



## Verjure™ Pro Series™ LED – Basic FAQ's

### What growing applications can the Verjure™ Pro Series™ LED be used in?

The Verjure™ Pro Series features 3 different sizes and outputs to support versatility in growing, including indoor warehouse, greenhouse, and vertical racks. Refer to the product spec sheet for fixture output and wattage for each size. The Verjure Full Range Spectrum™ was developed using academic-based plant research and is designed to support growth across plant types such as Cannabis, Flowers, Fruits and Vegetables, Leafy Greens, etc. in both Veg and Flower stages of growth.

### Why don't you offer a different spectrum for Veg and Flower?

Traditionally, many growers have used a red-heavy DE HPS light for flowering, and a more blue-heavy Metal Halide or Fluorescent light for veg stages of growth. This was primarily driven around the limited artificial lighting options at the time, and growers having to choose which of the very different and limited spectral distributions would be most suitable for the different growth stages. These spectrums were never developed to be the ideal spectrum for these growth stages, but rather were the better choices from what was available, and thus the tradition stuck. However, many growers understand the value of additional blue photon contribution during flowering, and some use a combination of HPS and MH during the flower stage to achieve this. The benefit of LED is we are no longer limited to just two choices. Discrete LED light sources can be combined to create a more balanced and wide-ranging full spectrum solution than was ever possible with traditional lighting technology. We developed the Verjure Full Range Spectrum™ using plant research and believe the Red/Blue/Green spectral balance is well suited for all growth stages. See the research tab for more information and details.

### How can the Verjure™ Pro Series™ LED be mounted?

The fixtures can be easily suspended and adjusted using the included mounting hardware. It can also be mounted using other common suspension systems on the market such as Sungrip. The greenhouse form factor was designed to also be easily mounted to a strut, pipe, or other greenhouse support beam using a versatile cable method. The Verjure™ Pro Series™ can also be mounted in a racking system.

### Can the fixtures be dimmed?

Yes, the Verjure™ Pro Series is 0-10V dimmable. Easily dim and control in 3 different ways:

- The fixture can be ordered with an on-board Field Adjustable Output dimming device for individual fixture adjustment
- The fixture can be ordered with the nLight AIR wireless controls platform. This allows each fixture to wirelessly communicate with a wall control switch. Fixtures can be grouped to respond together, including on/off/dimming/scenes. See spec sheet for details.
- The fixture can also be controlled and dimmed using common horticulture controls systems that utilize 0-10V protocol.



**Is the fixture serviceable?**

Yes, the LED boards and drivers can be serviced. Consult the installation manual or contact Verjure™ tech support for more information.

**Is the fixture IP rated?**

Yes, the Verjure™ Pro series is IP66 rated, even without the protective lens.

**Should I order the protective lens?**

We recommend the protective clear lens to help protect the LEDs, keep the fixture clean, and allow for easy wipe downs. Keeping the LEDs clean will help maximize the light output over time.

**Can I remote-mount the driver?**

Yes, the Verjure™ Pro Series is designed to allow for remote-driver capability, given you more flexibility in how you mount the fixture. There are AC and DC cable extensions available for order on the spec sheet.

**What does rotating the outer light module do?**

The outer light module can be rotated on the Verjure™ Pro Series VPS 6 and VPS 4, which may help with achieving better canopy uniformity depending on your fixture mounting height and fixture spacing. You can use a PAR meter to see how rotating can help you in your space.

*It is the policy of Acuity Brands to comply with all applicable laws affecting our business. Therefore, our horticultural lighting products are intended for use by growers within the cannabis industry only in geographies in which state and local laws permit the production, distribution and sale of the species of plant being grown.*