

CIRCULAR

- **FIORE CIRCULAR:** Optimized for closed, climate-controlled cultivation facilities, such as city/vertical farms, propagation and research centers that use multilayer growth systems to grow crops.
- **FIORE CIRCULAR:** Can be installed close to the plants for improved photosynthetic efficiency and in the confined spaces typical of intensive vertical farm production facilities.
- **HOUSING:** Single transparent polycarbonate tube. Slim design.
- **EFFICIENCY:** Up to 2,38 $\mu\text{mol}/\text{J}$ @ TLed = 77°F (25°C)
- **POWER CONSUMPTION:** HO: 22W
- **POWER SUPPLY:** 120/277V; 50/60 Hz
- **OPERATING TEMPERATURE:** -4°F up to 95°F (-20°C up to 35°C)
- **WEIGHT:** 1.04 lbs / .473 kg



- **APPLICATIONS:** Indoor farms and green houses.
- **WARRANTY:** 5 year warranty.

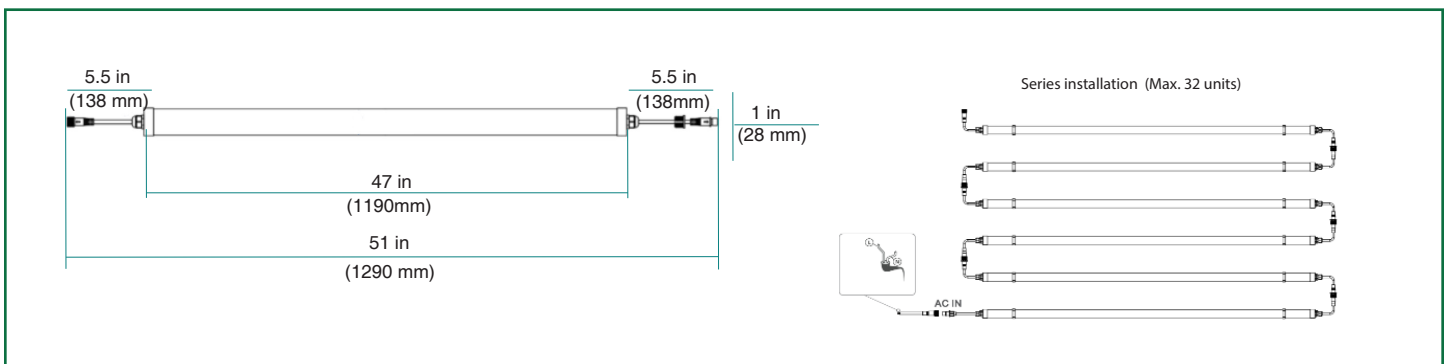
CONFIGURATIONS

MODEL	OPERATION	OUTPUT	SPECTRUM	INPUT	MOUNTING
FIORE-CIRCULAR ¹	HT	HO	consult factory ²	120/277V	AC (aviation cable) CH (chain hang kit)

NOTE 1: For series installation, maximum of 32 units.

NOTE 2: Spectrum is calibrated by factory depending on specific crop to be grown.

DIMENSIONS



PERFORMANCE

MODEL	POWER CONSUMPTION (W)	PPF ($\mu\text{mol}/\text{sec}$)	L70 (hrs)
FIORE-CIRCULAR-HT-HO	22	up to 50/52 ¹	>50,000

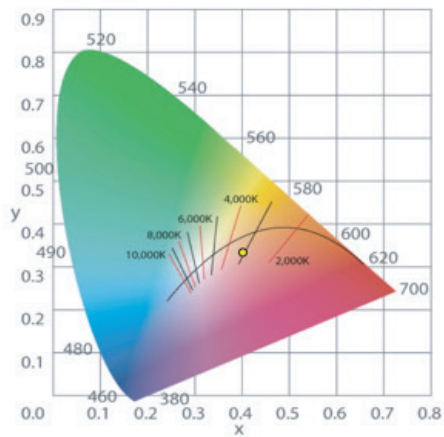
NOTE 1: Up to 50 $\mu\text{mol}/\text{sec}$ @ TLed = 25°C (115° version). Up to 52 $\mu\text{mol}/\text{sec}$ @ TLed = 25°C (80° version).

OPTICAL PARAMETERS

SPECTRUM

CIE1931

x:0.4034, y:0.3537 CCT: 3201 K



PPFD Spectrum

Ref.: McCREEs ACTION SPECTRUM

