

Gavita Pro 600 SE EU

- ◆ Professional electronic ballast
- ◆ PHILIPS electronics
- ◆ Ultra high frequency
- ◆ For electronic lamps only
- ◆ Full fixture Pro 600
- ◆ 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 230 V, but drives a professional high voltage electronic horticultural lamp.

The Gavita Pro 600 is the first 230 Volt electronic ballast that powers the professional Philips GreenPower 400V 600W 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 EU version includes a rugged 4m lamp cord with a professional Wieland RST connector, both approved for 5 kV ignition voltage.



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Gavita Pro 600 SE EU 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
- Sealed housing (Class I) with Gore-Tex ventilation plug
- Microprocessor driven
- Very low heat dissipation and optimal cooling
- Driver efficiency at full power 95-96 %
- Professional neoprene lamp cord with Wieland connector (remote model), 5 kV approved
- CE approved



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 : IEC C14, power cable 3 m with Schuko 230 V plug (different EU versions available)
 Ambient Temp : 0 - 40 °C (case temperature)
 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 3 m with 230 V Schuko plug
 Lamp connector : Wieland RST, 4 meter neoprene 5 kV approved lamp cord included
 Ambient Temp. : 0 - 40 °C



Electronics specifications

System output	Mains	System Power	Frequency	Current	Power Factor
600 W	230 V	645 W	50-60 Hz	2,8 A	>0,98

Lamp specifications

(included with full fixture) **Grow light PPF**
 Philips GP T EL 600W 1170 µMol/sec

