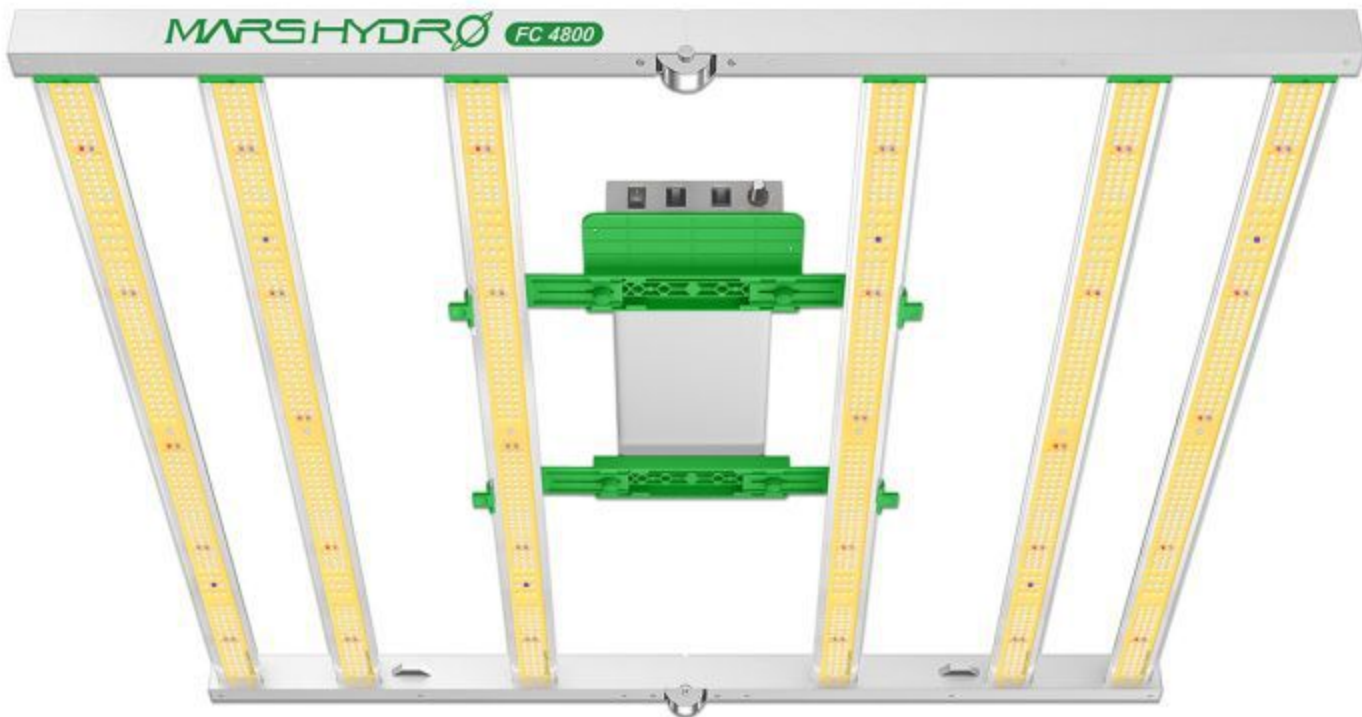


SAMSUNG
HORTICULTURE LED



Illuminated

MARSHYDRØ FC 4800



FC4800 PPFD DATA

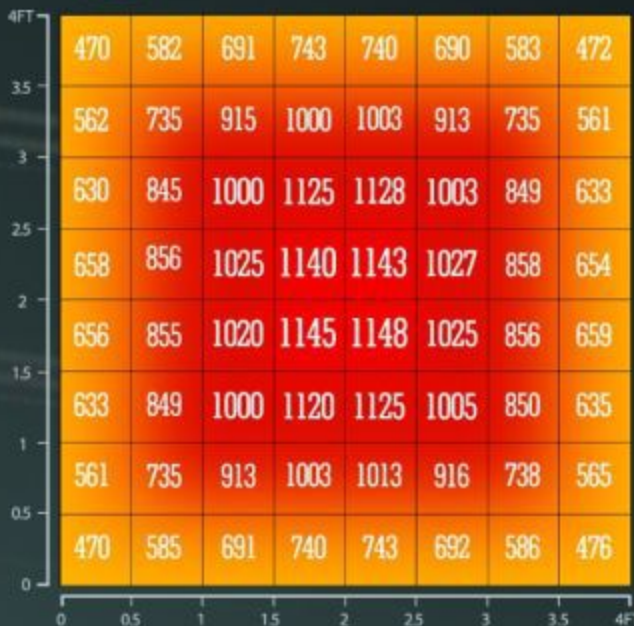
Test in 4x4ft(120x120CM)grow tent



Use CO2 At Height of 8''

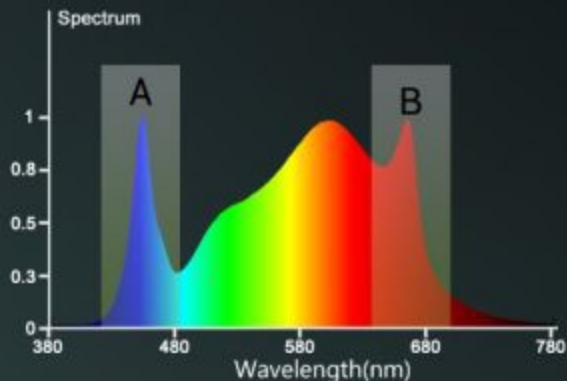


Not Use CO2 At Height of 12''



MIX FULL SPECTRUM GRAPH


Test in 4x4ft(120x120CM)grow tent



A Enhanced Blue Spectrum:
Promote veg, accelerate growth

B Rich Red Spectrum:
Boost crop yield & quality

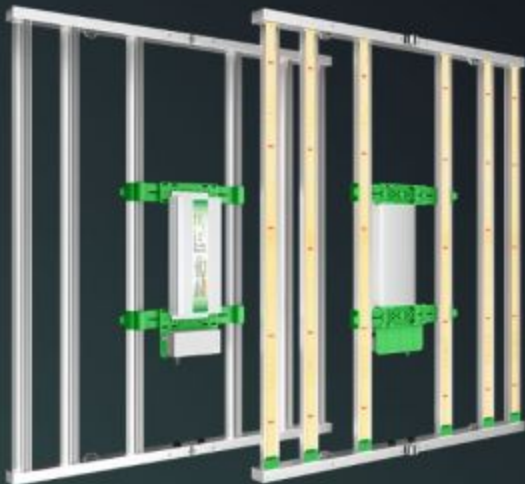
 Warm White Light(3000K)
Boost Flowering

 White Light(5000K)
Promote Germination

 Rich Red Light(650-665nm)
Yield More Buds & Crops



MARS HYDRO FC VS FC-E



FC 4800



FC-E4800

Samsung LM301B

LED CHIPS

BridgeLux

2.85 $\mu\text{mol}/\text{J}$

PPE

2.8 $\mu\text{mol}/\text{J}$

1366 $\mu\text{mol}/\text{s}$

PPF

1331 $\mu\text{mol}/\text{s}$

3g /W

MAX YIELD

2.5g /W

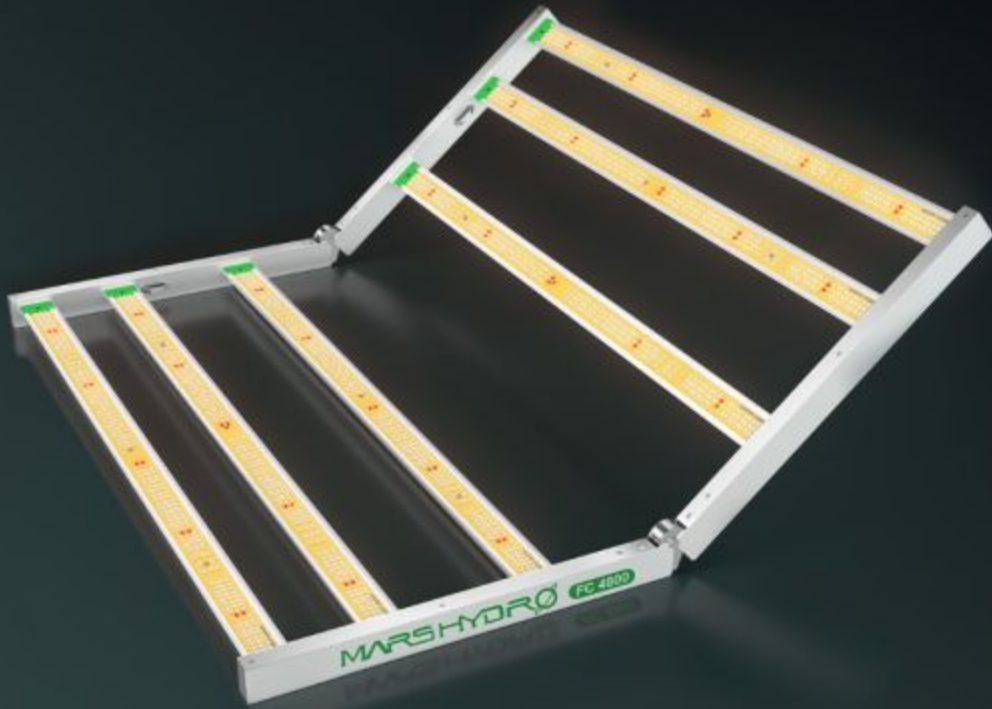
4x4 FT

MAX COVERAGE

4x4 FT

PROFESSIONAL GROW LIGHTS

TOP Yield Light for 4x4 GROW ROOM



2.85 High Efficacy:
 $\mu\text{mol}/\text{J}$

1366 Par Value:
 $\mu\text{mol}/\text{s}$

3.0 Max Yield:
g / w



1680 Pcs Samsung LM301B Diodes



Heat Dissipation 6-Bar



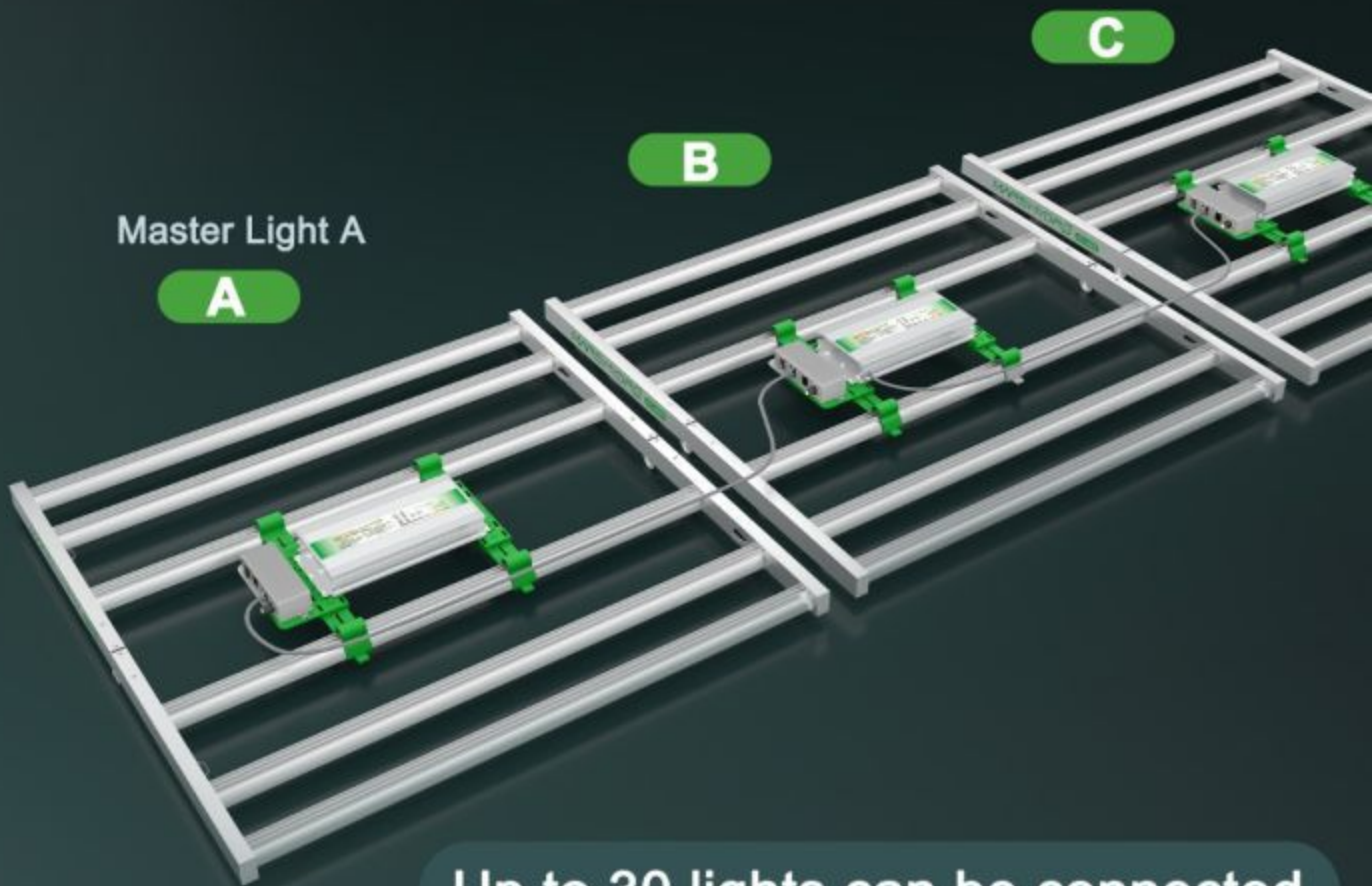
Dimming Daisy Chain



Unique Foldable Design

DIMMING CONTROL & DAISY CHAIN

- Connect all lights
- Turn all lights dimmer knob to "0"
- Use dimmer of master light A to control all lights



Up to 30 lights can be connected

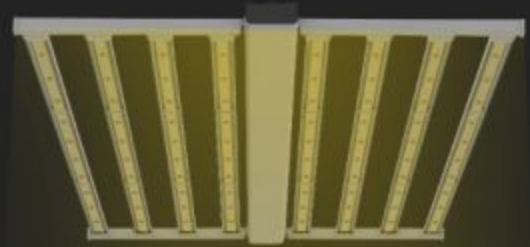
Uniform High PPFD Data



Light Hangs Close to Plants



Plants Vigorously on Whole Space



High PPFD on Center



Light Hangs far away from Plants



Plants not Grow Well



FC4800

480W



2.85 $\mu\text{mol}/\text{J}$

3.0g/Watt



Power Draw

SAMSUNG LM301B

PPE

Max Yield

Others

480W



2.2 $\mu\text{mol}/\text{J}$

2.5g/Watt

