verjure

Verjure™ Pro Series™ LED

Professional Grade LED Horticulture Solution
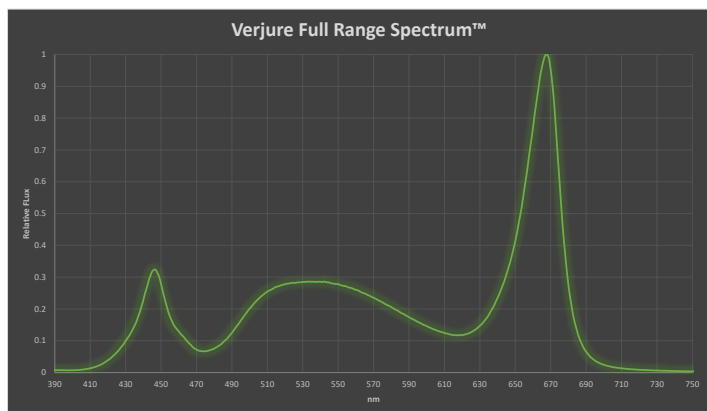

UL LISTED · **66 IP RATED** · **WET LOCATION™** · **5 YEAR LIMITED WARRANTY**

For more information see Verjure Pro Product page

High Output	1880 µmol/s 690W
Med Output	933 µmol/s 344W
Greenhouse/Narrow	933 µmol/s 354W

Verjure Full Range Spectrum™

Research-Based Verjure Full Range Spectrum™ —
The full range of the photosynthesized spectrum, supporting Vegetative and Flower Growth

Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.
Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.

Features

- 3 Size and output options for versatile growing
- Verjure Full Range Spectrum for both Veg and Flower, developed using plant research
- Independent lab verified performance up to 1880 µmol/s, replacement of up to 1000w DE HPS
- Ultra-efficacious up to 2.8 µmol/j
- IP66 listed
- ANSI 6kv surge protection
- Optional clear protective lens for easy cleaning
- Simple app-based wireless controls with nLight AIR®
- Rotatable outer module for canopy uniformity
- Versatile mounting methods
- Easily remote-mount driver
- Easily replaceable modules

PRODUCT SPECIFICATIONS	
Light Source	LED
Equivalent	Up to 1000W DE HPS
Wattage (High Output)	690W
Input Voltage	120 - 480V
Spectrum	Verjure Full Range Spectrum™
Photosynthetic Photon Flux PPF (High Output)	1880 µmol/s
Efficacy	Up to 2.8 µmol/j
Dimming	0-10V
Distribution	120+ deg
Power Factor	>90%
Q90	50,000 Hrs*
Maximum operating Temp	40C
Thermal Mgt	Passive
Listing	IP66/ UL8800/ UL1598
Lens	Clear Lens Optional
Mounting	Surface/Suspended
Limited Warranty	5 Years

*Average rated life based on industry standard measurements

Warranty: 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. The product images shown are for illustration purposes only and may not be an exact representation of the product.

Lead times will vary depending on options selected. Consult with your sales representative.

EXAMPLE: VPS 6 FRSP MVOLT ACL CNPQDW AC120

Series	Model	Spectrum	Input Voltage	Lens
VPS	**6** High output **4** Med Output **3** Narrow/ Greenhouse	**FRSP** Verjure full range spectrum™	**MVOLT** 120-277V **XVOLT** 277-480V **120** 120V **208** 208V **240** 240V **277** 277V ‡ **277X** 277V **347X** 347V **480X** 480V	**L/Lens** Less lens **ACL** Protective clear lens

| Cord sets		Mounting		Options	
Damp location cord sets:		**Mounting:**		**nLight Air Wireless Controls:**	
CNPQD	6' black 3-conductor cord, no plug	**AC120**	10' Aircraft cable with hook, factory installed ‡	**NLTAIR2 rIO**	nLight AIR Rio for wireless control
CNPQD15FT	15' black 3-conductor cord, no plug	**AC120SS**	10' Stainless steel aircraft cable with hook, factory installed ‡	**Other Controls:**	
CPQDSB	6' black 3-conductor cord, straight blade plug ‡	**MH2HK**	Aircraft cable with hook on each end for greenhouse pipe/ strut mounting ‡	**AO**	Onboard dimming module
CPQDSB15FT	15' black 3-conductor cord, straight blade plug ‡				
CPQDTL	6' black 3-conductor cord, twist-lock plug ‡				
CPQDTL15FT	15' black 3-conductor cord, twist-lock plug ‡				

Accessories	
VIBAC120	10' Aircraft cable with hook (pair) ‡
VIBAC120SS	10' Stainless steel aircraft cable with hook (pair) ‡
VMH2HK	Air craft cable with hook on each end (pair) ‡
DCEX	6' DC extension cable for use when remoting driver (Fixture to power supply)
RPODBA DX WH	nLight® AIR battery powered wall switch, single pole, On/off Control, white
RPODBA 4S DX WH	nLight® AIR battery powered wall switch, 4 scene control, On/off + raise/lower control, white

‡ Option Value Ordering Restrictions	
Option value	**Restriction**
277X	Recommended for 277 volt applications to provide over voltage protection.
AC120, AC120SS	VPS 3 ships with one pair, VPS 4 and VPS 6 ship with two pair
CPQDSB, CPQDSB15FT	Not available MVOLT, XVOLT, 277, 277X, 347 or 480V
CPQDTL, CPQDTL15FT	Not available MVOLT, XVOLT, 120, 208, or 240V
MH2HK	VPS3 ships with one pair, for use with VPS 3 green house solution only.
VIBAC120, VIBAC120SS	VPS 3 requires one pair, VPS 4 and VPS 6 require two pair
VMH2HK	For use with VPS 3 greenhouse solution only

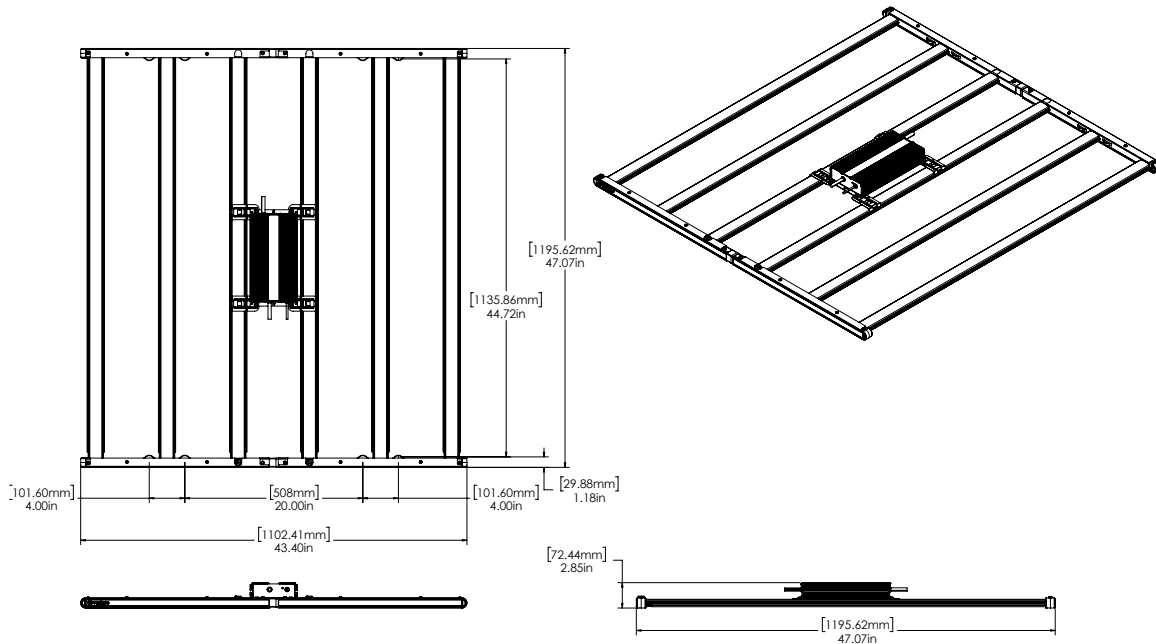| NEMA CONFIGURATION		
Voltage	Straight Blade	Twist Lock
120	5-15P	
208	6-15P	
240	6-15P	
277		L7-15P
347		L24-20P
480		L8-20P

PPFD Plot

**Verjure Pro Series High Output
1' from Canopy
4' X 4' Plot**

655	809		807	648
871	1077		1075	860
		1116		
871	1079		1076	857
660	815		812	652
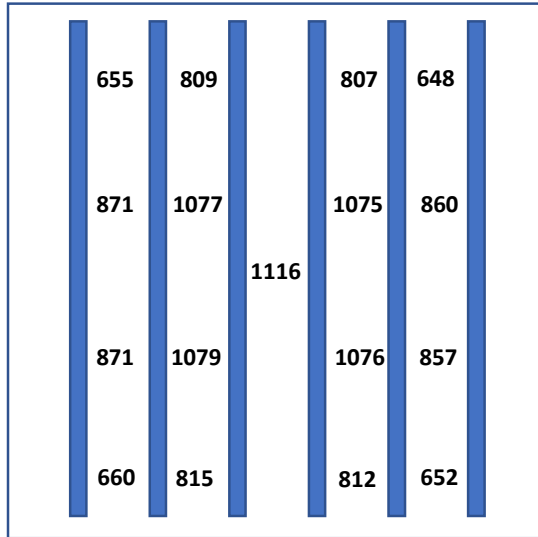
NEMA CONFIGURATION

Number of modules	Number of boards	Number of drivers
3	3	1
4	4	1
6	6	1

Dimensions

[1195.62mm] 47.07in

[1135.86mm] 44.72in

[101.60mm] 4.00in

[508mm] 20.00in

[101.60mm] 4.00in

[29.88mm] 1.18in

[1102.41mm] 43.40in

[72.44mm] 2.85in

[1195.62mm] 47.07in

VPS 6 - 26lbs

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Dimensions
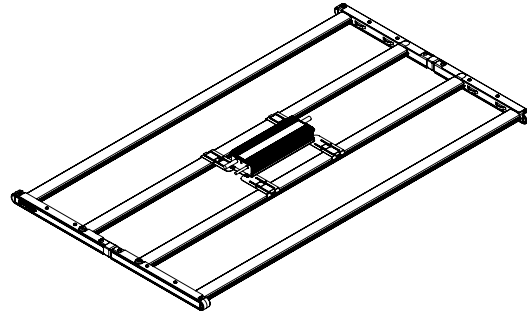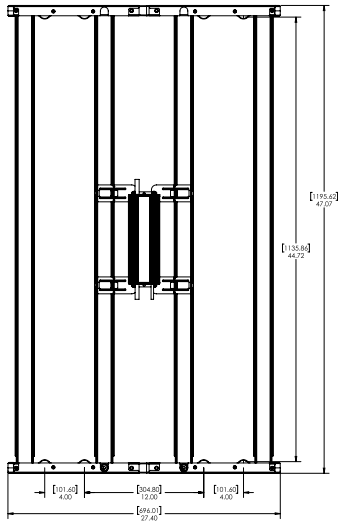
VPS 4 - 21 lbs.

VPS 3 - 17 lbs.

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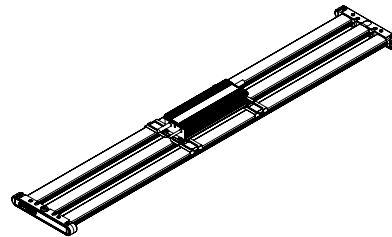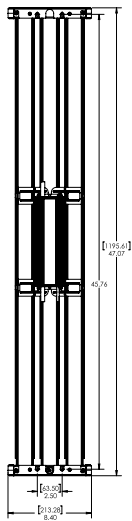
Mounting
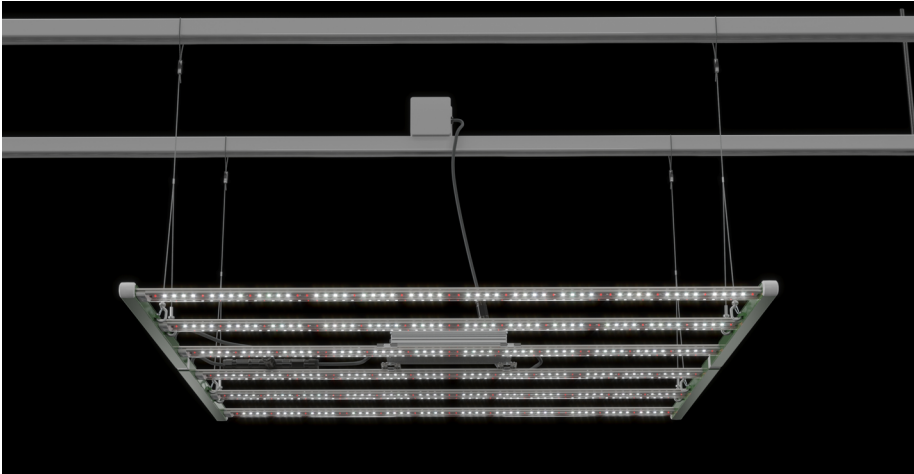
Suspended mounted
Utilizes VIBAC120. VPS3 requires one pair. VPS4 and 6 requires two pair. Ships standard with fixture when AC120 or AC120SS are selected.

Pipe/Strut
Utilizes VMH2HK, VPS 3 requires on pair. Ships standard with fixture when MH2HK is selected.

Rack mounting

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Phone: 1-800-705-SERV (7378) • TechSupport-Horticulture@AcuityBrands.com
Note: Specifications subject to change without notice.

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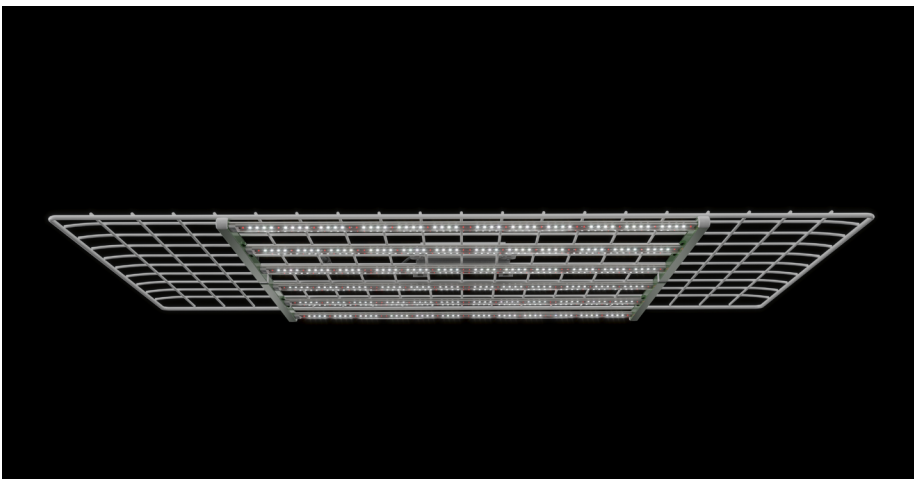
You can easily control the Verjure™ Pro Series with wireless nLight® AIR controls. nLight® is your network lighting controls system. You can easily control Verjure with nLight AIR (wireless) controls. With nLight you can easily turn your fixtures on and off and dimming and adjustment of output levels.
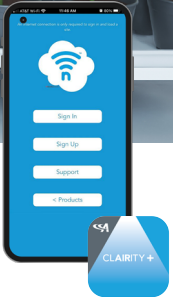
Features:

On/off/dimming of fixtures

- Grouping fixtures to respond in unison
- Breaking fixtures into separate zones of control
- Trimming output levels of fixtures

rPODBA DX
On/off/dim

rPODBA 4S DX
- On/off/dim
- 4 scenes
- Press and Hold Programming

CLAIRITY™+ Mobile App

The CL**AIR**ITY+ mobile app provides easy startup, configuration and modification of nLight® AIR wireless controls. See the **CLAIRITY+ webpage** for more details.

Step 1 – Order each fixture with option "NLTAIR2"

Step 2 – Order one or multiple rPODBA battery-powered wall switches on the Pro Series spec sheet

Step 3 – Download the CL**AIR**ITY™+ mobile app to easily pair fixtures with the switch and modify settings

To learn more, visit
acuitybrands.com/verjure

Expand the Power of nLight AIR Wireless Lighting Controls

With the nLight ECLYPSE™, nLight AIR transforms an nLight standalone solution within a space into a networked solution. The nLight ECLYPSE offers advanced networked capabilities, such as scheduling, site-wide control, and configuration. **Learn more.**

nLight® ECLYPSE™ System Controller

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