

SunPro
LED

SUNFATHER 610W 3.1 UV

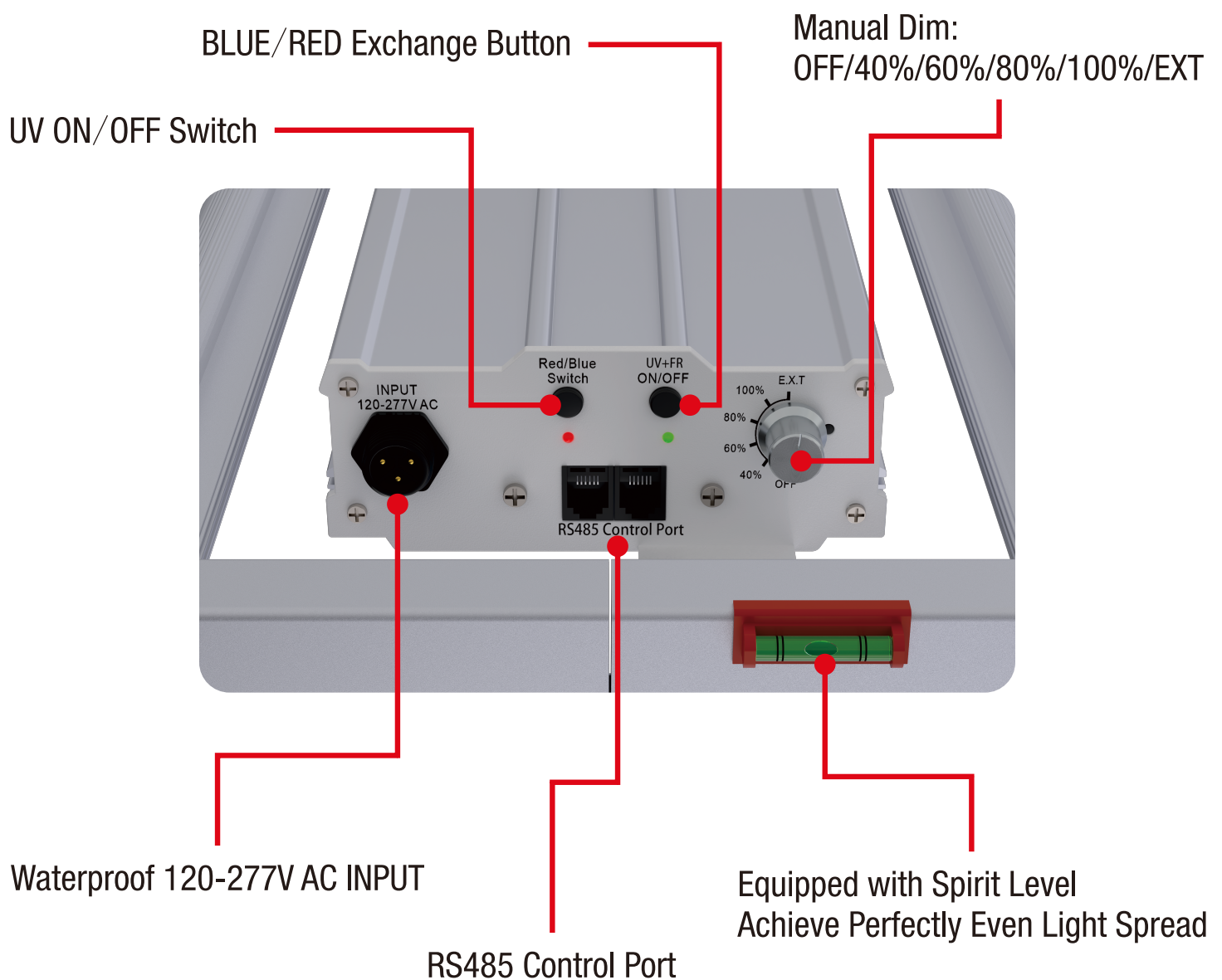
*SUNFATHER 320W PRO 3.1 LED producing a PPF OF 1891 $\mu\text{mol/s}$
and a VERY HIGH EFFICIENCY of up to 3.1 $\mu\text{mol/J}$*



The spectrum tuning feature allows growers to adjust spectrum for different crops and different growing stages. It can be achieved by the on-board functional knob or controllers

FEATURE & BENEFITS

- Come With 120-277V AC output quick access outlet on the fixture
- Foldable design, easy installation
- Up to 30% more energy saving than traditional HID and HPS
- Optimized spectrum proven by growers for veg and flowering
- Superior delivered PPF and PAR exceeding 1000W HPS
- Scientifically engineered to maximize photosynthesis, growth, and yield
- Optimised for trichomes and terpen profile boost



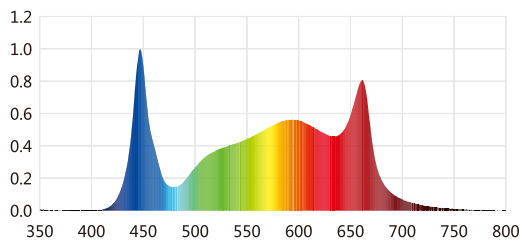
485 DIGITAL CONTROL SYSTEM

Works with TOUCHSCREEN CONTROLLER systems. When you put the dimmer in EXT mode, it is ready to connect to the control system (If you daisy chain these lights and use a control system to control them together, you need to switch it to EXT mode)

ADJUSTABLE SPECTRUM LED

Natural dimming and maximum 4 individual spectrum tuning & control, and bring the best part of mother nature into indoor growing while devoiding any of the possible troubles in the unstatic and unstable natural outdoor environment.

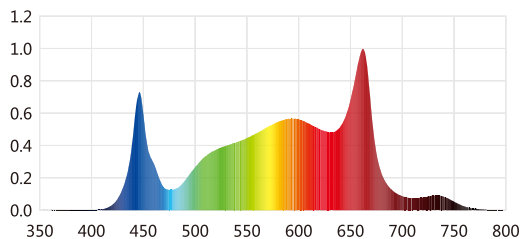
Full Spectrum White + Blue



VEGETATIVE

Deep Blue targeting peak Chlorophyll / photosynthetic production for boosted vegetative growth and plant vigor.

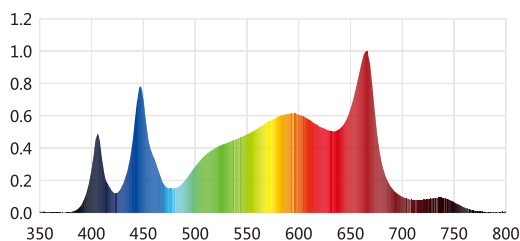
Full Spectrum White + Red + Far Red



EARLY FLOWERING

Full spectrum with higher red output for flowering growth and production in blooming plants Far-red light causes plants to stretch out and reduces the amount of chlorophyll.

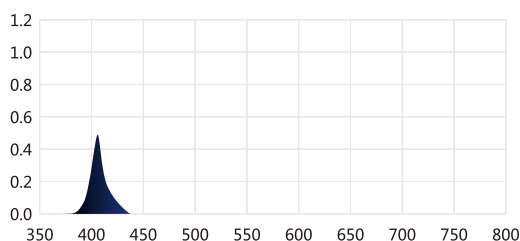
Full Spectrum White + Red & Far Red + UV



LATE FLOWERING

UV and Far-Red, promoting stronger plant growth with heavier flowers increases resin production, improves taste and smell causes more branching and less stretching, increases root mass increases plant biomass, triggers flowering enhances flower size, improves efficiency of overall spectrum.

Model 4: UV

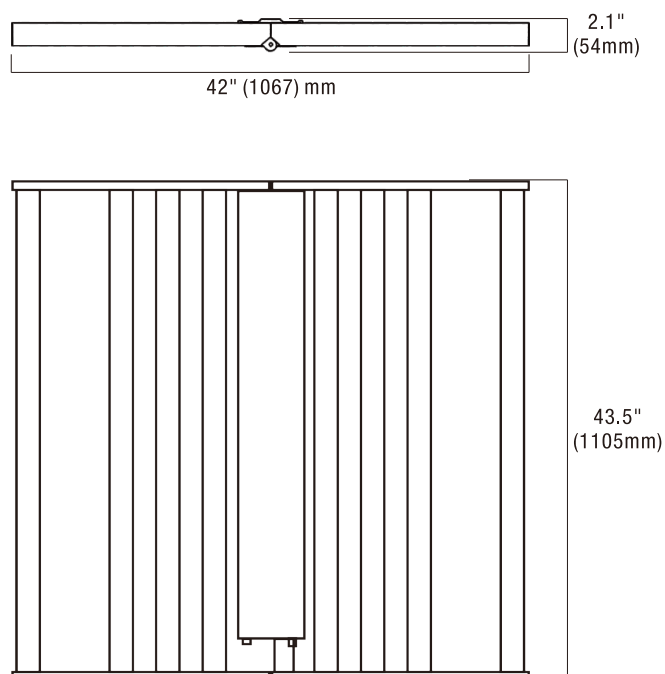


UV ONLY

UV light helps increase root mass and Increased Resin Production.

SPECIFICATIONS

Model	SUNFATHER 610W
Input Power	610W
Number For Light Bars	8 Bar
Efficacy	3.1 $\mu\text{mol/J}$
PPF	1891 $\mu\text{mol/s}$
Input Voltage	Autosensing 120-277V
Mounting Height	$\geq 6"$ (15cm) Above Canopy
Thermal Management	Passive
Lifetime	50,000hrs
Power Factor	$>90\%$
Colour Rendering Index	80ra
Ambient Temperature	$-25\sim 40^{\circ}\text{C}$
Storage Environment	$-40\sim 85^{\circ}\text{C}$ RH10%~95%
Chip	Branded LEDs



485 DIGITAL SMART TOUCHSCREEN CONTROLLER

SMART TOUCHSCREEN CONTROLLER is a professional-grade single zone all-in-one environmental system. It is fully customizable and modularly designed. Installation is simple and the system is easy to expand upon. It can control all SWITCHABLE SPECTRUM LED With the free SMART TOUCHSCREEN CONTROLLER, users can easily monitor and control their SWITCHABLE SPECTRUM LED and other environmental parameters anytime and anywhere.

