

# RAYN Quick Setup Guide

## Fotono Luminaire

### Technical Specifications

Input Power	600 W
Input Voltage	100–277 VAC
AC Input Current (max)	8.0 A @ 100 VAC
Weight	13.3 lbs
Dimensions (LxWxH)	19.67 x 10.25 x 5.50"



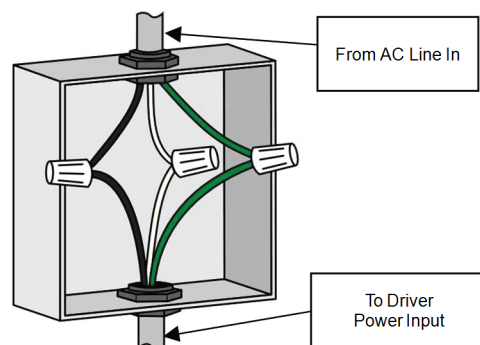
**WARNING: DISCONNECT POWER BEFORE SERVICING. Hazardous voltages may be present when covers are removed. Qualified personnel must use extreme caution when servicing this equipment.**

### Electrical Connection

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.

Wiring must comply with horticultural, local, and national standards/requirements. Before applying power to the light fixture, verify that your product is configured properly for your specific application. The light fixture is shipped with a cord (whip) that is connected internally to the fixture.

This cord is equipped with or without a plug connector depending upon options ordered. For proper connection of a fixture shipped with a plug – ensure that the proper mating receptacle is available. Simply plug fixture into this receptacle. For proper connection of a whip, refer to the depiction on the right.



**CAUTION: When wiring the light fixture, ensure the following:**

- **Power is disabled when connecting cords or plugs.**
- **Power cords are not concealed or extended through bulkheads, flooring, ceiling, or other parts of the building structure, are not permanently attached to the building structure, and are visible over the entire cable length.**
- **Power cords are protected from possible physical damage.**
- **Power cords are not bearing the weight of the fixture or subjected to strain.**

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### Environmental Requirements

#### Clearances

Minimum clearances around the fixture are required for proper operation of the cooling system and to prevent overheating:

#### Temperature and Humidity

- The storage temperature range is  $-40^{\circ}\text{C}$  to  $70^{\circ}\text{C}$ .
- This unit is designed for damp locations.
- The maximum ambient temperature for normal operation is  $0^{\circ}\text{C}$  to  $40^{\circ}\text{C}$ .

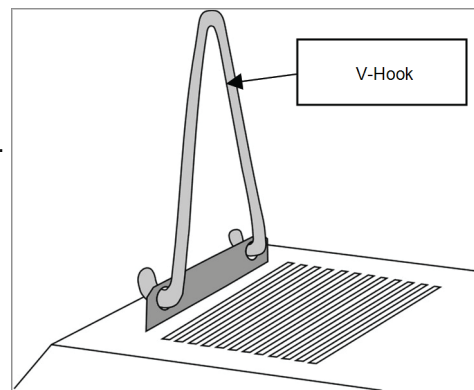
Ensure that the maximum ambient temperature is not exceeded. A mechanical ventilation or cooling system may be required to maintain temperatures within the growing space below  $104^{\circ}\text{F}$  ( $40^{\circ}\text{C}$ ) when the horticultural luminaire is in operation.

#### Mounting

V- Hooks are shipped with the product for mounting purposes. The V-hooks are used to hold the fixture and provide a means to connect to suspension chain or cabling.

#### To Mount the Fixture:

1. Place each V-hook into the light fixture as shown in the figure to the right.
2. Suspend fixture with cable or chain using the V-hooks.



#### CAUTION:

- **Ensure suspension cable or chain can support 13.3 lbs.**
  - **Ensure structure in which the suspension cable/chain is mounted to can support 13.3 lbs.**
  - **Ensure that the proper clearances are obtained (refer to the [Environmental Requirements](#) section above).**
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