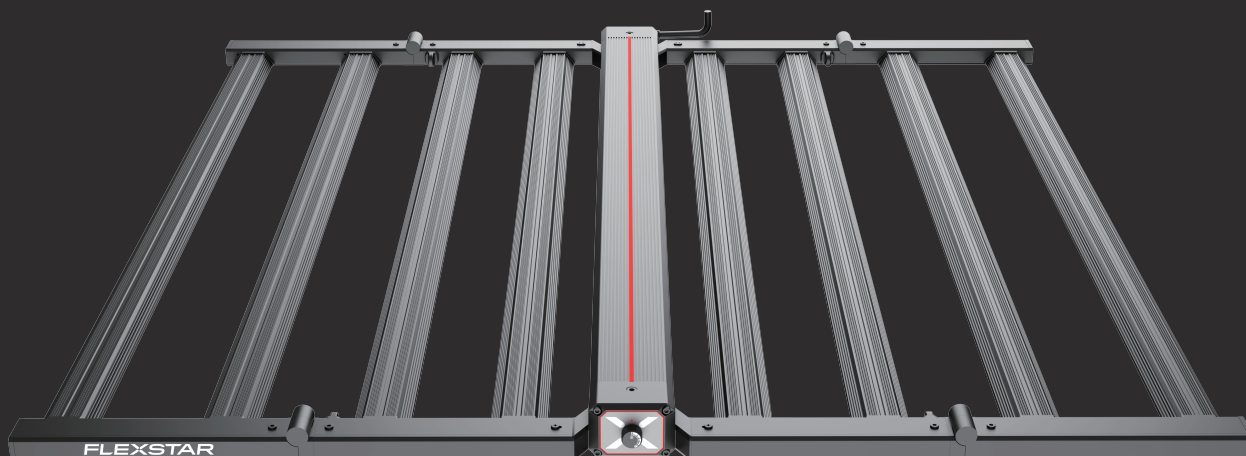


FLEXSTAR

REDLINE



SPECIFICATIONS

Model	Input Voltage	Input Power	PPF	PPE	Bar Type	Product Dimensions	Coverage
RedLine 400W	120-277V	400W	1280 μ mol/s	3.2 μ mol/J	4-bar	44.5"L x 44.5"W x 2.3"H 112.8 x 112.8 x 5.8cm	4 x 4ft
RedLine 645W	120-277V	645W	2064 μ mol/s	3.2 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 800W	120-277V	800W	2560 μ mol/s	3.2 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 800W XL	120-277V	800W	2560 μ mol/s	3.2 μ mol/J	8-bar	44.5"L x 66.1"W x 2.3"H 112.8 x 167.8 x 5.8cm	4 x 6ft
RedLine 1000W XL	120-277V	1000W	3200 μ mol/s	3.2 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

Dimming Voltage

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.

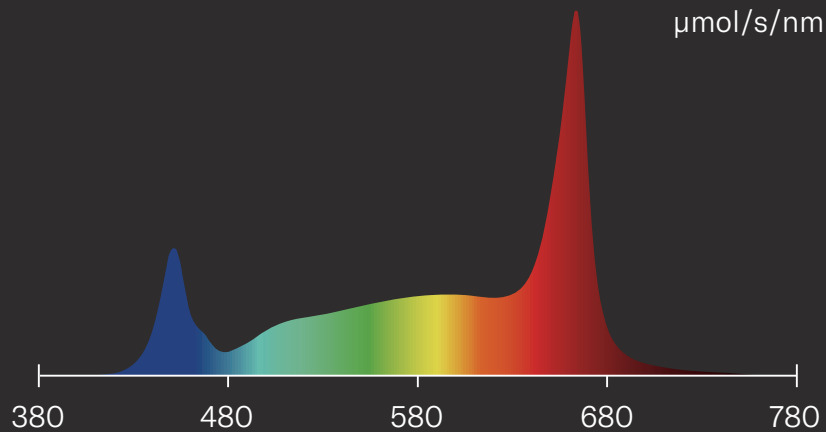
95°F/ 35°C Max.

Certifications

ETL/DLC/CE/TISI

SPECTRUM

R5W



FEATURES

MAXIMUM CROP YIELD AND QUALITY WITH POWERFUL GROW LIGHT

RedLine delivers extremely high light output up to $3200\mu\text{mol/s}$, ensuring optimal crop yield quality.

FULL SPECTRUM LIGHT TO ENHANCE PLANT GROWTH

Mimics sunlight and the spectrum remains consistent during the dimming.

REDUCE USAGE AND MAINTENANCE COSTS

Achieves higher PPE of $3.2\mu\text{mol/J}$ and an extended lifetime of 54000 hours.

DURABLE LENS PROTECTION

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

EASY CONTROL AND USER FRIENDLY

Support 0-10V dimming with a water-proof port and enables group control through a daisy chain design

STREAMLINED INSTALLATION PROCESS

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

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www.flex-star.com

