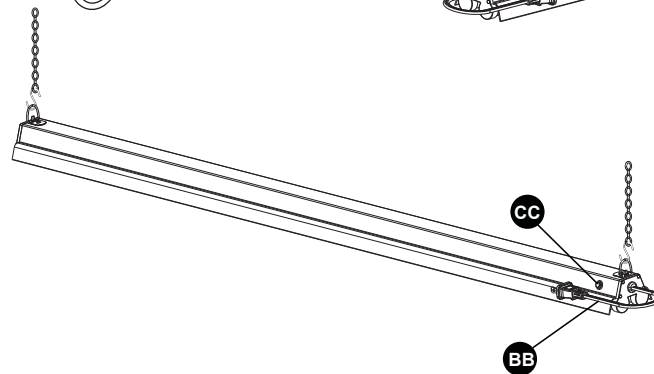
4 Attaching the chain to the ceiling

Install the pendant to the screw, tightened by hand. Hang the fixture body by placing one chain set over each hook that has been installed on the ceiling. Adjust chains to level light. The fixture must hang at least 3 in. from the ceiling.



5 Connecting the power cord

After installation, plug the power cord (BB) into the power supply. Push to turn on the Switch (CC).



⚠ WARNING: “J” Hooks are for mounting onto wood ceiling or a plaster board surface (Recommend minimum 3/8 inches thick). Install each “J” hook or other mounting/hook option exactly 44-½ inches apart. Check to make sure the hold is secure and appropriate for the weight of the grow light. Never hang on the grow light or hang any object from the grow light.

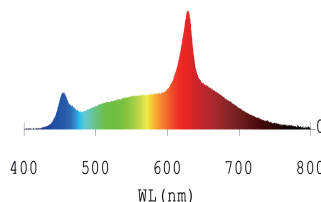
⚠ WARNING: DO NOT INSTALL on radiant-heating ceilings.

⚠ WARNING: These hooks are to engage the hanging chain only and not the electric cord.

Lighting Summary, Horticultural Application

Brand	Archipelago Lighting	PAR (µmol/s)	51.4
Model	GL-3-4-30-FS	PAR efficacy (µmol/J)	1.7
Lamp Type	LED	PAR efficacy (mol/KWh)	6.1
Voltage(VAC)		Luminous Flux (lm)	2951
Current(A)		CCT (K)	3065
Power(W)		CRI (Ra)	None
Photon Flux (µmol/s)		Normalized Photon Flux	
mm range (µmol/s)		400 500 600 700 800	
400-499		7.395	
500-599		16.550	
600-699		27.490	
Total		51.435	

Normalized Photon Flux



Care & Cleaning



CAUTION: Before attempting to clean the fixture, disconnect the power to the fixture by turning the breaker off or removing the fuse from the fuse box.

Your fixture is made from quality materials that will last many years with minimum care. You may want to periodically clean the diffuser, or interior of the fixture using a mild, non-abrasive glass cleaner and a soft cloth.

DO NOT use solvents, or cleaners containing abrasive agents. When cleaning the inside of the fixture, make sure you have the power turned off, and do not spray liquid cleaner directly onto the LEDs, LED driver or wiring.