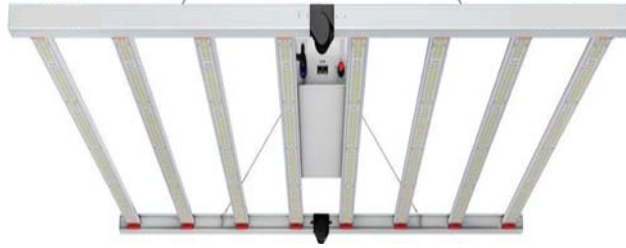


## SPECIFICATION SHEET



## APPLICATIONS

**PROFESSIONAL GROW LIGHT** can be widely used for wholesale, indoor growing and large horticultural projects. This full spectrum solution balances light quality with light quantity sufficient to provide single-source lighting for the entire grow cycle from vegetative through flowering period. The advances in technology and fixture performance, high quality LED horticultural lighting is a viable and significant return on investment to cultivators.

## SPECIFICATION FEATURES

### CONSTRUCTION

The PG03 series is a linear multi-rod fixture that produces an extremely high 1256 PPF  $\mu\text{mol/s}$  and photon fixture efficiency of 2.7  $\mu\text{mol/J}$ .

### ELECTRICAL

Luminaire is built with the highest quality chips.

### OPTICAL SYSTEM

The high efficiency and low power LED configuration with each 100W LED strip reduce the temperature of the LED, thereby increasing output and improving the maintenance of the light.

### CONTROLS AND DIMMING

PG03 LED lamps can be fully controlled by digital panel or a control system using 0-10V output signal. If, your universal controller has an RJ port interface, you can still operate the LED by using a signal converter RJ to 0-10V control adapter. Built-in dimmer switch.

### INSTALLATION

Fixture comes standard hook for suspension mount. Mounting height  $\geq 6"$  above canopy.

### WARRANTY\*

5-year warranty. Exception: Damage by thunder strike over 4KV(L,N against FG) / 2KV (L against N) will not be covered by warranty cased on IEC61000-4-

# IP65

Ordering Example: rHI-GL-600W-27-D-00

Product Series: rHI

FIXTURE	WATTAGE	VOLTAGE	DIMMING	*CONTROL PANEL
GL=Grow Light	<b>600=600 Watts</b> 800=800 Watts	<b>27=120-277V</b> 48=347-480V	<b>D=Built in Dimmer Switch</b>	<b>00=No Control Panel</b> 01=Control Panel

\*Control Panel (see page 3)

## BUILT IN DIMMER SWITCH

Unlike other grow lights that require tools to adjust the brightness, we have removed the hassle by building a dimmer switch into the unit. It could not be an easier to change your light intensity as needed.



## TECHNICAL PARAMETERS

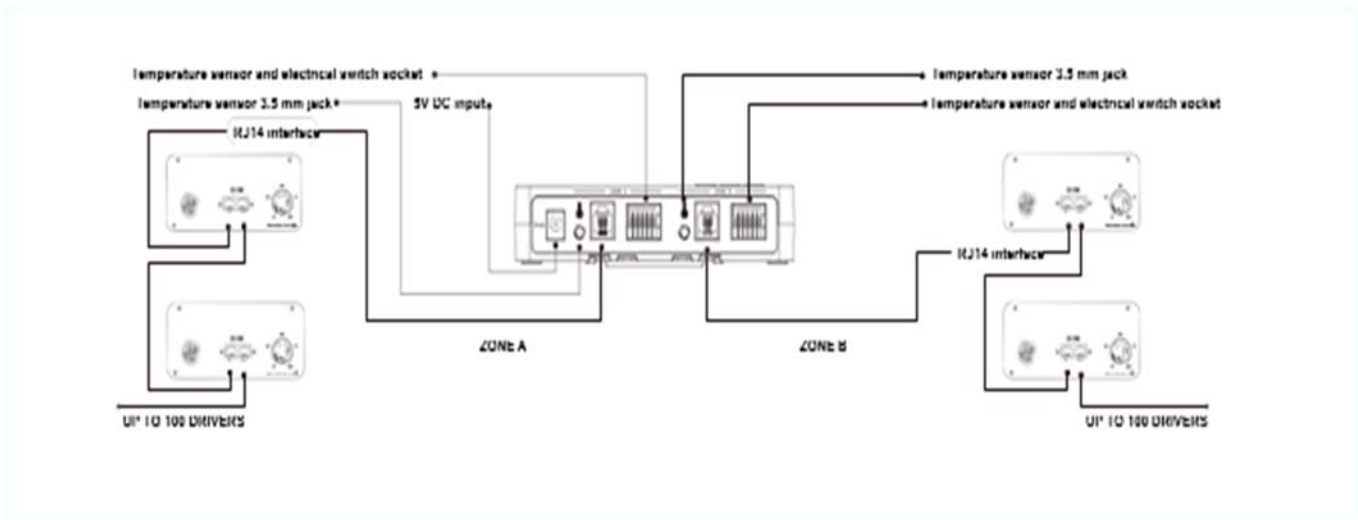
<b>Input Wattage</b>	600W	800W
<b>Input Voltage</b>	120-277V or 347-480V	120-277V or 347-480V
<b>Power Frequency</b>	50/60 Hz	50/60 Hz
<b>PPF</b>	1620 $\mu\text{mols/s}$	2240 $\mu\text{mols/s}$
<b>PPE</b>	2.7 $\mu\text{mols/J}$	2.8 $\mu\text{mols/J}$
<b>Chips</b>	3030/3000K-1680 pieces 3030/5000K- 360 pieces 3030/660nm- 60 pieces	3030/3000K-2240 pieces 3030/5000K- 480 pieces 3030/660nm- 80 pieces
<b>CRI</b>	80ra	80ra
<b>Light Distribution</b>	120°	120°
<b>Ambient Temperature</b>	-20°C to 40°C	-20°C to 40°C
<b>Lifetime</b>	>50,000 hours	>50,000 hours
<b>IP</b>	<b>IP65 Wet Location</b>	<b>IP65 Wet Location</b>
<b>Warranty</b>	5-Years*	5-Years*
<b>Optional Control</b>	Control Panel	Control Panel
<b>Dimmable</b>	0-10V/PWM/Timer Dimming	0-10V/PWM/Timer Dimming
<b>Power Factor</b>	>0.95	>0.95

## CONTROL PANEL INFORMATION (supports a variety of intelligent controls)

The LED lamps can be fully controlled by an optional manufacturer digital panel or any other control system using 0-10V output signal. Even, if your universal controller has an RJ port interface, you can still operate our LED by using a signal converter RJ to 0-10V control adapter.

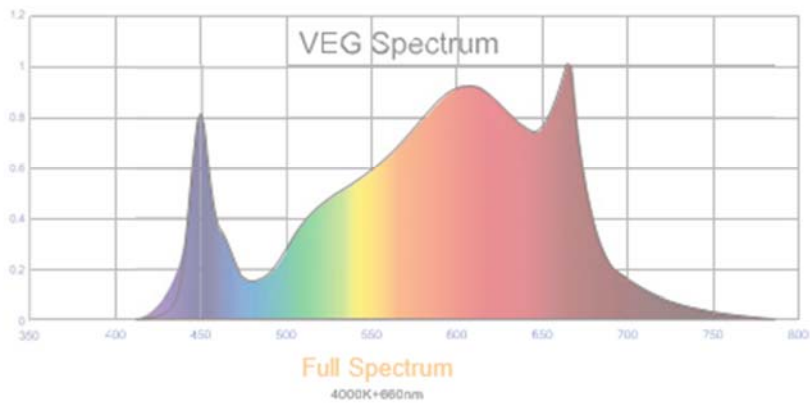
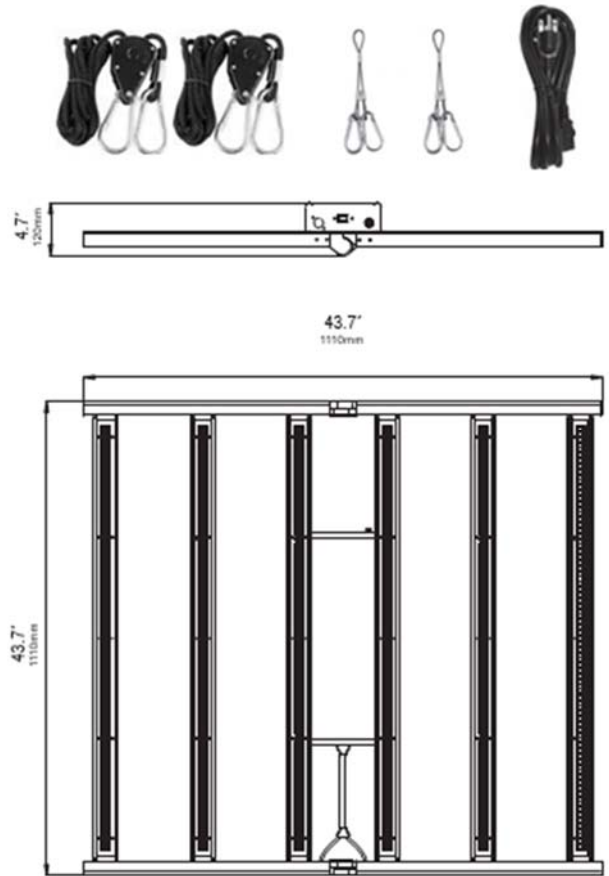
### Compatibility of general control systems

Dual signal digital lighting controller that offers precise external control of your lighting fixtures and drivers



# rHI-600W-27-D-01

Input Power	600W
Input Voltage	90-277VAC/347-480V, 50/60 Hz
PPF	1620(µmol/s)
PPE	3.7(±PRD)
Colour Rendering Index	80ra
Chip	3030/3000K--1680pcs 3030/5000K--360pcs 3030/660nm--60pcs
Mounting Height	□ 6" (15.2FP) SERYYH
40RH Ambient Temperature	-
20°C-40°C Dimming	0-
10V/PWM/Timer Dimming	
Light Distribution	120°
Lifetime	>50,000 hours
Power Factor	>0.95
Warranty	5 Years
IP Rating	IP65
MAX AMPERAGE BY VOLTAGE SERVICE	
VOLTAGE	120V 230V 277V 347V 480V
AMPERAGE	HS-PG02-400W 5.25A 2.7A 2.2A 1.8A 1.3A
Dimensions	43.7" / [ 43.7" : ] 4.7" + <small>1118mm x 1118mm H x 120mm H</small>
N.G(KG)	17kg
G.W (KG)	20kg
Package Size	45.9" / [ 24" : ] 6" + <small>1168mm L x 610mm W x 152mm H</small>
Pos/carto	1pcs



# rHI-800W-27-D-01

Input Power	800W
Input Voltage	90-277VAC/347-480V, 50/60 Hz
PPF	2240(μmol/s)
PFE	2.1(PPF/W)
Colour Rendering Index	80ra
Chip	3030/3000K~2240pcs 3030/5000K~480pcs 3030/660nm~80pcs
Mounting Height	□ 6' (15.2FP) SERYPH
400RS Ambient Temperature	-
20°C~40°C Dimming	0-
10V/PWM/Timer Dimming	
Light Distribution	120°
Lifetime	>50,000 hours
Power Factor	>0.95
Warranty	5 Years
IP Rating	IP65

**MAX AMPERAGE BY VOLTAGE SERVICE**

VOLTAGE	120V	230V	277V	347V	480V
AMPERAGE	6.8A	3.7A	3A	2.4A	1.7A

Dimensions	43.7" / [ 43.7" ± [ 4.7" + 1120mm ± 119mm ± 120mm ±
N.G(KG)	23kg
G.W(KG)	20kg
Package Size	45.9" / [ 24" ± [ 6" + 1165mm ± 610mm ± 150mm ±
Pcs/carton	1pcs

