

Michigan Indoor Gardening Expo  
Booth 806-808



▣ Gavita Enhanced HPS 600W - 1100  $\mu\text{mol s}^{-1}$

# High frequency without problems

## The problem

Almost every HPS lamp is designed and built for a low frequency magnetic ballast. The low frequency doesn't put a lot of strain on the arc tube and the wire frame so construction can be kept relatively simple.

Electronic ballasts however work on a very high frequency. This can cause acoustic resonance in the arc tube and bending of the wire frame. It can lead to unsafe situations when the hot wire frame touches the outer balloon. The acoustic resonance will influence the output and wear of the arc tube.



## The solution

Gavita introduces a horticultural HPS lamp which is specifically equipped for use with high frequency ballasts: the Gavita Enhanced HPS.

Our wire frame is designed and reinforced to prevent bending. The arc tube is selected for optimal output and stability at high frequency to prevent acoustic resonance. Though designed for our own DigiStar high frequency electronic ballasts it is also suitable for many other brands and of course magnetic ballasts. We guarantee the lamp for a year with 95% light maintenance on certified ballasts. Visit our website for more information and have a preview of our new upcoming 1000W lamps.

For our Pro-line we proudly introduce our own 400W 600W electronic lamp: the Gavita Pro EL.

Choose real horticultural quality, safety, excellent service and optimal efficiency. Choose Gavita.



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