

Horticultural LED Grow Tube

Model: LX-GLT10

LED GROW WORLD
www.ledgrowworld.com
1-800-380-4081



LED Grow tube uses the new light spectrum optimized horticulture Sunplus 3535 SMD LEDs for higher yields and lower operating costs compared to standard horticultural T8 and T5 fluorescent light fixtures. Ideal lighting for Micro greens, lettuce and seedlings, the low profile light tube allows for a great utilization of growing space while reducing the cost and maintenance of LED drivers.

Using standard 120VAC, the light is linkable to other Grow tubes without bulky LED drivers and wires. The Linear LED Grow Light use less energy, generating almost no heat while lowering cooling costs and production costs.

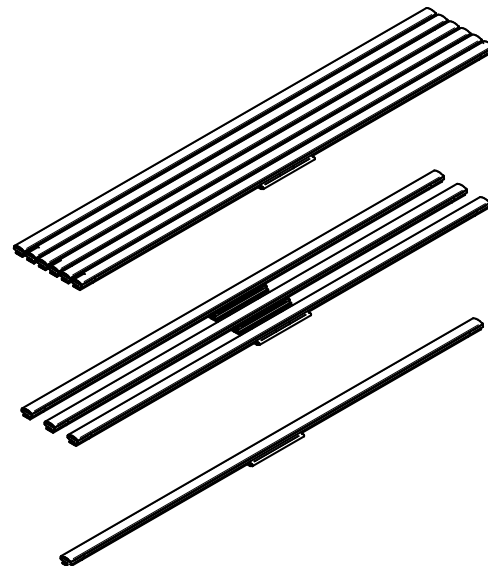
Features & Benefits

- Sunplus 3535 SMD LEDs PPF/W highest umol/J per watt
- Direct 120VAC powered & Linkable
- Multiple light mounting configurations for various horticulture applications.
- Low profile fixture.
- Abatable in two grow spectrums (12% & 25% Blue)
- Proprietary configurable track mounting for space utilization.
- Shorter production growth cycle using less energy.

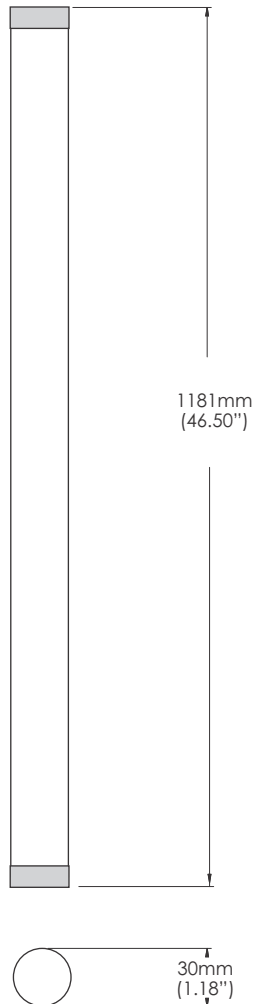
Applications

- Vertical growing applications (Micro Greens)
- Indoor Greenhouse
- Growth Chambers & Seedlings
- Container Growing

Connectable up to 50 Grow Tubes



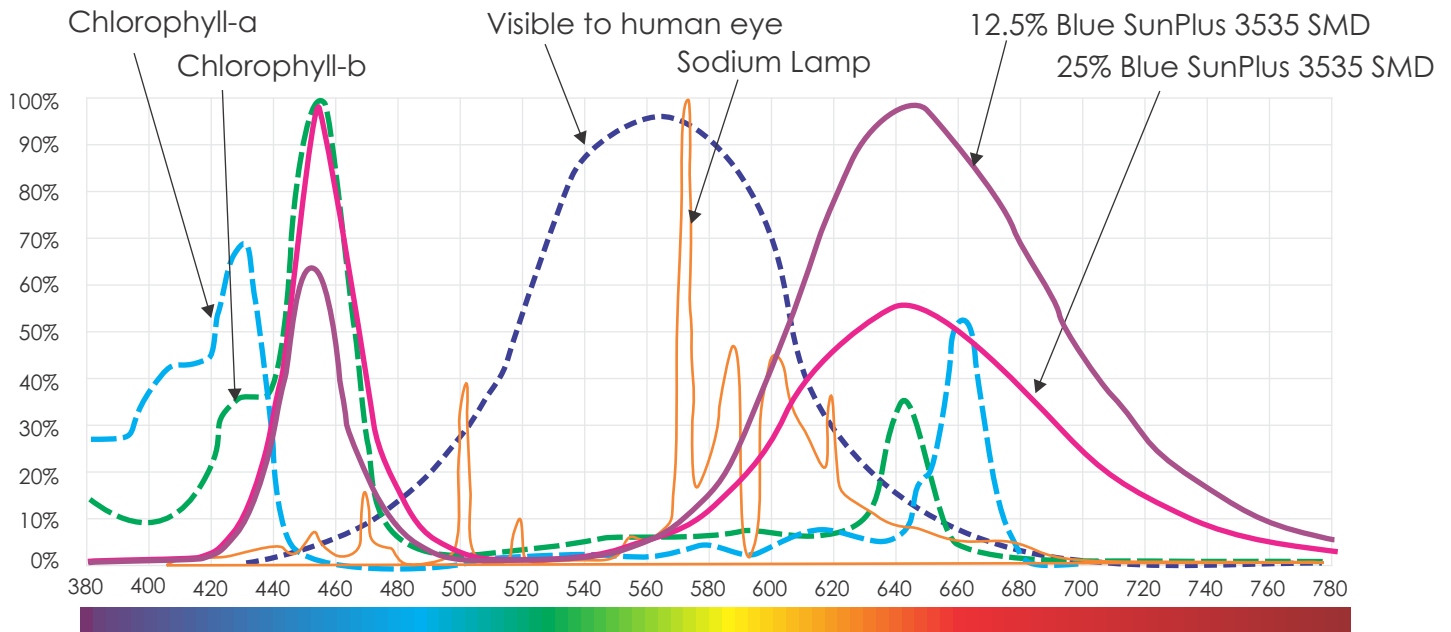
Product Dimension



Specifications

| Chip Option: SunPlus 3535 SMD | Spectrum | PPFD (umol/s) |
|-------------------------------|--|---------------|
| | Purple (25% Blue) | 2.24 |
| Purple (12.5% Blue) | 2.02 | |
| Power Consumption | 20W (Typical input power range allows for a +/- 10% variation of all components)* | |
| Operating Voltage | 120VAC, 50/60 Hz | |
| Driver | Integral to Fixture | |
| Operating Environment | 14°F to 104°F (-10°C to 40°C) | |
| Dimensions | L 47.5" x Ø 1.18" (L 1181mm x Ø 30mm) | |
| Housing | Thermal regulating design | |
| Lens | 60° (or 75°) | |
| Connectors | Polarized plug | |
| Environment | Indoor Damp location use | |
| Mounting Options | Mounting Clips | |

SunPlus LEDs are optimized for horticulture



Lumen
For illumination



PAR
Photosynthetically Active Radiation
Spectra 400~700nm

— 12.5% Blue SunPlus 3535 SMD

— 25% Blue SunPlus 3535 SMD

— Sodium Lamp

--- Chlorophyll-a

--- Chlorophyll-b

... Visible to human eye

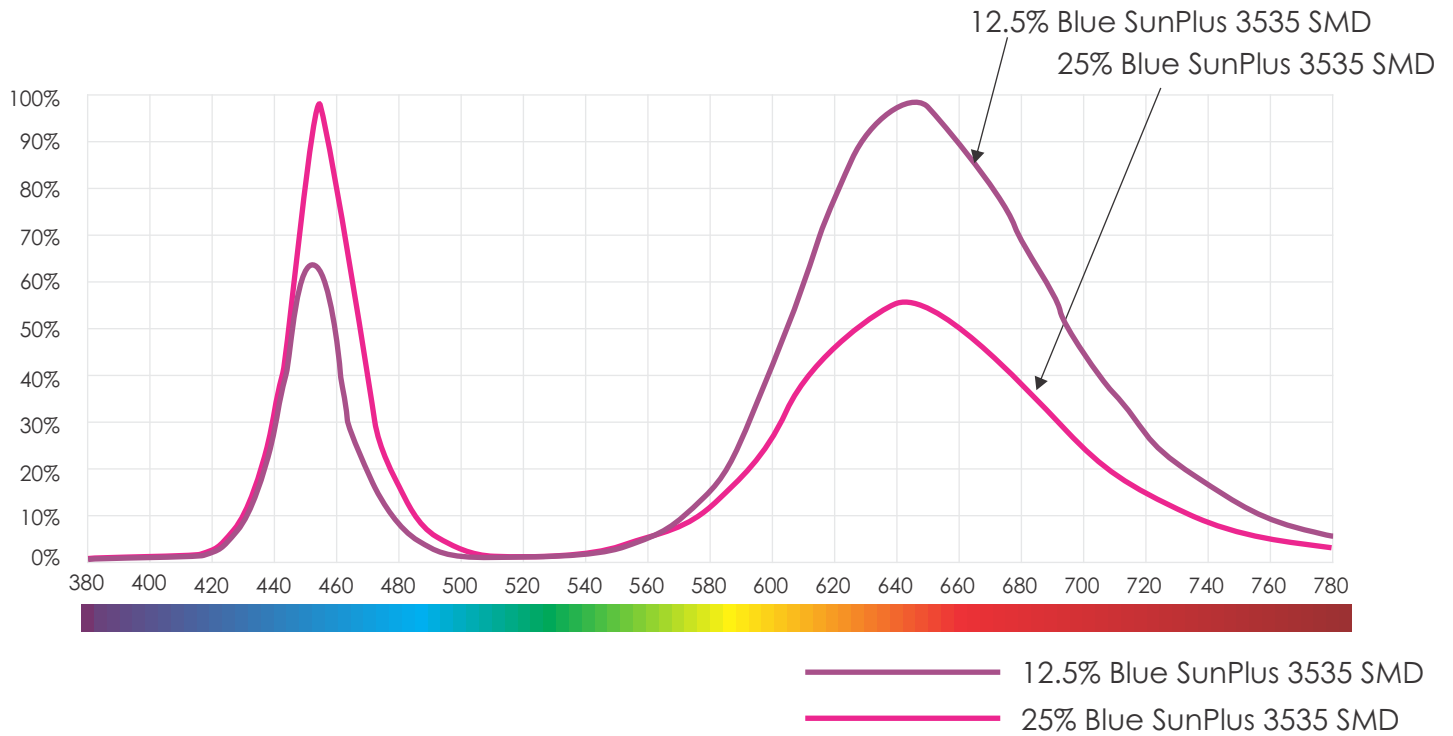


PPF
Photosynthetic Photon Flux
is used by plants for growth and vital activities



Deep & Far Red
Spectra 660~780nm

SunPlus 3535 Grow Spectrum



Light Distribution

