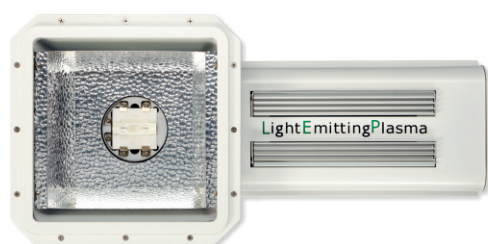
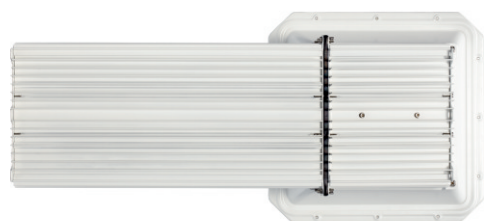


Gavita Pro 270^e LEP



Featuring LUXIM Light Emitting Plasma



Who needs the sun?

Everyone does! Unfortunately for plants that grow in a climate room under HPS light, the quality of the light leaves much to be desired. Plants have evolved under sunlight for millions of years and a balanced full spectrum light, including UVA and UVB, is the best they can get. Enter plasma technology.

Our Light Emitting Plasma (LEP) fixture is available as a full spectrum source, almost exactly like the sun, or as a supplemental spectrum to fill in the spectrum that HPS lacks. Both include UVA and UVB by using a UV transmitting glass filter. With a lifetime of 30,000 (full spectrum) to 50,000 hours (supplemental spectrum) the Gavita Pro 270^e LEP ensures great return of investment. In fact on high value crops you earn it back within two crop cycles. HPS is still a great light source as it is very efficient, but you need quantity and quality. HPS is for quantity, plasma is for quality.

Quality and durability

The Gavita Pro 270^e LEP luminaire delivers the same performance as the previous models, but at a more affordable price. The Pro 270^e LEP uses a new emitter shape and an extruded housing to provide excellent cooling and a high quality appearance at a lower delivered cost. The second generation electronics use 10% less energy for the same light output, which is reflected in the model number (270^e instead of 300). The housing and reflector design with the fine wire mesh filter prevent EMI so it fully complies with FCC, UL and CE standards.

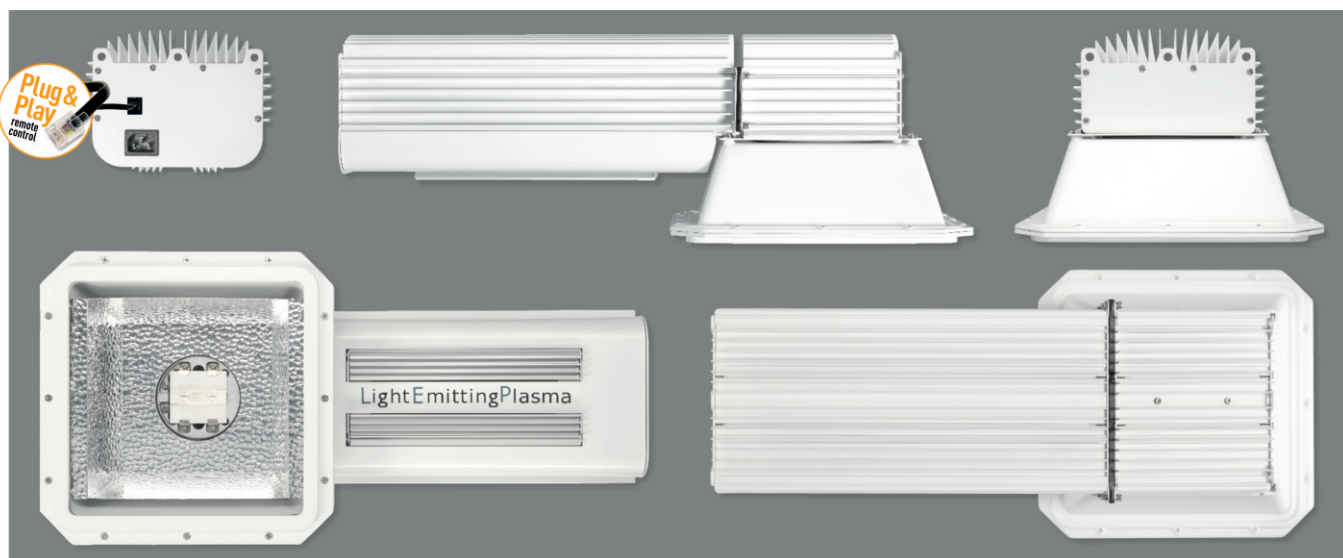
Suitable for Gavita Master Controller

All our Pro line e-series fixtures are suitable for the Gavita Master Controller. Now you can centrally switch, dim, boost and auto-dim your HPS and plasma fixtures with one simple push of a button. You can control up to 80 fixtures with one controller.

Visit our website for more information and download the whitepaper about using plasma as supplemental lighting for HPS. Learn how you can increase the yield and quality of your crop with Plasma lighting.



Gavita Pro 270^e LEP specifications



Housing	Solid extruded aluminum, light weight, excellent thermal management. Finish is marine grade, polyester powder coat with UV inhibitors. Stainless steel fasteners. Six mounting points for hanging cable or hooks
Reflector	Die-cast aluminum housing, high grade aluminum reflector. High transmission ultra broadband tempered cover glas. Sealed housing suitable for damp environment. Wire mesh EMI shielded.
Dimensions	580 mm (length) x 268 mm (width) x 190 mm (height)
Weight	10.5 kg, 23 lbs
Light source	LUXIM SUP 41.01 or GROW 41.02 emitter. - 41.01 Supplemental spectrum for HPS - 41.02 High CRI sunlight simulation, stand alone
PPF	- 41.01 310 $\mu\text{Mol}/\text{sec}$ - 41.02 300 $\mu\text{Mol}/\text{sec}$
Lifetime	- 41.01 50,000 hours - 41.02 30,000 hours
Electrical specs	100 - 240 V AC 50-60 Hz, 270 W, high power factor (277V model available upon request) Rj14 input for Gavita Master Controller (to switch only)
Spectrum	