

A Revolutionary LED Grow Light Technology

HY-TEK Bio algae flourishes because of the optimal conditions we provide, and light is a vital part of the process.

- We ensure that wavelength matches the absorption curve of the algae for maximum light energy transfer for photosynthesis.
- We monitor optimum intensity and ratio of different wavelengths for maximum growth performance.
- Our modulated light technology takes advantage of the response time of photoreceptors to produce 600 watts of effective Photosynthetic Active Radiation (PAR) light using only 60 watts of power, generating 90% less heat.

HY-TEK Bio has applied its grow light technology to create a commercial model that dramatically improves the life and performance of traditional LED grow lights and old-style high pressure sodium grow lights.

HY-TEK Bio LED Grow Light efficiency and low power requirements make for significantly lower energy costs to operate and less heat for your growing environments, while extending the life of the light at least twice as long as those currently on the market.

The result is a grow light that differentiates itself in almost every way.

