

Gavita Pro 1000 DE EU

- ◆ Professional electronic ballast
- ◆ Adjustable 600-1150 W
- ◆ Ultra high frequency
- ◆ For electronic lamps only
- ◆ Full fixture Pro 1000 DE
- ◆ Remote ballast Pro 1000



Gavita Pro 1000 DE Electronic ballast

The Gavita Pro 1000 DE 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 1000 DE electronic ballast works on 230 V, but drives a professional high voltage electronic horticultural lamp.

The Gavita Pro 1000 is the first 230 Volt electronic ballast that powers the professional Philips GreenPower Plus 400V 1000W EL (electronic) Double Ended lamp. This lamp has the highest PAR light output, improved spectrum and the best light maintenance (>95 % PAR light over one year of use). Being the most efficient 1000 W horticultural lamp available and the only lamp specifically developed for ultra high frequency electronic ballasts this is the 1000 W lamp of choice for Dutch professional greenhouse growers.



PHILIPS GreenPower Plus 1000W EL Double Ended lamp

The Gavita Pro 1000 is available as a complete fixture with the highly efficient professional HortiStar HR 96 1000 DE reflector and a 1000 W double ended 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). Both ballasts are adjustable to 600/660/750/825/1000/1150 Watt. This enables the remote ballast to drive a wide range of EL lamps and boost them 10 or 15 %, generating the highest output in the market.

The Gavita Pro 1000 remote ballast EU version includes a rugged 4m lamp cord with a professional Wieland RST connector, both approved for 5 kV ignition voltage.



1000 DE



Gavita Pro 1000 DE EU specifications

Features/benefits

- Only for use with 1000 W 400 V Double Ended EL lamps
 - No acoustic resonance
 - Highest micromole output 1000 W lamp in the market
 - Light maintenance after 5000 hrs > 95 %
- System design and concept by Gavita
- Adjustable to 600/660/750/825/1000/1150 W output
- Soft dim (60 seconds gradual adjustment per step)
- 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 complete fixture with reflector:

Dimensions : 22.3" / 567 mm (length) x 9.4" / 240 mm (width) x 13.4" / 341 mm (height)
 Mains connector : IEC C14, power cable 3 m with Schuko 230 V plug (different EU versions available)
 Ambient Temp : 32 - 104 °F / 0 - 40 °C
 Reflector : HortiStar HR 96 1000 DE in bracket (96 % efficiency)

Technical specifications remote ballast:

Dimensions : 13.4" / 341 mm (length) x 6.2" / 158 mm (width) x 4.4" / 112 mm (height)
 Mains connector : IEC C14, power cable 3 m with Schuko 230 V plug (different EU versions available)
 Lamp connector : Wieland RST, 4 meter neoprene 5 kV approved lamp cord included
 Ambient Temp. : 32 - 104 °F / 0 - 40 °C

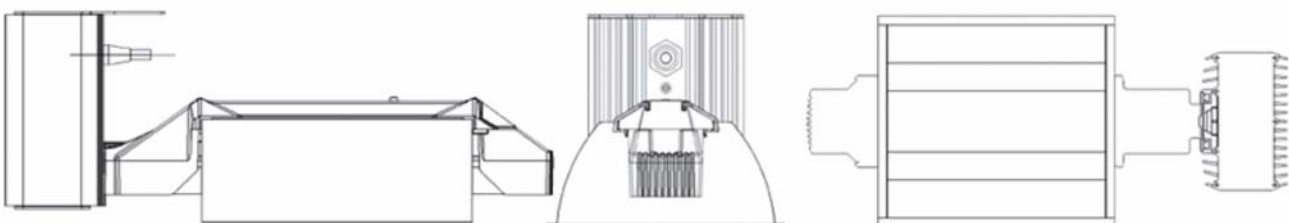
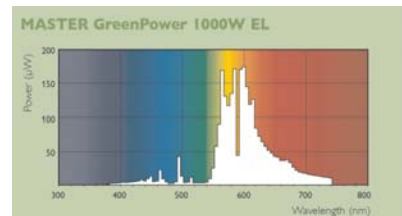


Electronics specifications

System output	Mains	SystemPower	Frequency	Current	Power factor
1000 W	230 V ± 10 %	1060 W	50-60 Hz	4.4 A	>0.98
1150 W boost	230 V ± 10 %	1220 W	50-60 Hz	5.3 A	>0.98

Lamp specifications

(included with full fixture) **Grow light PPF**
 PHILIPS Master GP Plus 1000W EL >2000 µMol/sec



1000 DE