

Installation guide

Installation steps

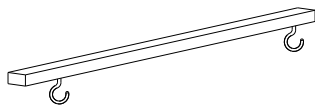
Caution: 1) G300V1G03-300W weighs approximately 14lbs, hold it steady as not to broke its glass cover.

2) The fixture only contains stainless steel lanyards by default. Eye bolts, hangers and the steel beam are not included for the following two installations.

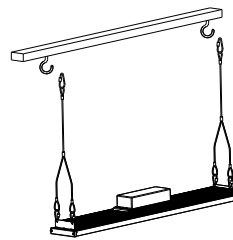
3) Damage due to improper installation is not covered under warranty.

Eye bolt installation

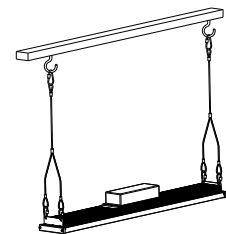
1 Securely install the eye bolts in the steel beam.



2 Attach the end of each cable gripper (included) to the eye bolt assembly to suspend the fixture.

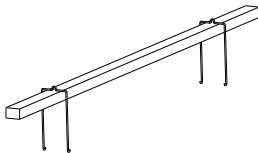


3 Complete the fixture installation and connect the AC cable.

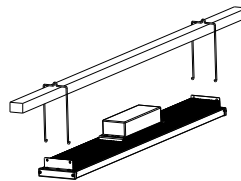


Hanger installation

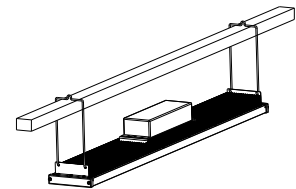
1 Put the hanger on the steel beam.



2 Hook the hanger ends into the hanging holes on the light fixture.



3 Complete the fixture installation and connect the AC cable.



Wiring instructions

100 to 277 VAC wiring		Dimming wiring	
Color	Function	Color	Function
Black	Live wire	Purple	DIM +
White	Neutral wire	Grey	DIM -
Green	GND		



Notice: 1) The lamp do not come with plug cable by default. If you need plug cable, please contact Kingrowlight.

2) Please follow the wiring instructions shown in the diagram to connect the lamp, so as not to cause damage to the lamp driver due to wrong connection.

3) Certified input voltage range: UL, FCC 100-277Vac; otherwise: 90-305Vac.

Product info

Nominal wattage : 300W

Typical PPF : 720umol/s

Efficacy : 2.4umol/J

Warranty : 5 years

Applications: 48"wide pallet racking systems

Mounting height: 6-24"(15-60cm)above canopy

Mounting scheme: Eye bolt or hanger installation

Housing and finish: Anodized aluminum

Environment: Wet location rated(IP65 water-proof)

Standard: UL8800,UL1598, RoHS, FCC, CSA C22.2#250.0

Test equipment: EVERFINE GO-2000A V1 system V2.0.291; EVERFINE HAAS-1200; EVERFINE PLA-30 plant lighting analyzer; Handheld PPF tester .

Warranty

Kingrowlight backs this product with a 5 years warranty against defects in materials and workmanship under normal conditions of use. Valid warranty begins on the date of invoice or purchase receipt. If Kingrowlight believes the product is defective and fails to provide this warranty, Kingrowlight will, at its sole discretion, either repair a replacement or refund the purchase price. This warranty is void if incorrect installation wiring is determined to be misused to alter or repair this product without the written consent of Kingrowlight.

General care

- LED Grow lights are passively cooled with zero moving components. They are designed for harsh environments and years of maintenance-free performance. Some basic care will keep your lights working at peak performance cycle-after-cycle.
- Natural convection removes heat away from the heat sink. In order to properly cool itself, at least one inch of space is required between the fixture and the roof of your grow area. Failure to do so may shorten the fixture's lifetime.
- To achieve the optimal lifetime and performance of your fixtures, periodically inspect and remove the radiator and tempered glass for excess dust, debris and minerals.
- For general cleaning of external parts of our products use only facility compressed air or a soft bristle brush. For spot-freelens cleaning use only a soft non-abrasive cloth and if necessary, a mild general purpose non-solvent glass cleaner that is compatible with indoor crop production regulations.

Warning

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

- 1) This device may not cause harmful interference.
- 2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Safety notes

CAUTION



- 1) Please read the manual thoroughly before you install or operate linear LED grow lights and keep it for future reference.
- 2) This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- 3) If the external flexible cable or cord of this fixture is damaged, it must only be replaced by the manufacturer or a service agent or similar qualified person, in order to avoid a hazard.
- 4) The fixture is provided with an open tail cable. Consult a qualified electrician to ensure correct branch circuit conductor.
- 5) This product must be installed and maintained by certified electrician. Turn OFF the power before installation and maintenance.
- 6) Make sure the products are securely installed.
- 7) The product must be grounded. Connect to power ground only.
- 8) Wear safety glasses if you must look directly into the light.
- 9) Do not modify or loosen any part of this fixture.

