

SF 880D ECO

Single-channel full-spectrum workhorse

Specifications

FACTORY MODEL	LH-DF46-880
POWER	880 W
SPECTRUM	Full spectrum (Samsung LM281B) + 660nm deep red
CONTROL CHANNELS	1
COVERAGE	Flower 4ft x 4ft; Veg 5ft x 5ft
INPUT VOLTAGE	AC 110-277V
DIMMING	Single channel, full spectrum; RJ12 port for group control
DIMENSIONS	1120 x 1120 x 50 mm
WEIGHT	14.17 kg
IP RATING	IP65
RATED LIFETIME	50,000 h
WARRANTY	5 years



Key features

- 2,464 $\mu\text{mol/s}$, 880W at 277VAC — 24% more output than the three-channel TF 720W PRO over the same bench.
- 719 $\mu\text{mol/m}^2/\text{s}$ average PPFD at 12 inches, peaking at 946 under the fixture.
- Fixed full-balance spectrum: 2,968 diodes, Samsung LM281B full spectrum plus 660nm deep red. No UV, no far-red.
- Single-channel dimming, 0-100% at the knob or over RJ12 group control — one number to set per zone.
- 4ft x 4ft flowering, 5ft x 5ft vegetative coverage, 120° beam.
- AC 110-277V input, 3.2A at 277V, UL-listed driver, power factor at or above 0.95.
- Passive cooling to 40°C ambient; IP65, flicker-free; 1120 x 1120 x 50 mm, folds flat to ship at 16.35 kg gross.
- Five-year standard warranty, L90 beyond 50,000 hours.