

# Commercial fixture. Full control.

Pro line e-series

Gavita **Pro** 1000<sup>e</sup> DE 277-347

New!



◆ Suitable for Gavita **Master** Controller

Gavita's roots are in horticultural projects, lighting climate rooms and greenhouses with tens of thousands of fixtures. For commercial growers we combined the efficiency of 3 phase systems with the ease of control of the Gavita **Master** Controllers: Introducing the 277 / 347 V e-series fixtures.

## Main features:

- ◆ 277 / 347 Volt for 3 phase systems in USA and Canada
- ◆ Central control through Gavita Master Controller (50-115% output)
- ◆ Repeater Bus system allows control of hundreds of fixtures in daisy chains
- ◆ Horticultural quality fixture for long life and reliability
- ◆ Choice of reflectors

**GAVITA**  
HORTICULTURAL LIGHTING

[www.gavita.com](http://www.gavita.com)



### Suitable for Gavita Master Controller

We took our commercial 1000W DE fixture and added the flexibility of being able to control your light with the ease of the Gavita Master Controllers, providing a plug and play control solution. To make installation in large projects much easier, we introduce the Repeater Bus solution, enabling you to daisy chain your control cables to hundred fixtures per chain, up to ten chains per controller port. Our intelligent bus solution assures reliable control, even if a fixture in the chain should fail. This solution is backward compatible with the standard e-series products, so you can integrate for example 277 V plasma fixtures in your control grid.

### For industrial use

The Pro 1000<sup>e</sup> DE 277-347 is a professional fixture, which requires installation by a certified electrician in an industrial environment. It is not suitable for residential use. The set is provided with a short open end cable with a Wieland RST plug to disconnect your fixture. The open end needs to be hard wired to the three phase cabling in the room. Fixed cabling is a safer, cleaner and a much more cost effective way of connecting your fixtures than using outlets.

In professional installations fixtures are mounted on C-profiles, hanging on mounting brackets (which are available for this system). The difference in light levels between a low young crop, just introduced to the room, and high mature crop is less than 8% in a large cultivation facility, enabling fixed height mounting of the fixtures.

### Features and benefits

- ◆ 277-347 V solution for industrial 3 phase systems
- ◆ Short ballast housing with the best thermal properties in the market assures long lifetime and very high reliability.
- ◆ Repeater Bus control solution for fast, easy, clean and reliable installation of hundreds of fixtures
- ◆ Fixed solution for large, three phase powered installations, mounting brackets for C-profiles are available
- ◆ Control range through Master Controller of 500-1150W lamp output enables flexibility in combining vegetative and flowering rooms.
- ◆ It enables advanced safety features such as dimming on high temperature and automatic shutdown at climate control failures, safeguarding your crop.
- ◆ The sunset feature of the Master Controller eases down the heat load of your lights at the end of the cycle, preventing sudden rises in relative humidity when the lights shut down.

### Specifications

	277 Volt	347 Volt
Input voltage	277 V (+/- 10%)	347 V (+/- 10%)
Input current at 100% / 115% (typical)	3.8 A / 4.4 A	3.1 A / 3.6 A
Input power at 100% / 115%	1050 W / 1200 W	1050 W / 1200 W
Light source	Gavita Pro Plus 1000W DE EL	
Input connection	Wieland RST IP 65	
Power factor	> 0,98	
Product weight:	9 lbs (4.1 kg)	
Dimensions (LxWxH):	22.2" x 9.7" x 7.8" (56,5x24.5x19.5cm)	
Certification	FCC class A / CSA 252952 - Not for residential use	
External control	Gavita Master Controller	
Control connectors	RJ 25 (6P6C) in and out Repeater Bus	
Reflector	HR96 or W 150 DE	
Accessories	1 Repeater Bus interconnect cable Optional: - Cabling kit for custom control cables (82 feet / 25M) - C-profile mounting hooks	