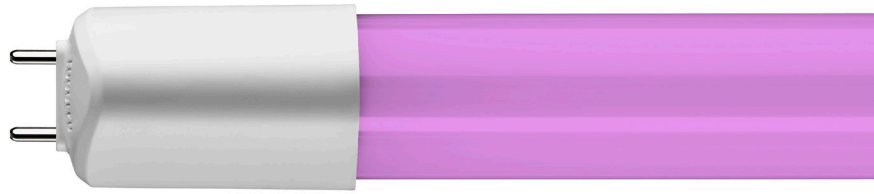


## E416 Grow Series

LED Tubes for Horticulture  
T8/T12 Replacement for 120-277 VAC



**toggled Horticulture Lamps** are engineered to provide improved growing performance for green leafy plants using selected LED output wavelengths. As with all toggled LED tubes, the horticulture lamps are mercury-free and energy efficient, and designed to work in standard T8 and T12 fluorescent tube fixtures. They run directly off of building line power and eliminate fluorescent ballast systems to deliver high quality lighting.

### Save Energy, Save Money, Grow More

- 40-70% energy savings
- Decreased heat drastically reduces water evaporation and consumption
- Eliminates ballasts and maintenance
- Designed for direct connection to building AC power, voltage 120-277 VAC 50-60Hz
- Rapid payback for high-demand applications
- Eligible for available state and energy credit programs and utility incentives

### Better Quality of Light

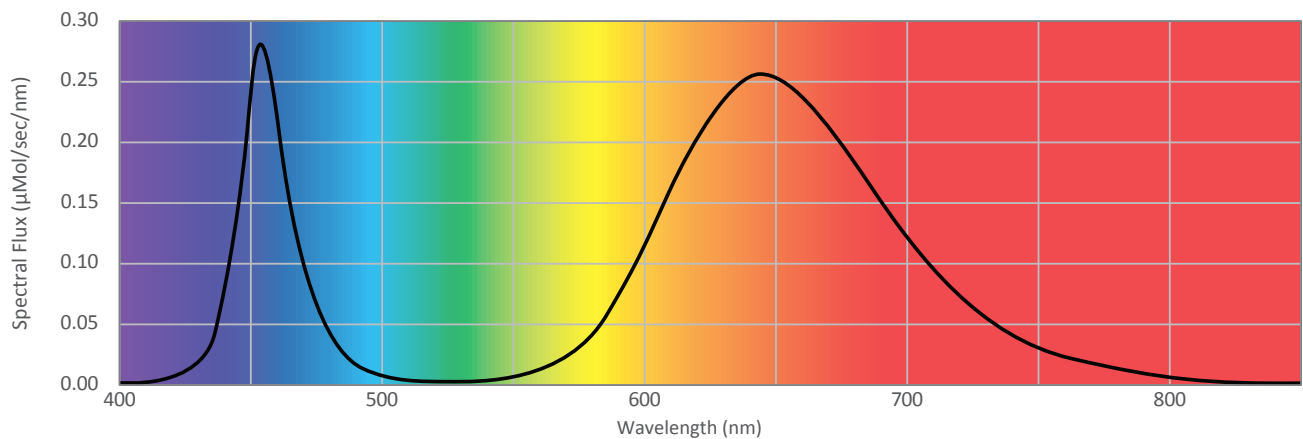
- Eliminates fluorescent ballast flicker
- No mercury
- Engineered to encourage vegetative growth and promote larger leaf growth
- UL 1598C
- 5-year warranty
- Perfect uniformity, wide-beam angle, and low-heat allows lamps to be placed much closer to plants

### Commercial-grade

- Designed and engineered in U.S.A.
- Shatterproof construction
- Suitable for damp locations

### Long Life

- 50,000 hour lifetime rating



## SPECIFICATIONS

Model No.	Input Voltage	Input Power	PPF	PBAR	PPF Efficacy	PBAR Efficacy
E416-G1310	120-277VAC	16W	30.01 µmol/sec (400-700nm)	34.36 µmol/sec (350-800nm)	1.9 µmol/sec/W (PPF 400-700nm)	2.1 µmol/sec/W (PBAR 350-800nm)