Gavita DigiStar 400/600/1000 EU

- Professional electronic ballast
- High frequency
- Adjustable, soft dim (60 s)
- 5 kV rated connectors
- Very low heat dissipation
- Sealed housing

Gavita DigiStar Electronic ballasts

The Gavita DigiStar ballasts have been developed to drive a wide range of HPS / MH lamps. They are manufactured using the highest quality components needed for the high output frequency. The result is a very cool digital ballast with optimal output specifications, absence of acoustic resonance and a very long life. Output can be boosted up +15 % (1000 W model).

Digital ballasts have a lot of advantages over traditional magnetic ballasts: They are more efficient, adjustable, generate much less heat and provide a stable output regardless of the input voltage. Using a magnetic ballast you will lose light when your mains voltage is less than optimal.

To build a stable digital ballast you need high quality components. This is especially the case if you want to reach the high frequencies required to prevent acoustic resonance in your arc tube, which can lead to premature lamp failure.

DigiStar ballasts are built using the highest quality components. This results in a ballast that outputs a very high frequency (preventing acoustic resonance) but also a very cool ballast. The DigiStar is cooler and performs at a much higher frequency than comparable A-brand ballasts.

The DigiStars are adjustable over a wide output range, enabling you to dim or boost your lamp. With 10 % boost on the 400 and 600 W models, and 15 % on the 1000 W models you are guaranteed to generate the highest output available.

To ensure a long lamp life we have built in soft-dim. When you adjust your output it takes 60 seconds to gradually dim or boost per step. This process is so gradual that your eyes won't even see the difference.

Multiple output power enables you to use different lamps with a single ballast: The 400 W model can be used for 250 W and 400 W lamps, the 600 W model for 400 and 600 W lamps and the 1000 W model for 600 W and 1000 W lamps.

The internal microprocessor ensures the highest possible output in any circumstance.

400-1000

Gavita Digi**Star** 400/600/1000 EU specifications

Features/benefits

- Available in 400, 600 and 1000 W
- Adjustable:
  - 400W model: 250/275/400/440 W
  - 600W model: 300/400/600/660 W
  - 1000W model: 600/750/1000/1150 W
- High frequency electronics
- Microprocessor controlled
- Soft dim (60 seconds per step)
- Sealed housing
- Driver efficiency at full power 95-96 %
- 4 meter lamp cord and connector 5 kV approved, also available without lamp cord
- CE approved

Technical specifications DigiStar 400

Input voltage	: 230 V	THD	: <10 %
Input power - 400 W	: 430 W	Input frequency	: 50/60 Hz
Input current - 400 W	: 1,87 A	Tc (case)	: 75 °C
Input power - 440 W	: 468 W	TA (ambient)	: 0 - 40 °C
Input current - 440 W	: 2,04 A	Article number	: 19.40.41.23.10
Power factor	: >0,99	Adjustable	: 250/275/400/440 W

Technical specifications DigiStar 600

Input voltage	: 230 V	THD	: <10 %
Input power - 600 W	: 645 W	Input frequency	: 50/60 Hz
Input current - 600 W	: 2,81 A	Tc (case)	: 75 °C
Input power - 660 W	: 705 W	TA (ambient)	: 0 - 40 °C
Input current - 660 W	: 3,07 A	Article number	: 19.40.61.23.10
Power factor	: >0,99	Adjustable	: 300/400/600/660 W

Technical specifications DigiStar 1000

Input voltage	: 230 V	THD	: <10 %
Input power - 1000 W	: 1060 W	Input frequency	: 50/60 Hz
Input current - 1000 W	: 4,61 A	Tc (case)	: 75 °C
Input power - 1150 W	: 1220 W	TA (ambient)	: 0 - 40 °C
Input current - 1150 W	: 5,31 A	Article number	: 19.40.11.23.10
Power factor	: >0,99	Adjustable	: 600/750/1000/1150 W

400-1000

Gavita Holland bv Oosteinderweg 127
1432 AH Aalsmeer The Netherlands
T +31(0)297-380 450 F +31(0)297-380 451

www.gavita-holland.com