GAVITA PROFESSIONAL LIGHTING HOLLAND

Pro line

Gavita **Pro** 1000 DE US

- 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 240 V, but drives a professional high voltage electronic horticultural lamp.

The Gavita Pro 1000 is the first 240 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 Watt 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 Watt 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 US/Canadian version is equiped with an industry standard XR505 connector for plug and play installation with your favorite reflector.

1000 DE

Soft Secrets European product Awards • 2010 • OFFICIAL WINNER

Pro line

Gavita **Pro** 1000 DE US 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)
- 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 1000 DE complete fixture with reflector:

Dimensions	: 22.3" / 567 mm (length) x 9.4" / 240 mm (width) x 13.4" / 341 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 1000 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 16' with 240 V NEMA 6-15 plug
Lamp connector	: XR505, lamp cord not included
Ambient Temp.	: 32 - 104 °F / 0 - 40 °C

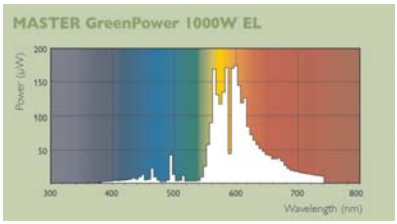
Electronics specifications

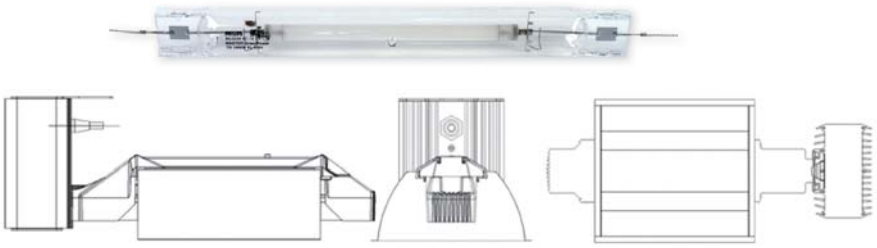
System output	Mains	SystemPower	Frequency	Current	Power factor
1000 W	240 V ± 10 %	1060 W	50-60 Hz	4.4 A	>0.98
1150 W boost	240 V ± 10 %	1220 W	50-60 Hz	5.3 A	>0.98

Lamp specifications

(included with full fixture)
PHILIPS Master GP Plus 1000W EL

Photosynthetic Photon Flux
>2000 µMol/sec





Changes reserved - Version 1126US

1000 DE

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