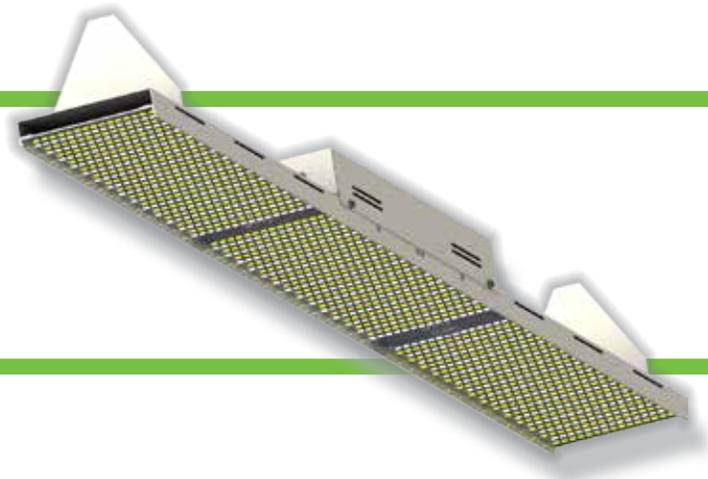


SURNA LED LIGHT



At Surna, we understand the importance of an efficient facility. Our LED solution offers patent pending full spectrum light with adjustable blue, red and UV peaks. This ensures optimal plant health and greater yields while using a fraction of the energy of other lighting options and reduces operating costs.

Surna offers LED solutions to meet any cultivation style, meant to be hung like any HPS. Our indoor facility LED option is completely customizable with independently adjustable red, blue and UV peaks. Cultivators can adjust light throughout the day or growing cycle, mimicking natural sunlight for greater plant health and yields. These LEDs are also dimmable, giving cultivators the ability to vary intensity of light as needed to ensure consistent photoperiods.

Surna has also developed a supplemental LED for greenhouses. Our solution allows cultivators to set target intensity, compensating for whatever the sun does not provide. These

FEATURES AND BENEFITS

Patent Pending Spectrum Technology

Surna's LED utilizes technology to offer cultivators full spectrum, ensuring optimal PPFD for maximized plant health.

Extended Life

Strategically placed ventilation slots increase surface area exposed to air by 9%, allowing for greater heat removal and better thermal management, prolonging the life of your equipment.

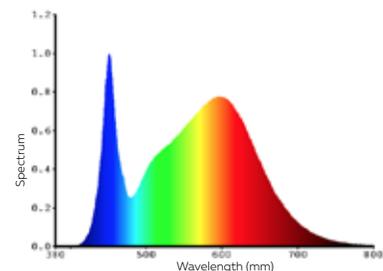
Controllable and Tunable

Surna's tunable LEDs provide cultivators complete control by offering the ability to mix the spectrum, control DLI and use Dim-2-Zero for on and off control.

LEDs make maintaining consistent and optimal photoperiods easy and minimizes energy consumption.

As the experts in cultivation environments, we understand that thermal management of any lighting fixture is key. For this reason, we've designed our LEDs to be passively self-cooling, utilizing strategically placed ventilation slots and passive convection to move excess heat away from the bulbs. This extends the life of lights and eliminates the need to change fan filters. As a result, Surna LEDs are low maintenance.

Our LEDs can be daisy-chained together, allowing for easy light zoning and reducing cable runs in the facility.



SPECIFICATIONS

PHYSICAL	INDOOR BLOOM	INDOOR VEG	INDOOR CLONE	GREENHOUSE
Length	33 in	36 in		54 in
Width	36 in	10 in		5.2 in
Height	2.5 in			2.5 in
Weight	22 lbs	9 lbs	8 lbs	
Mounting Height	> 12 in			
ELECTRICAL				
Wattage	680W	185W	100W	325W
Efficacy	>2.4 umol/J	>2.2 umol/J		
Input Voltage	120V / 240V / 277V			
PERFORMANCE				
Approvals	UL1598D Horticultural			
Operating Temperature	0°F - 90°F			
PPF	1050 - 1440 umol	250 umol		781 umol
Thermal Management	Passive convection			
Dimability	0-10V / PWM / Manual Preset			