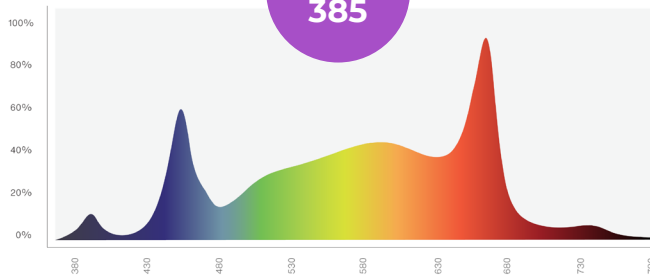


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Solray
385

Enhanced Metabolite Production

The **Solray385**® spectrum offers an optimized spectrum designed for controlled environment agriculture and research across all growth stages. Its balanced range of wavelengths, spanning from UV to FR, is suitable for most plant species. Rigorously tested and proven highly effective, Solray385 serves as an exclusive light source. Moreover, Solray385's unique characteristics enable plants to achieve optimal phenotypical expression, resulting in superior plant growth. By utilizing Solray385, you can ensure that your plants receive the ideal light for their optimal development.

Available for: **RX-Series, RF-Series, LT-Series, BX-Series**

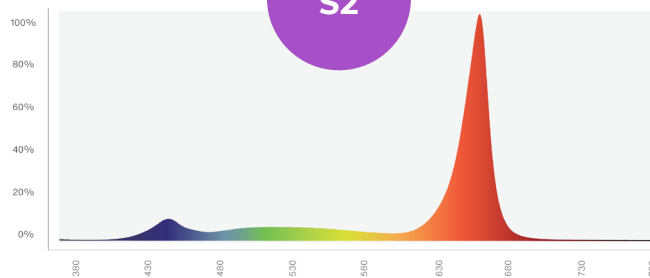
Solray
X

Traditional PAR

The **Solray X**® spectrum builds upon the traditional plant growth range, incorporating proprietary adjustments. Encompassing all wavelengths within the PAR range (400-700nm), it serves as an excellent choice for growers aiming to enhance plant growth and boost crop yields. SolrayX delivers superior performance and efficiency, making it ideal for both indoor and greenhouse applications. Furthermore, SolrayX is optimized for CAPEX and longevity, while ensuring high visibility for scouting and grower comfort.

Available for: **RX-Series, RF-Series, LT-Series, BX-Series**

S2

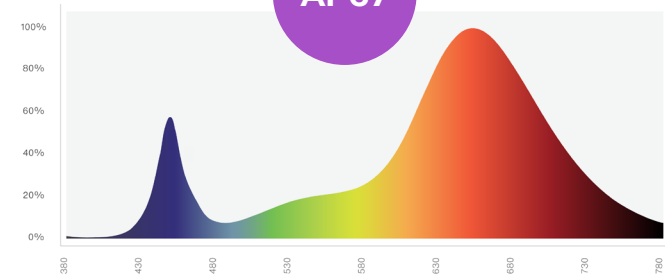


Greenhouse

The **S2**® spectrum is purpose-built for supplemental greenhouse lighting. It provides a comprehensive output spanning the entire PAR range (400-700nm), with additional energy concentrated in the red segment. Unlike typical "blurple" lights (which emit only blue and red wavelengths), S2© includes a substantial amount of green light. This design ensures that growers can inspect their plants comfortably, even when scouting for infestations, diseases, and nutritional concerns.

Available for: **RX-Series, LT-Series**

AP67



Propagation/Vegetative

The **AP67**® spectrum, developed by Valoya, has a rich legacy as one of their earliest traditional spectra. Originally designed to promote robust vegetative growth, it has demonstrated effectiveness across all stages of plant development. Widely used in tissue culture applications and crop science breeding programs globally, the AP67© spectrum stands out for its ability to enhance overall biomass by stimulating leaf expansion. Additionally, it holds promise in accelerating plant maturity and ripening.

Available for: **BX-Series**

FEATURES	SOLRAY 385 SOLRAY X	S2	AP67
ULTRAVIOLET (<400NM)	2% 0%	0%	0%
BLUE (400-500 NM)	19% 19%	5%	12%
GREEN (500-600 NM)	36% 37%	8%	16%
RED (600-700 NM)	40% 42%	86%	57%
FAR-RED (700-800 NM)	3% 2%	1%	15%
PAR (400-700 NM)	95% 98%	99%	85%
CCT (KELVIN)	4500 4500	1600	2500
CRI	90 95	35	70
B:G RATIO	0.5 95	0.6	0.8
B:R RATIO	0.47 0.46	0.06	0.21
R:FR RATIO	12.9 26.0	12.4	3.7

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