

STAR LED

Horticulture Lighting | SPROUT

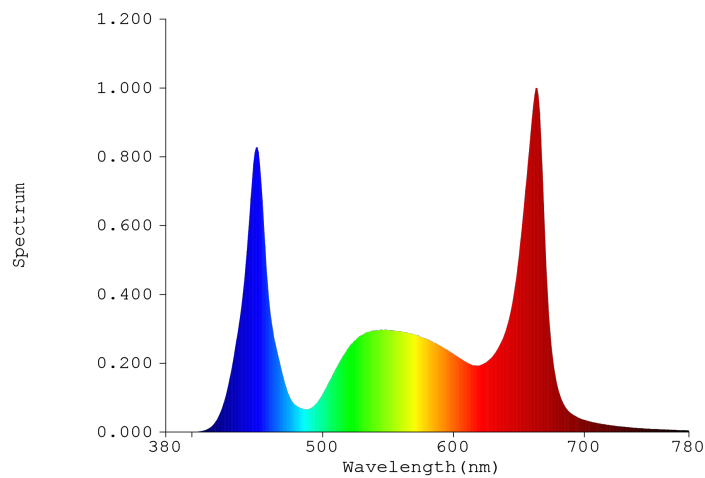


Star LED's SPROUT luminaire is part of our state of the art LED horticulture Series, devised with both quality and balance in mind. Available in individual and twin configurations, SPROUT is versatile and lightweight with the ability to stand up to its outdated HPS counterparts with confidence. Ideal for Greenhouse applications and boasting outstanding efficacy, 0-10V dimming and full spectrum availability. All these features backed by a full 5 year replacement warranty, now that's quality you can trust!

Model Guide		[Example Model: SPROUT-380W-100-277V-DIM-AH]			
Series	Wattage	Voltage	Standard	Mount	Additional Features
SPROUT	380W	100-277V	DIM Dimmable 0-10V	AH Aluminum Hook	WM WiFi Module (optional)
	650W	277-480V		CM Custom Mount	CS Custom Spectrum (optional)
	780W				
	CW Custom Wattage				

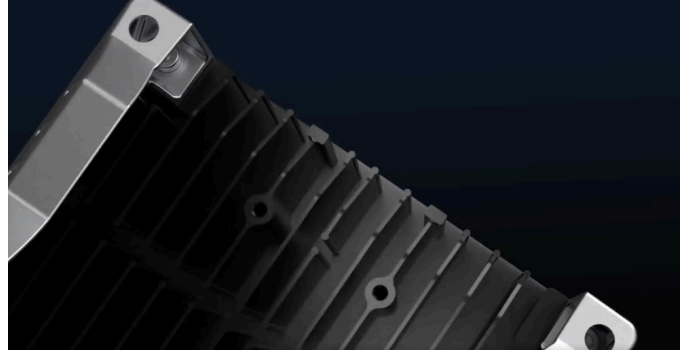
Spectrum

SPROUT is available in the full spectrum and was designed to be custom tailored to each applications individual needs, synthesising and maintaining the delicate environments required to effectively cultivate crops of all plant



Built to last

SPROUT was designed to stand the test of time. The cold forged aluminium heat sink technology ensures effective dissipation for reduced stress on the driver and light source, extending the lifetime of the SAMSUNG LEDs. Certified and tested to L90 50,000hrs, SPROUT maintains healthy light levels for effective crop management over an extended period of time with minimal deterioration and maximum return on your investment. Forged from aluminium, SPROUT is lightweight and robust all the same, and comfortably rated IK06 for durability. The housing is rated for Ingress Protection to IP66, making it suitable for use in with wet environments, sealed from dust and sulphur.



Growing with you

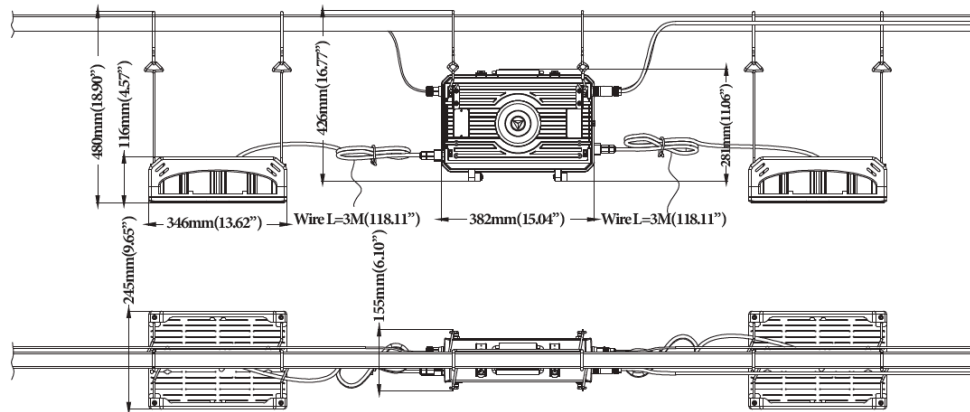
SPROUT has been developed to suit a range of requirements and specifications. Available in single or twin configurations, with different Wattage and Spectrum options, 120° beam angle and customizable mounting features. Standard installation with the aluminium hooks is effective and easily adjustable, while also being versatile and relocatable with evolving Greenhouse / Crop layouts. Talk to our team about completing a lighting study, enabling us to make a recommendation for best practice in your horticulture application.

Quality components

SPROUT encompasses the ideal balance of functionality, quality and savings. The robust housing protects the SAMSUNG LEDs for industry leading performance and efficacy. Built to our meticulous standards, the driver (SOSEN or Inventronics, depending on configuration) matches the LED quality equally and maintains the luminaire for years to come.



Dimensions & Technical Drawings



Specifications

Assembly

Outer body composed of heavy duty aluminium alloy (EN AC-46100). Standard mounting aluminium hook system with custom adaptors and mounting options available upon request. Integrated, cold forged aluminium heat sink; factory label with description of model; QR accessible service tag. Ingress rated to IP66, suitable for wet locations and exposure to elements of dust and sulphur.

Photometric Data

Light source SAMSUNG, individually enclosed in PC (polycarbonate) treated for UV stabilisation. Efficacy up to 3.0µmol/J available for certain spectrums. 120° beam angle. Full spectrum available, custom spectrum upon request.

Electrical Data

Wattages available 380W, 650W, 780W & Custom Wattage amiable upon request. Input Voltage 277-480V 50/60Hz. Dimmable 0-10V, compatible with various control systems and available with WiFi module if specified. High powered LED driver, SOSEN or Inventronics. All electrical components are UL compliant to meet US standards.

Certifications & Compliance

Tested and compliant for L90 lifespan of 50,000h; Certified ETL & DLH Horticulturally Listed, UL 8800 Compliant. Rated IK06 for durability.

Servicing & 5yr Replacement Warranty

Luminaires come with QR identifiable service label fixed to the outer housing of the luminaire and driver, allowing access to installation guides, product information and warranty contact. Warranty claims can be made by using the link on the service tag or, by contacting Star LED on +1 423 460 4050, or by emailing info@StarLED.green. For complete 5yr Replacement Warranty document, contact us or refer to your original purchase document.

Features

For full list of available features and suitability to your project, please contact your local Sales Representative. Additional features may be available depending on region and market and should be assessed for suitability to the application.

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T&Cs

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