

100 degree



150 degree

IMPORTANT SAFETY PRECAUTIONS & EXPLANATIONS OF SYMBOLS

Warning! Carefully read the warnings below before using or working with the product.

- Always adhere to the local rules and regulations when installing or using the fixture.
- Do not open or disassemble the fixture, it contains no serviceable parts inside. Opening the fixture can be dangerous and will void the warranty.
- Do not use the fixture when either its lamp or its power cord is damaged.
- Do not expose the fixture to:
 - Condensing humidity, heavy mist, fog or direct spray
 - (Ambient) temperatures outside the specified range
 - Dust and contamination
 - Direct sunlight during use or HID light that could heat up the ballast
- Always disconnect the fixture from mains before performing any maintenance.
- Always allow for a cool down period of at least 30 minutes before touching the lamp or reflector. Touching the lamp or the reflector when the lamp is lit or immediately afterwards, will result in severe burns!
- Never touch the lamp with bare hands as this will cause damage to the lamp.
- Do not use the fixture near flammable, explosive or reactive substances.
- Do not use sulfur vaporizers or water misters. Sulfur and calcium deposits on your reflector will decrease its efficiency.

LAMP INSTALLATION

1. Open both lamp holders by sliding them outwards and away from the center of the fixture.
2. If there is a protective film on the reflector surfaces, be sure to remove it completely prior to turning on the system. Please note that do not touch the inside of the reflector after peeling off the protective film, which will reduce the reflectance of the reflector.
3. Please note that it is best to wear gloves when handling the lamp in order to avoid getting skin oils, which can potentially damage and reduce lamp life, on the lamps envelope.

Do not apply excessive force when installing lamp.

NOTE: The lamp must be oriented so that the high voltage wire end/lead (the end near the getter, which is the small square tab attached to the wire loop) is installed in the socket end closest to the ballast as seen in Photo A.

4. Also be sure that the lamp is oriented so that the burner filament (the long wire that runs along the full length of the arc tube) is positioned upward facing the top inside surface of the reflector.
5. Ensure that the wire ends/leads are not bent or frayed, as this will prevent proper installation. Begin by installing the double-ended lamp within the lamp holders shown in Photo A.
6. The wire ends/leads must be fully seated as shown (Photo B) before sliding each socket end closed.
7. After sliding the socket ends closed, be certain that there is no gap between the edge of the sliding section and the part it meets at the end of the slide path. Once lamp is positioned correctly, slide the lamp holder inward toward the center of the lamp to secure and lock the lamp in place as shown in Photo C.

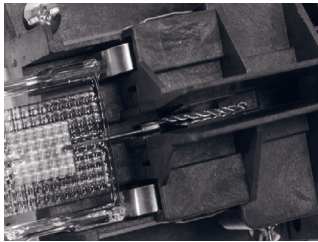


Photo A



Photo B

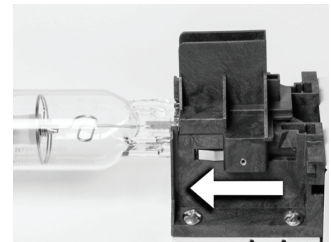


Photo C

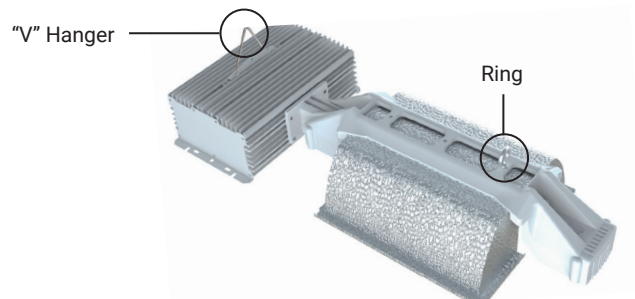
COMPONENTS

1. Fixture
2. Power Cable
3. External RJ14 Network Cable (1)
4. "V" Hanger and Ring



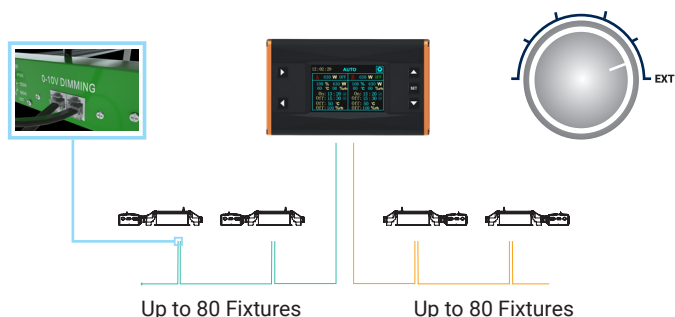
PREPARING THE FIXTURE FOR USE

- Switch off main power.
- Install the lamp in the fixture.
- Hang the fixture by the two mounting points.



0-10V CONTROL CONNECTION

1. Mount your ballasts or complete fixtures and your controller.
2. Set the ballasts dial to EXT (external control).
3. Install the temperature sensors in your rooms.
4. Plug the control wire into the controller and plug the other side into the first ballast.
5. Use the supplied disconnect cables to daisy chain up 80 ballast per channel.
6. Plug all ballast power cords and the controller power supply directly into mains.

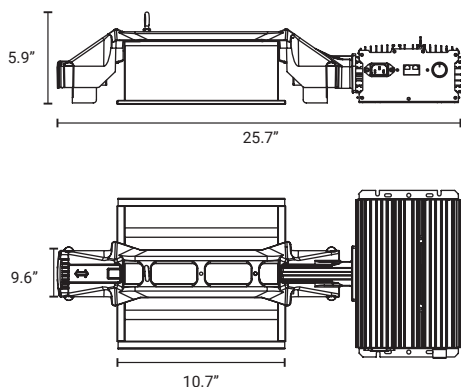


TECHNICAL SPECIFICATIONS

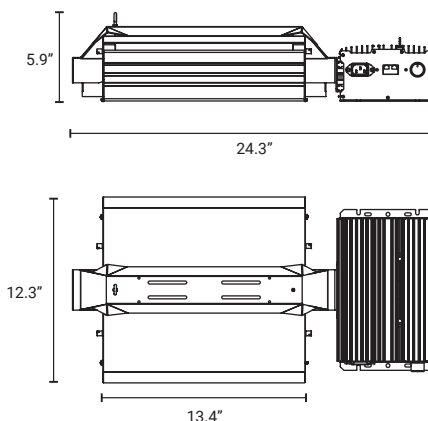
INPUT POWER	1090W / 1060W 1200W / 1200W
EFFICACY	2.44 $\mu\text{mol/J}$
PPF	2000 $\mu\text{mol/s}$
INPUT VOLTAGE	LV 120V / 240V HV 208V-277V
SPECTRUM	Full Spectrum
AC POWER CORD	10ft (3m)
AC PLUG	NEMA 5-15P 6-15P L7-15P L8-15P
MOUNTING	"V" Hanger
AMPS AT 120V	9.1A/10A
AMPS AT 208V	5.1A/5.8A
AMPS AT 240V	4.5A/5A
AMPS AT 277V	3.9A/4.4A
DIMMING	0-10V

DIMENSIONS

100 Degree:



150 Degree:



DISCLAIMER

PPF calculations compiled using integrating sphere measurements and typical spectroradiometric data for each LED to determine typical fixture performance. Actual photometric results may vary within the LED manufacturer's bin tolerance.

Wattage values are typical expected values. IQ Lighting maintains a tolerance of $\pm 5\%$ on flux and power specifications. Target light levels can vary from projected levels depending on ambient temperature, room reflectance values and dirt accumulation.