GAN Electronic 1000W

Ensures an optimal growth for the plant in the greenhouse.

CannaTechnics can supply you the GAN Electronic 1000W. Growlighting with high intensity helps to achieve faster growth. This fixture is commonly used for legal cultivation.



- Available with HR96 reflector
- Available with W150DE reflector

- Highest efficiency in the market
- Long operating life
- Very effective light distribution

Features & Benefits

Coolest housing
The compact GAN aluminum housing keeps the electronics extremely cool, which is a major benefit, because the reliability and operating life of electronics depend on the temperature. The reliability and operating life double when the electronics are 10 degrees cooler. (Source: Philips OEM guide). Gavita has demonstrated the coolest housing and the highest level of reliability, resulting in the lowest cost of ownership.

Optimal light distribution
In addition to the industry-standard HR96 reflector, we offer the choice of a medium deep reflector for high crops and a wide reflector for optimal light distribution, thereby optimizing light levels, light distribution and uniformity in the most diverse range of situations. We possess our own light laboratory with a calibrated photogoniometer, which enables our R&D team to develop the best reflectors in-house.

Industry standard
Our innovations ensure that you obtain the highest return on investment. Our R&D team is constantly working to optimize and improve existing designs. Many of Gavita's innovations have become the industry standard, such as its aluminum housing, Wieland connectors and Miro aluminum reflectors. Gavita is also a pioneer in the use of direct current in the horticultural industry.

Customized suspension brackets
The customized suspension brackets provide solutions for the widest range of installations. They simplify installation and, if required, the removal and storage of the fixtures in the summer. For summer storage, we offer an efficient and compact storage system.

CannaTechnics
Kijckerweg 95, 2678 AC De Lier, Postbus 6, 2678 ZG De Lier
+31 (0)174 794 010, info@cannatechnics.com
www.cannatechnics.com

Specifications

	277 V (+/-10%)	347 V (+ 5% /-10%)	400 V (+6% / -8%)
Input current	3,85 A	3,0 A	2,6 A
Real power	1045 W (±3%)	1040 W (±3%)	1031 W (±3%)
Power factor	> 0,98		
Light source	Double ended electronic high pressure sodium lamp 1000 Watt 400 Volt		
Lamp base	K12 x 30s		
Reflector	Ecomax HR96 Reflector		

CannaTechnics
Kijckerweg 95, 2678 AC De Lier, Postbus 6, 2678 ZG De Lier
+31 (0)174 794 010, info@cannatechnics.com
www.cannatechnics.com

GAN Electronic 750 W

CannaTechnics is supplier of the GAN Electronic 750 W. Gavita innovated the 750W fixture by introducing a double ended version with a significantly higher efficiency than the traditional single ended fixtures. The aluminum housing offers the best cooling in the market, which guarantees the highest level of reliability and operating life for the electronics.



When a 600W electromagnetic installation is replaced by GAN Electronic 750W, the existing wiring can usually be retained.

- Available with HR96 reflector
- Available with W150DE reflector

- Highest reliability, longest operating life
- More light due to double ended design
- Very effective light distribution

Features & Benefits

Retains light more effectively
The double ended lamp provides 10-15% more light than a single ended lamp and retains light more effectively. Due to the precise position in the reflector, the smaller arc tube and smaller diameter of the lamp, less light is lost in the reflector. What's more, the light distribution is more uniform and the density of the light (light intensity) higher.

Optimal light levels
In addition to the industry-standard HR96 reflector, we offer the choice of a medium deep reflector for high crops and a wide reflector for optimal light distribution, thereby optimizing light levels, light distribution and uniformity in the most diverse range of situations. We possess our own light laboratory with a calibrated photogoniometer, which enables our R&D team to develop the best reflectors in-house.

Upgrade without adjusting the existing wiring
In nurseries where 600W electromagnetic fixtures need to be replaced to achieve a higher light level, opting for the GAN Electronic 750W offers another added benefit: In many cases, it is possible to

upgrade the installation to 750W electronically without adjusting the existing wiring. This reduces the costs of switching to a higher power and improves light output considerably.

Guarantee sufficient uniformity
If the light intensity is lower, in many cases 1000W fixtures are no longer able to guarantee sufficient uniformity, not even with a wide reflector. In such cases, the double ended GAN Electronic 750W is an excellent solution.

Specifications

	400 V (+/-10%)
Input current	2,1 A
Real power	780 W (±3%)
Power factor	> 0,98
Light source	Double ended electronic high pressure sodium lamp 750 Watt 400 Volt
Lamp base	K12 x 30s
Reflector	Ecomax HR96 Reflector

GAN Electronic 600 W



With an efficiency of almost 2 micromoles per Watt, the Philips GreenPower Plus 600W 400V electronic lamp is the most efficient 600W lamp on the market. Together with the Philips electronics in their cool GAN housing, this workhorse is suitable for the most diverse range of installations in greenhouses and climate rooms. If in close proximity to the crop or if the light intensity is low, this is the best and most reliable option.

- Available with HR96 reflector

- Highest level of reliability
- Longest operating life
- Suitable for greenhouses and climate rooms

Highest light output

The reliable Philips electronics and lamp guarantee the highest light output. The Philips GreenPower Plus 600W 400V electronic lamp is also excellent at retaining light, guaranteeing long and care-free use. The HR96 reflector on this fixture has been highly commended for its uniformity and efficiency for many years now.

Coolest housing

The compact GAN aluminum housing keeps the electronics extremely cool, which is a major benefit, because the reliability and operating life of electronics depend on the temperature. The reliability and operating life double when the electronics are 10 degrees cooler. (Source: Philips OEM guide). Gavita has demonstrated the coolest housing and the highest level of reliability, resulting in the lowest cost of ownership.

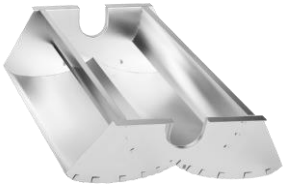
Easy to install

The customized suspension brackets provide solutions for the widest range of installations. They simplify installation and, if required, the removal and storage of the fixtures in the summer. For summer storage, we offer an efficient and compact storage system.

	230 - 240 V (+/-10%)	277 V (+/-10%)	400 V (+/-10%)
Input current	2,82 A	2,6 A	1,6 A
Real power	634 W (±3%)	635 W (±3%)	635 W (±3%)
Power factor	> 0,98		
Light source	Electronic high pressure sodium lamp 600 Watt 400 Volt		
Lamp base	E40		
Reflector	Ecomax HR96 Reflector		

CannaTechnics
Kijckerweg 95, 2678 AC De Lier, Postbus 6, 2678 ZG De Lier
+31 (0)174 794 010, info@cannatechnics.com
www.cannatechnics.com

CannaTechnics can supply all the reflector caps and lamps for the legal market.

GAN Ecomax HR96 DE 	Gavita W 150 DE 
GAN Ecomax HR96 SE 	Philips GreenPower 600 W 
Gavita Pro 750 EL DE HPS K12x30s 	Lamps: Philips 1000W DE lamp Philips 750W DE lamp Philips 600W SE lamp

CannaTechnics
Kijckerweg 95, 2678 AC De Lier, Postbus 6, 2678 ZG De Lier
+31 (0)174 794 010, info@cannatechnics.com
www.cannatechnics.com