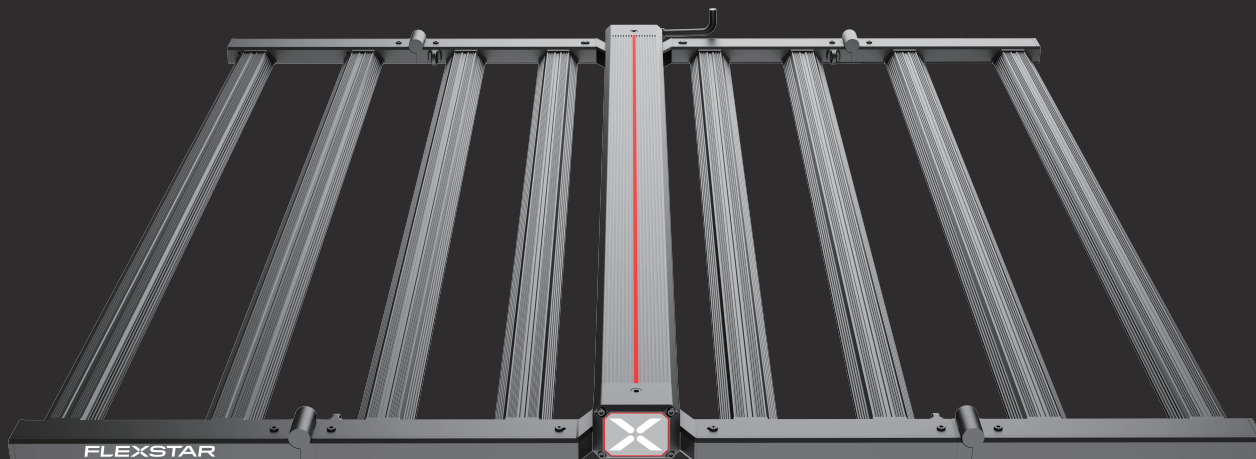
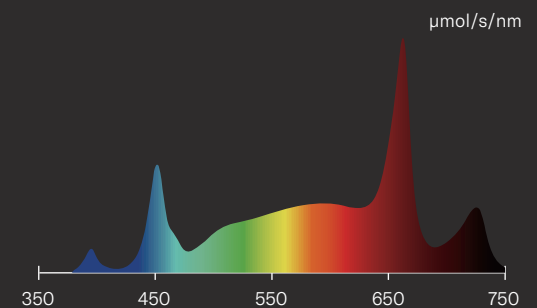


FLEXSTAR

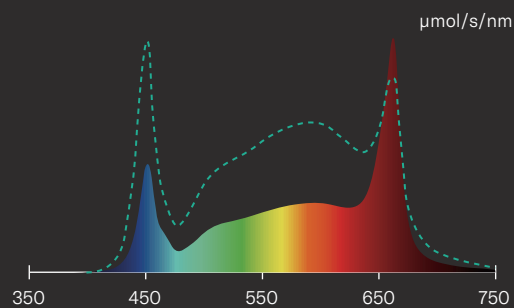
REDLINE SPECTRUM



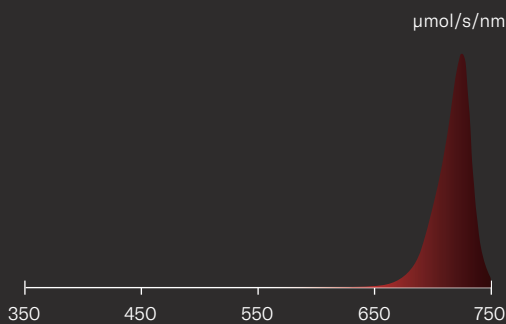
SPECTRUM OPTIONS



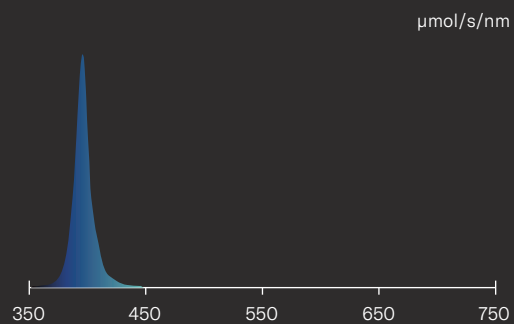
Main spectrum with all channels 100% ON



Main spectrum with Red channel 0%/100%



Only Far Red channel ON



Only UV channel ON

* Precise control over UV, Deep Red, White and Far Red enables growers to create any light recipes.

* The UV and Far Red channels can be independently adjusted from 25% to 100%.

SPECIFICATIONS

| Model | Input Voltage | Input Power | PPF 400-700nm | PPE Main Spectrum | BPF 280-800nm | BPE Broadband Spectrum | Bar Type | Product Dimensions | Coverage |
|---------------------------|---------------|---------------------------------|------------------|-------------------|------------------|------------------------|----------|--|----------|
| RedLine 800W SpecTune | 120-277V | 800W (Main 680W+FR80W+UV40W) | 2040 μ mol/s | 3.0 μ mol/J | 2300 μ mol/s | 2.9 μ mol/J | 6-bar | 44.5"L x 44.5"W x 2.3"H 112.8 x 112.8 x 5.8cm | 4 x 4ft |
| RedLine 1000W SpecTune | 120-277V | 1000W (Main 840W+FR105W+UV55W) | 2500 μ mol/s | 3.0 μ mol/J | 2900 μ mol/s | 2.9 μ mol/J | 8-bar | 44.5"L x 44.5"W x 2.3"H 112.8 x 112.8 x 5.8cm | 4 x 4ft |
| RedLine 1200W SpecTune XL | 120-277V | 1200W (Main 1000W+FR140W+UV60W) | 3000 μ mol/s | 3.0 μ mol/J | 3480 μ mol/s | 2.9 μ mol/J | 10-bar | 44.5"L x 66.1"W x 2.3"H 112.8 x 167.8 x 5.8cm | 4 x 6ft |

| | | | |
|-----------------------|------------------------------------|--------------------|------------------------|
| Control Protocol | RS485 & 0-10V | Light Distribution | 120° |
| Dimming Range | 25%-100%/OFF | Cooling | Passive |
| Daisy-Chain (Control) | Up to 80 lights per channel | Lifetime (Q90) | > 54,000 hrs |
| Mounting Height | ≥6" above Canopy | IP Rating | IP66 |
| Operation Temp. | 95°F/ 35°C Max. | Certifications | ETL/DLC/CE/TISI |

MAXIMUM CROP YIELD AND QUALITY WITH POWERFUL GROW LIGHT

RedLine SpecTune delivers extremely high light output up to 3000 μ mol/s, ensuring optimal crop yield quality.

SIMULATE NATURAL LIGHT TO ENHANCE PLANT GROWTH

Equipped with SpecTune technology, the light features 4-channel spectrum tuning with independent control of far red and UV to support various growth stages.

REDUCE USAGE AND MAINTENANCE COSTS

Achieves higher PPE of 3.0 μ mol/J and an extended lifetime of 54000 hours.

EASY CONTROL AND USER FRIENDLY

Support RS485 dimming with a water-proof port and enables group control through a daisy chain design

DURABLE LENS PROTECTION

The innovative lens design shields LEDs from dust, humidity, and fertilizer spray while preventing accidental contact.

STREAMLINED INSTALLATION PROCESS

Features build-in drivers and a foldable design to simplify the installation process and reduce installation time