

LED Grow Light Bar System

Optimize veg growth and shorten cycle times

Model Number - TA-GL-XXx4



Features

- ✔ Scientifically optimized spectrum for mother, clone, veg, flower stages
- ✔ High power 3W 3535 LEDs
- ✔ Series connectable with flexible cabling for spacing adjustment
- ✔ Customize light bar quantity for a specific grow phase and crop
- ✔ Connect up to 20 bars 120V 40 bars 277V
- ✔ Optional 3-Step Dimming 100%, 40%, 10% (by special order)
- ✔ Durable IP66 design sealed for humid conditions and ease of cleaning
- ✔ Industrial grade for racking, vertical farming, hydroponic environments
- ✔ 50,000 hours of life
- ✔ 3-year warranty

Benefits

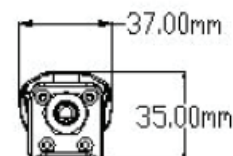
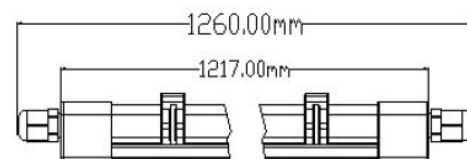
- ✔ Designed for cannabis cultivation
- ✔ Faster growth cycles
- ✔ Increased usable shoot production
- ✔ Lightweight, easy to mount and adjust coverage
- ✔ Sealed for humid conditions and ease of cleaning
- ✔ Uses 50% less energy than T5 florescent



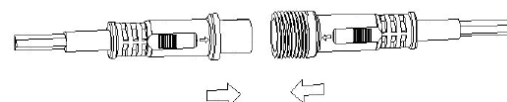
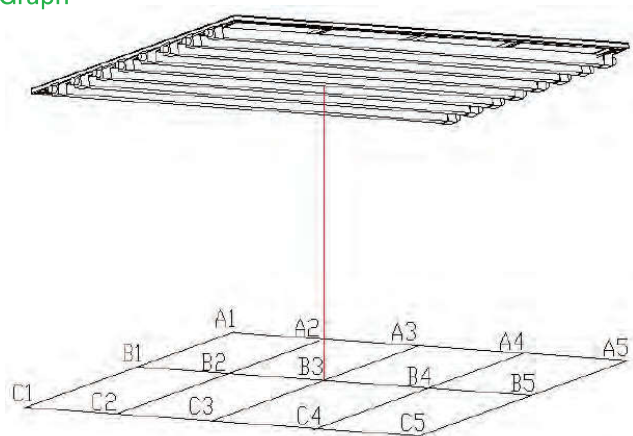
Scientifically proven for superior performance and value

Specifications

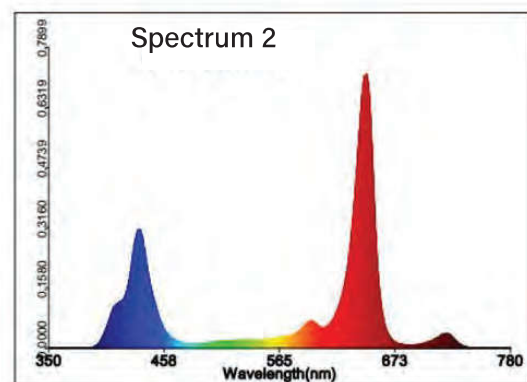
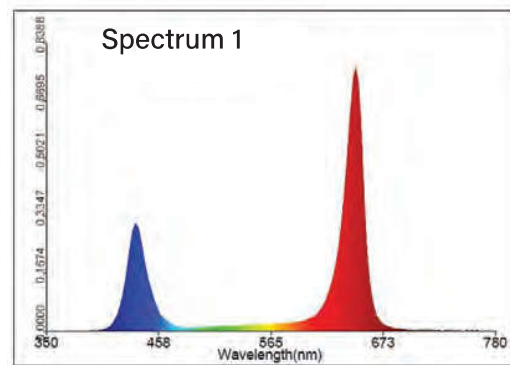
- Wattage: 26 Watts/bar
- Voltage: 100-277VAC 50/60Hz
- Isolated internal power supply
- Rated power factor: >90%
- Thermal conductive body: AL6063
- Photosynthetic photon flux ($\mu\text{mol PAR/s}$): 44,047 $\mu\text{mol/s}$ per light bar
- Eff (PPF) (400-700nm): 1,75 $\mu\text{mol/s/W}$ per light bar
- PAR: 8.9296 per light bar
- Mounting height: 10"-36" (25-90 cm) above canopy
- Footprint: 4' (1.22 m) x 4' (1.22 m) 16' 2" (1.5 m²) using up to 20 light bars
- Avg PPFD photosynthetic photon flux density (across 4'x4' area with 20 bars): ~332 $\mu\text{mol}/(\text{m}^2 \cdot \text{s})$
- Dimensions: 47.5" (1208 mm) long x 1.04" (26.4mm) wide x 1.06" (27mm) height
- Fixture weight: 1.57 lbs (.715 kg)
- Mounting: U-clips for direct mount 3'x4', 4'x4' mounting frames available



Illumination Graph (8 light bars)



Available Spectra



LED Grow Light PAR Measurements (8 light bars)

36" Mounting Height PPFD: $\mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$

A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5
70	165	207	130	60	93	191	233	189	77	80	180	247	150	72

24" Mounting Height PPFD: $\mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$

A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5
33	170	211	176	52	36	181	268	223	74	52	212	263	239	70

18" Mounting Height PPFD: $\mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$

A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5
20	195	263	242	33	34	203	281	280	76	31	190	273	259	40

12" Mounting Height PPFD: $\mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$

A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5
12	259	329	251	13	15	286	307	315	17	14	279	281	253	16

