






LED LIGHT TUBE

Applications:

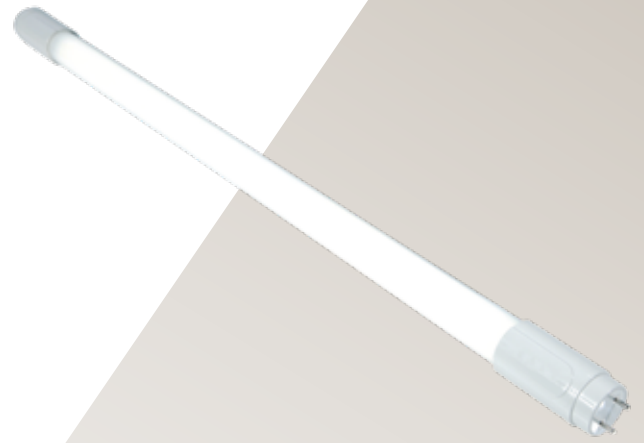
- Commercial indoor horticulture
- Greenhouses
- Controlled environments agriculture
- Indoor gardening

Features & Benefits:

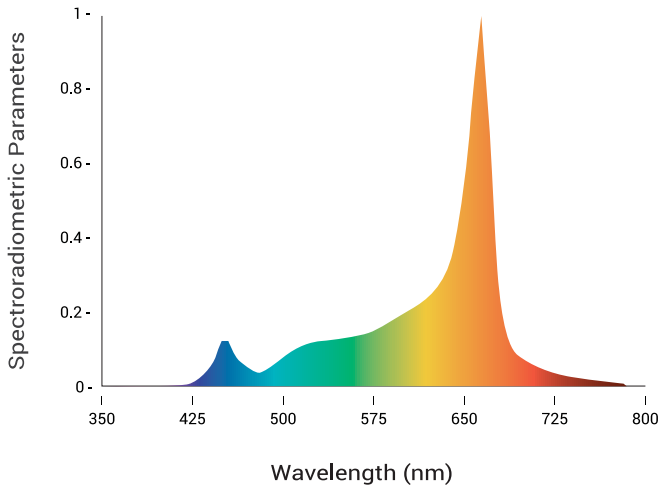
-  Specifically designed for grow applications
-  Direct replacement to conventional grow light fixtures
-  Custom optics engineered to deliver optimum lighting for all types of crops
-  Effective thermal management design, robustness, long lifetime and reliable quality
-  Better ROI through increased yields



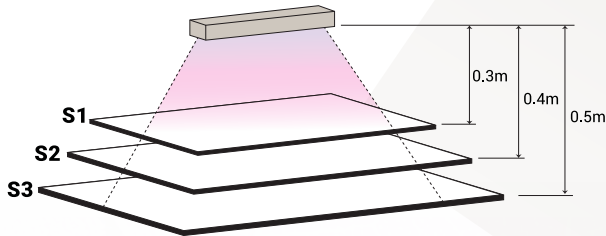
LED Light Tube



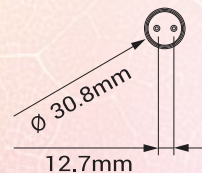
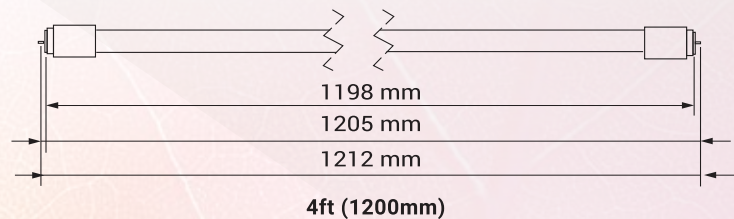
Spectral Distribution



Input Voltage	110V-230V AC
Operating Frequency	50-60Hz
Total Power (W)	16
PPF ($\mu\text{mol/s}$)	21
Efficacy ($\mu\text{mol/J}$)	1.29
Power Factor	0.9
Spectrum / Wavelength	380-780nm
Beam Angle	130°
Operating Temperature	0°C ~ +40°C
IP Rating	IP20
Lifetime	Min. 35,000 hrs



S1 (m^2)	1.48
PPFD1 ($\mu\text{mol/m}^2/\text{s}$)	10.1
S2 (m^2)	1.97
PPFD2 ($\mu\text{mol/m}^2/\text{s}$)	7.6
S3 (m^2)	2.47
PPFD3 ($\mu\text{mol/m}^2/\text{s}$)	6.1



Light Engine

