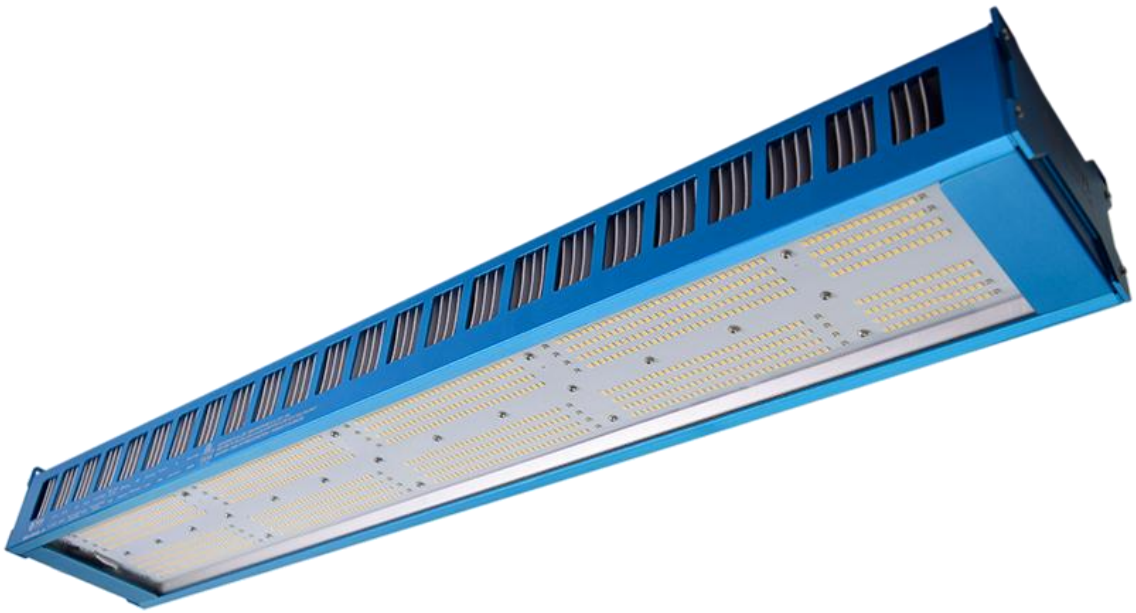
Installation Manual

Pinnacle & Pinnacle LP

LED Lights



Background

This manual provides instructions for the installation of the Pinnacle and Pinnacle LP LED lights. Please contact customer support with any installation questions.

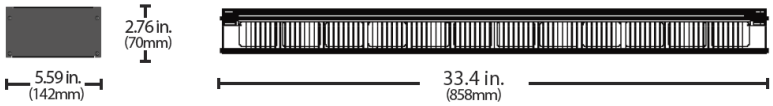
General Guidelines

- Confirm the overall integrity of the light fixture prior to installation.
- Maintain at least 8 inches (0.2 meters) between the light fixture and any combustible materials.
- Keep the light fixture away from sources of heat.
- The LED light is an indoor fixture that should be operated within an ambient temperature range of -20°C to 35°C.
- Ensure power is off before installation. Installation must be carried out by qualified electricians.
- To clean the light fixture, switch power off and use a dry cloth without corrosive cleaning agents.

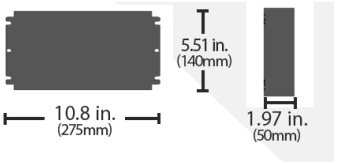
www.thriveagritech.com
info@thriveagritech.com
800-205-7216

Dimensions

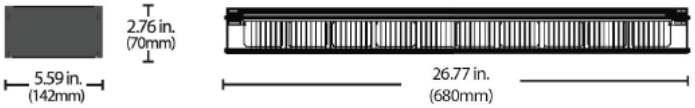
Pinnacle Light



Driver



Pinnacle LP Light



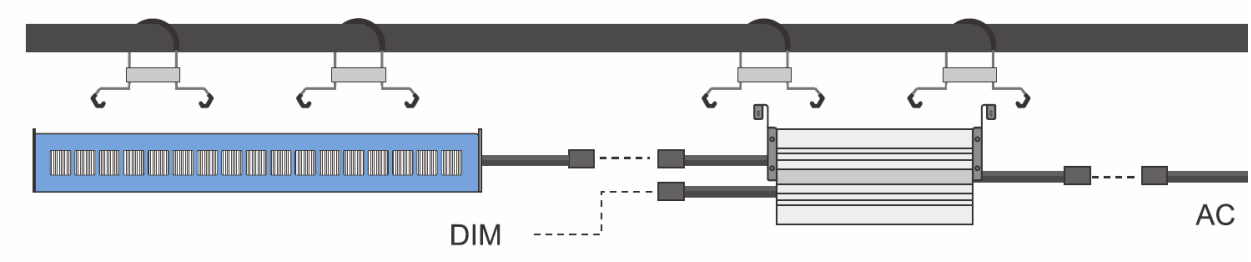
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Mounting Guidelines

The Pinnacle / Pinnacle LP light and associated driver should be mounted to support structures using stainless steel hooks or adjustable steel cables.

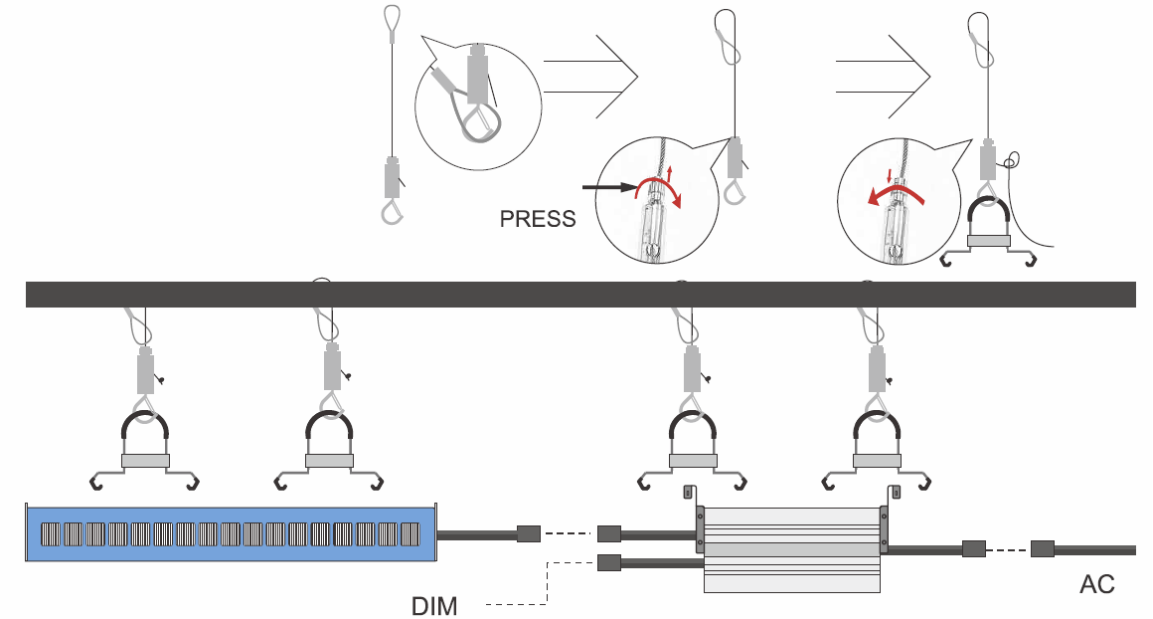
Hook Mounting

As shown in the figure below, stainless steel hooks will capture the light and driver and secure them to a support structure. Hooks are available from Thrive Agritech.



Cable Mounting

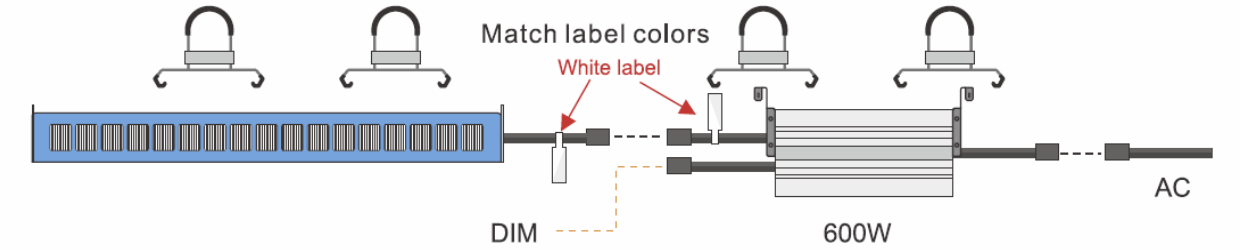
Stainless steel cables can be used to adjust the height of the light and driver as needed.



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Electrical Connections

Pinnacle and Pinnacle LP LED lights can be electrically connected with interconnection cables for both power and dimming.



Daisy-Chaining

The maximum number of lights that can be connected at each voltage is shown in the table below. Also shown is the current to each light fixture at the operating condition of 600 watts/fixture. 16AWG wire is recommended.

Pinnacle	**120 Volts**	**208 Volts**	**240 Volts**	**277 Volts**	**347 Volts**	**480 Volts**
Max # of fixtures connected in a daisy-chain	3 fixtures	5 fixtures	6 fixtures	6 fixtures	8 fixtures	10 fixtures
Current / fixture	5.0 A	2.90 A	2.50 A	2.17 A	1.73 A	1.25 A

Pinnacle LP	**120 Volts**	**208 Volts**	**240 Volts**	**277 Volts**	**347 Volts**	**480 Volts**
Max # of fixtures connected in a daisy-chain	3 fixtures	5 fixtures	6 fixtures	7 fixtures	9 fixtures	12 fixtures
Current / fixture	2.50 A	1.40 A	1.25 A	1.08 A	0.87 A	0.63 A