

TF 1200W PRO

Foldable full-spectrum + UV/IR, 3-channel control

Specifications

POWER	1200 W
PPF	3,360 $\mu\text{mol/s}$
SPECTRUM	Full spectrum white (Samsung LM281B) + 450nm blue + 660nm deep red + 730nm far-red + 395nm UV
CONTROL CHANNELS	3
COVERAGE	Flower 4ft x 6ft; Veg 5ft x 7ft
INPUT VOLTAGE	120-277VAC / 277-480VAC, 50/60Hz (rated input 110-277V)
DIMMING	0-100% dimmer knob; three channels (UV / IR+deep-red / white+blue) dimmable independently; RJ12 port for group control
DIMENSIONS	71"L x 43.3"W x 2.0"H (1800 x 1140 x 50 mm)
IP RATING	IP65
RATED LIFETIME	50,000 h
WARRANTY	5 years standard



Key features

- 3,360 $\mu\text{mol/s}$, 1,200W at 277VAC.
- 980 $\mu\text{mol/m}^2/\text{s}$ average PPFD at 12 inches from canopy, peaking at 1,290 directly under the fixture — a CO₂-enriched flower room number, not a veg number.
- Three-channel control of UV (395nm), IR and deep red (660/730nm) and the white/blue base, independently dimmable 0-100%.
- 4ft x 6ft flowering, 5ft x 7ft vegetative coverage on a 120° beam angle.
- 120-277VAC or 277-480VAC input, power factor above 0.95, 4.33A at 277V.
- Passive cooling to 40°C / 104°F ambient; no fans, no filters, nothing in the airstream above the canopy.
- IP65, flicker-free, damp-location rated; folds flat and ships one per carton at 25.1kg gross.
- Five-year standard warranty, L90 beyond 50,000 hours.