

Pro line

# Gavita Pro 600 SE US

- ◆ Professional electronic ballast
- ◆ PHILIPS electronics
- ◆ Ultra high frequency
- ◆ For electronic lamps only
- ◆ Full fixture Pro 600 SE
- ◆ Remote ballast Pro 600



## Gavita Pro 600 SE Electronic ballast

The Gavita Pro 600 SE is part of the Gavita Pro-line series, offering you the latest technology in a series of rugged, professional state of the art fixtures, reflectors and electronic ballasts. The Gavita Pro 600 SE electronic ballast works on 240 V, but drives a professional high voltage electronic horticultural lamp.

The Gavita Pro 600 is the first 240 Volt electronic ballast that powers the professional Philips GreenPower 400 V 600 W EL (electronic) lamp. This lamp has the highest PAR light output, improved spectrum and the best light maintenance (>95 % PAR light over one year of use). The lamp and electronics are developed specifically for each other by PHILIPS. This guarantees the highest PAR output as the electronic high frequency ballast is finely tuned to the lamp for optimal output and light maintenance.



PHILIPS GreenPower 600W EL electronic lamp

The Gavita Pro 600 is available as a complete fixture with the highly efficient professional HortiStar HR 96 600 reflector and a 600 W EL lamp or as a remote ballast. Being completely closed and solid state (no fans) with extremely low heat dissipation the remote ballast can be mounted close to your lamps, enabling easy installation.

Having your ballast close to your lamp reduces the amount of EMI (RF interference). Complete fixtures have the advantage of integrated wiring so their EMI is down to the minimum. In large greenhouses there can be as many as 10.000 on one location only.

The Gavita Pro 600 remote ballast US/Canadian version is equipped with an industry standard XR505 connector for plug and play installation with your favorite reflector.



600



**Pro line**

# Gavita Pro 600 SE US specifications

**Features/benefits**

- Only for use with 600 W 400 V EL lamps
  - No acoustic resonance
  - Up to 8 % more grow light than standard GreenPower lamp
  - Light maintenance after 5000 hrs > 95 %
- System design and concept by Gavita
- Electronics by PHILIPS
- Diagnosis LED
- Electrical insulation class 1, FCC class B
- Sealed housing with Gore-Tex ventilation plug
- Microprocessor driven
- Very low heat dissipation and optimal cooling
- Driver efficiency at full power 95-96 %



**Technical specifications Pro 600 SE complete fixture with reflector:**

Dimensions : 22.3" / 567 mm (length) x 9.4" / 240 mm (width) x 7.5" / 191 mm (height)  
 Mains connector : Power cable 16' with 240 V NEMA 6-15 plug  
 Ambient Temp : 32 - 104 °F / 0 - 40 °C  
 Reflector : HortiStar HR 96 1000 DE in bracket (96% efficiency)

**Technical specifications Pro 600 remote ballast:**

Dimensions : 11.1" / 282 mm (length) x 6.2" / 158 mm (width) x 4.4" / 112 mm (height)  
 Mains connector : IEC C14, power cable 16' with 240 V NEMA 6-15 plug  
 Lamp connector : XR505, lamp cord not included  
 Ambient Temp : 32 - 104 °F / 0 - 40 °C

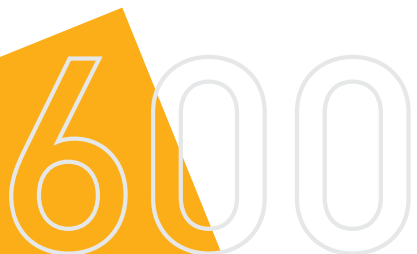
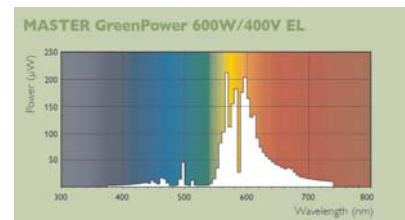


**Electronics specifications**

System output	Mains	System Power	Frequency	Current	Power Factor
600 W	240 V	634 W	50-60 Hz	2.7 A	>0.98

**Lamp specifications**

(included with full fixture) **Photosynthetic Photon Flux**  
 Philips GP T EL 600W 1170 µMol/sec



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