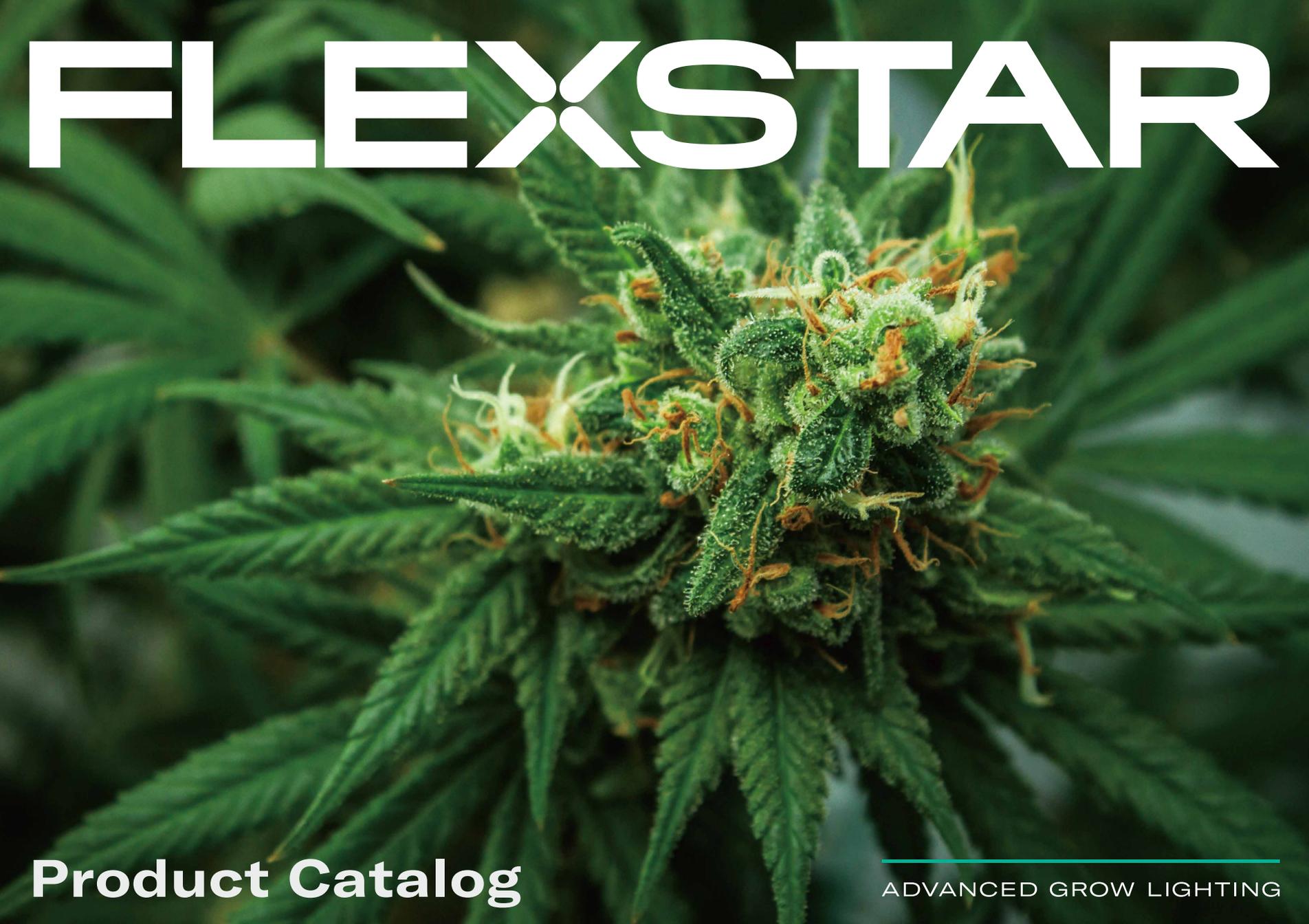


FLEXSTAR



Product Catalog

ADVANCED GROW LIGHTING

INDOOR

TOPLIGHT

SPECIALTY

CONTROL

HID

GROW SYSTEM



REDLINE
400W 645W 800W 1000W
(P1-P2)



NOVA
800W 1200W
(P7-P8)



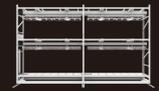
UNDER CANOPY
120W
(P11-P12)



ZEUS X2A
(P23-P24)



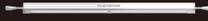
HPS DE
1000W
(P25-P26)



SMART GROW RACK
(P27-P28)



REDLINE SPECTUNE
800W 1000W 1200W
(P3-P4)



LINEAR
300W
(P9-P10)



CLONE LED
9W 18W
(P17-P18)



ZEUS PRO
(P23-P24)



SMART LIGHT LIFTER
(P29-P30)



PRO
430W 645W 720W
800W 1000W
(P5-P6)



LINEAR
630W
(P13-P14)



FR/UV BAR
18W
(P19-P20)



SE
645W 720W
(P15-P16)



PB
120W 240W 480W
(P21-P22)

INDOOR LED GROW LIGHT

THE REDLINE LINE-UP

RedLine 400W

RedLine 645W

RedLine 800W

RedLine 800W XL

RedLine 1000W XL

WHY GO REDLINE?

High Efficiency

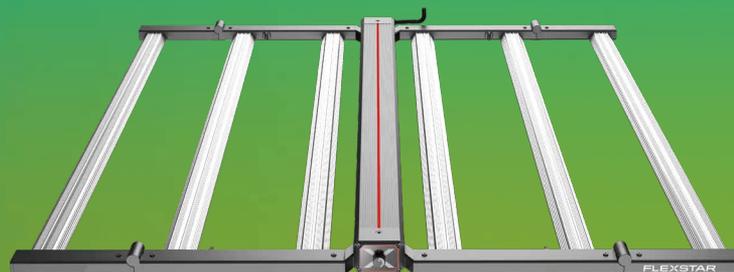
Maximum Crop Yield and
Quality with Powerful
Grow Light

3.2

$\mu\text{mol/J}$

BEST USED FOR

INDOOR AND VERTICAL GROW



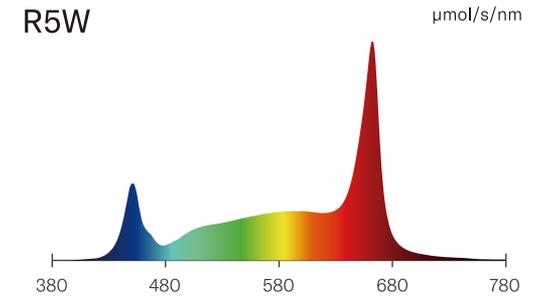
REDLINE LED FEATURES

- RedLine delivers extremely high light output up to 3200 μ mol/s, ensuring optimal crop yield quality.
- Mimics sunlight and the spectrum remains consistent during the dimming.
- Achieves higher PPE of 3.2 μ mol/J and an extended lifetime of 54000 hours.
- The innovative lens design shields LEDs from dust, humidity, and fertilizer spray while preventing accidental contact.
- Support 0-10V dimming with a waterproof port and enables group control through a daisy chain design.
- Features build-in drivers and a foldable design to simplify the installation process and reduce installation time

SPECIFICATIONS

Model	Input Voltage	Input Power	PPF	PPE	Product Dimensions	Coverage
RedLine 400W	120-277V	400W	1280 μ mol/s	3.2 μ mol/J	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	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	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	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	44.5"L x 66.1"W x 2.3"H 112.8 x 167.8 x 5.8cm	4 x 6ft

SPECTRUM



INDOOR LED GROW LIGHT

THE REDLINE SPECTUNE LINE-UP

RedLine Spectune 800W

RedLine Spectune 1000W

RedLine Spectune 1200W XL

WHY GO REDLINE SPECTUNE?

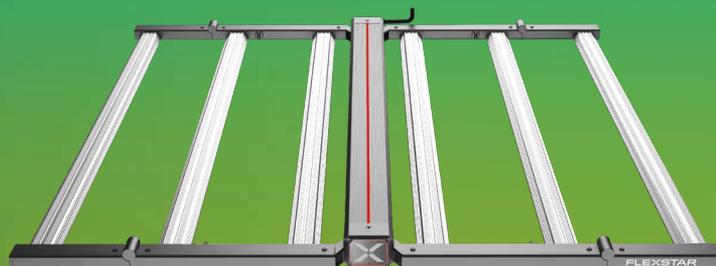
High Efficiency

up to **3.0**
 $\mu\text{mol/J}$

Adjustable Spectrum
for Seamless Transition
Across Growth Stages

BEST USED FOR

INDOOR AND VERTICAL GROW



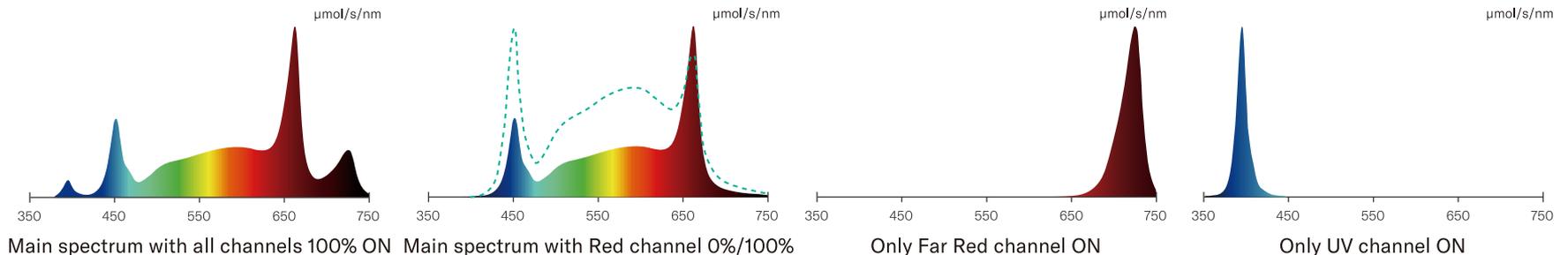
REDLINE SPECTUNE LED FEATURES

- RedLine SpecTune delivers extremely high light output up to 3000 μ mol/s, ensuring optimal crop yield quality.
- Equipped with SpecTune technology, the light features 4-channel spectrum tuning with independent control of Far Red and UV to support various growth stages.
- Achieves higher PPE of 3.0 μ mol/J and an extended lifetime of 54000 hours.
- Support RS485 dimming with a waterproof port and enables group control through a daisy chain design.
- The innovative lens design shields LEDs from dust, humidity, and fertilizer spray while preventing accidental contact.
- Features build-in drivers and a foldable design to simplify the installation process and reduce installation time.

SPECIFICATIONS

Model	Input Voltage	Input Power	PPF	PPE	Product Dimensions	Coverage
RedLine 800W SpecTune	120-277V	800W (Main 680W+FR80W+UV40W)	up to 2040 μ mol/s	up to 3.0 μ mol/J	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)	up to 2500 μ mol/s	up to 3.0 μ mol/J	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)	up to 3000 μ mol/s	up to 3.0 μ mol/J	44.5"L x 66.1"W x 2.3"H 112.8 x 167.8 x 5.8cm	4 x 6ft

SPECTRUM OPTIONS



* 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%.

INDOOR LED GROW LIGHT

THE PRO LINE-UP

Pro 430W

Pro 645W

Pro 720W

Pro 800W

Pro 1000W

Pro 725W UF

Pro 800W UF

WHY GO PRO?

High Efficiency

2.8

$\mu\text{mol}/\text{J}$

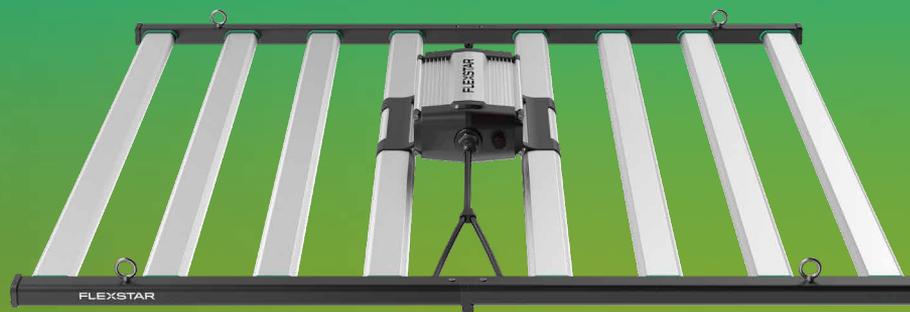
Flexible

Foldable, slim design with detachable driver, perfect for vertical growth.

BEST USED FOR

INDOOR AND VERTICAL GROW

POWERED BY



PRO LED FEATURES

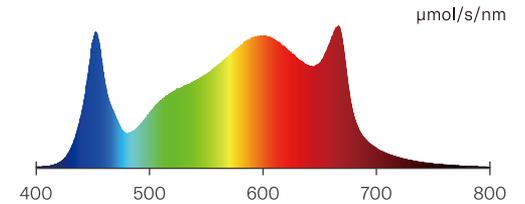
- Multiple LED bars provide uniform PPF/D at various distances and coverage situations.
- PPE 2.8 $\mu\text{mol}/\text{J}$ with Samsung 301B and Osram diodes.
- Dimmable by lights or controller with daisy chain.
- Foldable, slim design with detachable driver, perfect for vertical growth.
- 5-year warranty.

SPECIFICATIONS

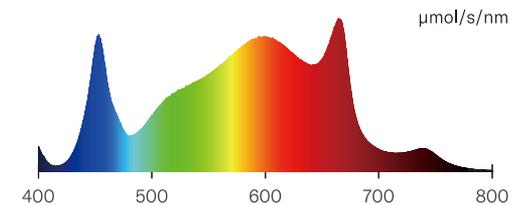
Model	Order Code	PPF	Efficacy	Input Voltage	Input Power	Fixture Dimensions	Weight
PRO 430W R4W	307131	1200 $\mu\text{mol}/\text{s}$	2.8 $\mu\text{mol}/\text{J}$	120V-277V	430W	47.6"L x 27.5"W x 4.1"H 121.4 x 70 x 10.5cm	29.4lb / 13.4kg
PRO 645W R4W	307129	1800 $\mu\text{mol}/\text{s}$	2.8 $\mu\text{mol}/\text{J}$	120V-277V	645W	47.6"L x 43.6"W x 4.1"H 121.4 x 110.8 x 10.5cm	32.6lb / 14.8kg
PRO 720W R4W	307127	2000 $\mu\text{mol}/\text{s}$	2.8 $\mu\text{mol}/\text{J}$	120V-277V	720W	47.6"L x 43.6"W x 4.1"H 121.4 x 110.8 x 10.5cm	37.7lb / 17.1kg
PRO 800W R4W	307133	2200 $\mu\text{mol}/\text{s}$	2.8 $\mu\text{mol}/\text{J}$	200V-277V	800W	47.6"L x 66.45"W x 4.1"H 121.4 x 168.8 x 10.5cm	46.0lb / 20.9kg
PRO 1000W R4W	307123	2800 $\mu\text{mol}/\text{s}$	2.8 $\mu\text{mol}/\text{J}$	200V-277V	1000W	47.6"L x 66.45"W x 4.1"H 121.4 x 168.8 x 10.5cm	48.5lb / 22.0kg
PRO 725W R4WUF	307157	Up to 2000 $\mu\text{mol}/\text{s}$	Up to 2.8 $\mu\text{mol}/\text{J}$	120V-277V	725W	47.6"L x 43.6"W x 4.1"H 121.4 x 110.8 x 10.5cm	37.7lb / 17.1kg
PRO 800W R4WUF	307167	Up to 2200 $\mu\text{mol}/\text{s}$	Up to 2.8 $\mu\text{mol}/\text{J}$	200V-277V	800W	47.6"L x 66.45"W x 4.1"H 121.4 x 168.8 x 10.5cm	48.5lb / 22.0kg

SPECTRUM OPTIONS

R4W



R4UF



TOPLIGHT LED

THE NOVA LINE-UP

NTL 800W R5W NTL 1200W R5W

NTL 800W HB R5W/R9B

NTL 1200W HB R5W/R9B

WHY GO NOVA TOPLIGHT?

High Efficiency

up to **3.7**
 $\mu\text{mol}/\text{J}$

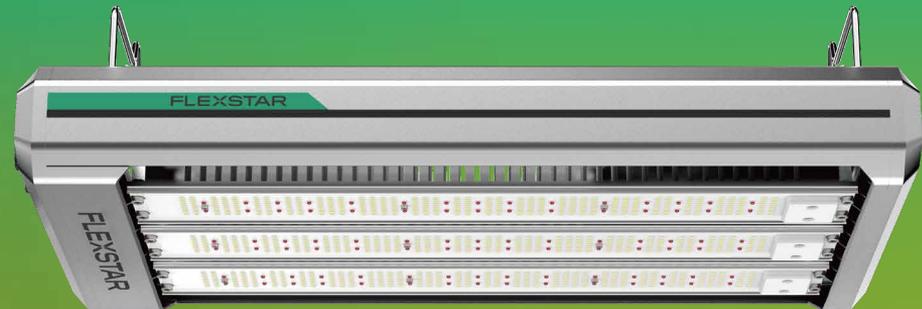
Flexible

Spectral and optical
options

BEST USED FOR

INDOOR AND GREENHOUSES
1:1 HPS REPLACEMENT

POWERED BY



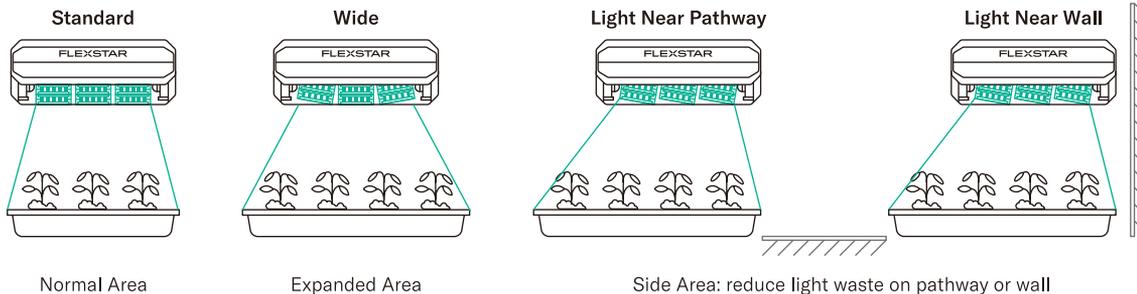
NOVA LED FEATURES

- The light distribution can be adjusted to suit different plant scenes.
- Multiple spectral and optical options, adjustable light distribution.
- PPE up to 3.7 $\mu\text{mol}/\text{J}$ with Samsung 301B and Osram diodes.
- Compact size with minimized shadow in the greenhouse.
- Modular thermal connective design promotes heat dissipation to withstand up to 40°C

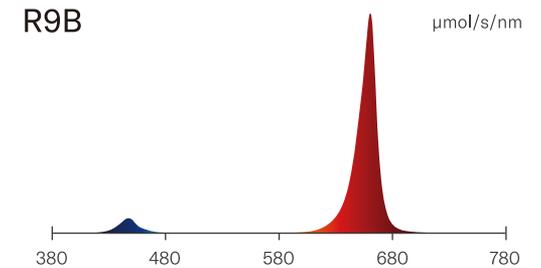
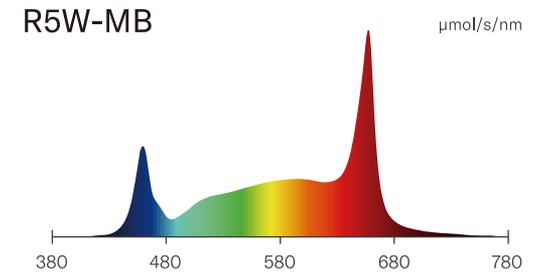
SPECIFICATIONS

Model	Order Code	PPF	Efficacy	Input Voltage	Input Power	Fixture Dimensions	Weight
NTL800W R5W	307630	2240 $\mu\text{mol}/\text{s}$	2.8 $\mu\text{mol}/\text{J}$	120V-277V	800W	23.1"L × 12.5"W × 3.2"H 58.5 × 31.8 × 8.2cm	20.9lb / 9.5kg
NTL1200W R5W	307620	3360 $\mu\text{mol}/\text{s}$	2.8 $\mu\text{mol}/\text{J}$	120V-277V	1200W	33.97"L × 12.5"W × 3.2"H 86.3 × 31.8 × 8.2cm	33lb / 15kg
NTL800W HB- with lens R5W/R9B	307612HB	Up to 2960 $\mu\text{mol}/\text{s}$	Up to 3.7 $\mu\text{mol}/\text{J}$	120V-277V	800W	23.1"L × 12.5"W × 3.2"H 58.5 × 31.8 × 8.2cm	20.9lb / 9.5kg
NTL1200W HB- with lens R5W/R9B	307622HB	Up to 4400 $\mu\text{mol}/\text{s}$	Up to 3.7 $\mu\text{mol}/\text{J}$	120V-277V	1200W	33.97"L × 12.5"W × 3.2"H 86.3 × 31.8 × 8.2cm	33lb / 15kg

ADJUSTABLE LIGHT



SPECTRUM OPTIONS



TOPLIGHT LED

THE LINEAR LINE-UP

LTL 300W (R8W/R9B)

WHY GO LINEAR TOPLIGHT?

High Efficiency

up to **3.7**
 $\mu\text{mol}/\text{J}$

Scalable

Quick extension with simple
daisy-chain wiring

**BEST USED FOR
GREENHOUSES**



POWERED BY



LINEAR LED FEATURES

- Linear design with minimized shadow in the greenhouse.
- PPE up to $3.7 \mu\text{mol}/\text{J}$ with Samsung 301B and Osram diodes.
- Multiple spectral options for different plants.
- Quick extension with simple daisy-chain wiring.
- 5-year warranty.

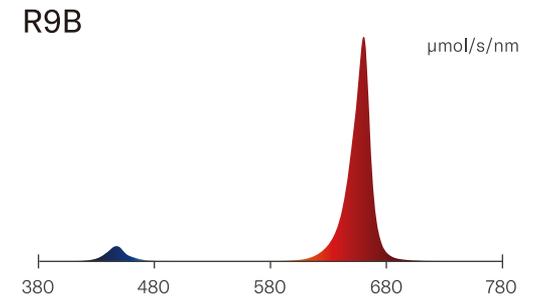
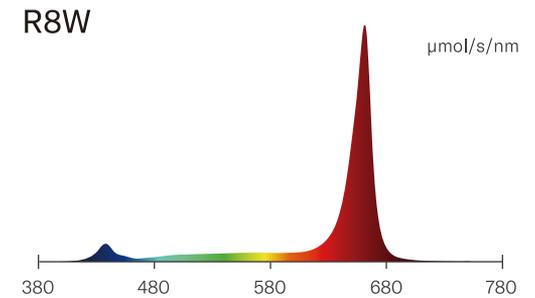
SPECIFICATIONS

Model	Order Code	PPF	Efficacy	Input Voltage	Fixture Dimensions	Weight
LTL 300W (R8W/R9B)	307730	Up to $1110 \mu\text{mol}/\text{s}$	Up to $3.7 \mu\text{mol}/\text{J}$	200V-277V/277V-480V	48.7" L \times 2.4" W \times 2.4" H 123.8 \times 6.2 \times 6.2cm	14.33lb / 6.5kg

PRODUCTS



SPECTRUM OPTIONS



SPECIALTY LED GROW LIGHT

UNDER CANOPY

UCL 120W R5W

UCL 120W R8W

WHY GO UNDER CANOPY?

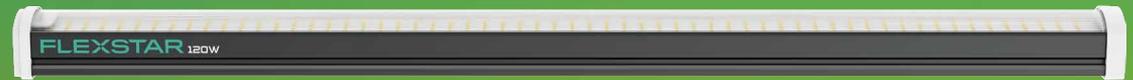
High Efficiency

up to **3.0**
 $\mu\text{mol/J}$

Versatile

Under canopy lighting for higher yields, compatible with downward lighting setups

BEST USED FOR
UNDER CANOPY &
VERTICAL GROW



UNDER CANOPY LED FEATURES

- 120W 4ft LED linear light with high PPE efficacy
- Under canopy lighting for higher yields
- Compatible with top lighting setups
- 0-10V dimming
- Scatter light output for better uniformity and penetration
- Simple and fast to install
- 5-year warranty.

SPECIFICATIONS

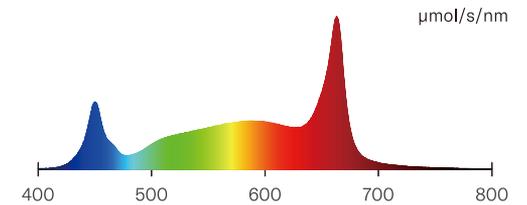
Model	Order Code	Input Voltage	Input Power	PPF	Efficacy	Dimming Voltage	Fixture Dimensions	IP RATING
UCL 120W R5W	307116	120V-277V	120W	330 μ mol/s	2.8 μ mol/J	0-10V	48" x 2.9" x 3.35"	IP66
UCL 120W R8W	307117	120V-277V	120W	360 μ mol/s	3.0 μ mol/J	0-10V	48" x 2.9" x 3.35"	IP66

PRODUCTS

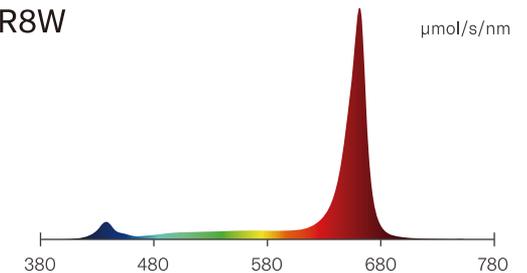


SPECTRUM OPTIONS

R5W



R8W



TOPLIGHT LED

THE LINEAR LINE-UP

LTL 630W R8W LTL 630W R9B

WHY GO LINEAR TOPLIGHT?

High Efficiency

up to **3.7**
 $\mu\text{mol}/\text{J}$

Shadow-free

Linear design with minimized shadow in the greenhouse.

BEST USED FOR GREENHOUSES

POWERED BY



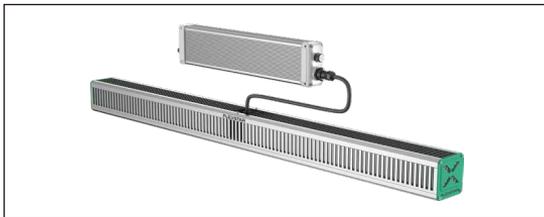
LINEAR LED FEATURES

- Linear design with minimized shadow in the greenhouse.
- PPE up to $3.7 \mu\text{mol}/\text{J}$ with Samsung 301B and Osram diodes.
- Multiple spectral options for different plants.
- 5-year warranty.

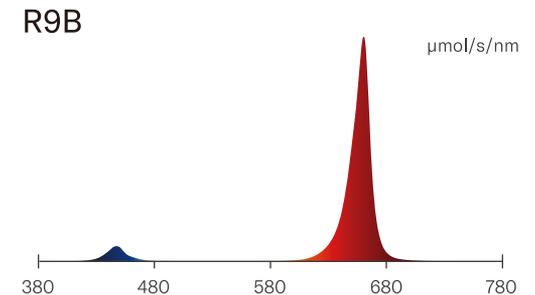
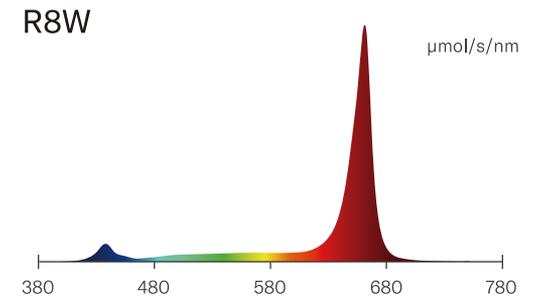
SPECIFICATIONS

Model	Order Code	PPF	Efficacy	Input Voltage	Fixture Dimensions	Weight
LTL 630W R8W	307710	2016 $\mu\text{mol}/\text{s}$	3.2 $\mu\text{mol}/\text{J}$	100V-277V	46.7"L \times 3.3"W \times 3.3"H 118.6 \times 8.5 \times 8.5cm	27.5lb / 12.5kg
LTL 630W R9B	307711	Up to 2330 $\mu\text{mol}/\text{s}$	3.7 $\mu\text{mol}/\text{J}$	100V-277V	46.7"L \times 3.3"W \times 3.3"H 118.6 \times 8.5 \times 8.5cm	27.5lb / 12.5kg

PRODUCTS



SPECTRUM OPTIONS



INDOOR LED GROW LIGHT

THE SE LINE-UP

SE 645W R4W

SE 720W R4W

WHY GO SE?

Economical

2.7 $\mu\text{mol/J}$

Cost Effective

Flexible

Foldable and slim design

BEST USED FOR INDOOR AND VERTICAL GROWING

POWERED BY



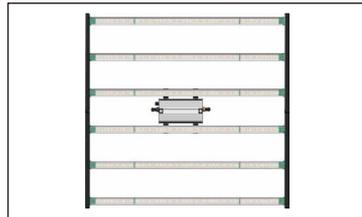
SE LED FEATURES

- PPE up to $2.7\mu\text{mol}/\text{J}$, with Samsung diodes for cost-effective operation.
- Multiple LED bars provide uniform PPF coverage at various distances.
- Dimmable by lights or controller with daisy chain.
- Foldable, slim design with detachable driver, perfect for vertical growth.
- 5-year warranty.

SPECIFICATIONS

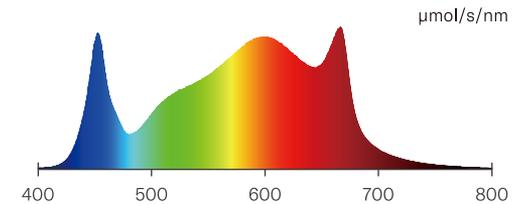
Model	Order Code	PPF	Efficacy	Input Voltage	Input Power	Fixture Dimensions	Weight
SE 645W R4W	307185	$1755\mu\text{mol}/\text{s}$	$2.7\mu\text{mol}/\text{J}$	120V-277V	645W	47.6"L x 43.6"W x 2.63"H 121.4 x 110.7 x 6.7cm	27.6lb / 12.5kg
SE 720W R4W	307186	$1944\mu\text{mol}/\text{s}$	$2.7\mu\text{mol}/\text{J}$	120V-277V	720W	47.6"L x 43.6"W x 2.63"H 121.4 x 110.7 x 6.7cm	31.5lb / 14.2kg

PRODUCTS



SPECTRUM OPTIONS

R4W



SPECIALTY LED GROW LIGHT

THE SPECIALTY LINE-UP

Clone Bar 9W

Clone Bar 18W

WHY GO SPECIALTY LED?

DEDICATED

Different spectrum for special grow stages

Flexible

Fits different applications

BEST USED FOR

SPECIAL GROWTH STAGES OF INDOOR AND VERTICAL GROWING



POWERED BY



SPECIALTY LED FEATURES

- Dedicated spectrum for cloning
- Quick extension with simple daisy-chain wiring.
- 5-year warranty.
- Built in driver and integrated design for easy installation and better operation.
- Slim T5 size fits different applications and cooperates with other grow lights.

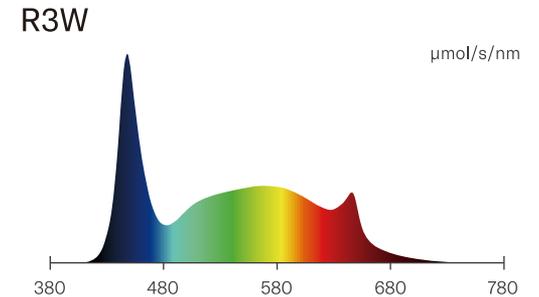
SPECIFICATIONS

Model	Order Code	PPF	Efficacy	Input Voltage	Input Power	Fixture Dimensions	Weight
CLONE LED 9W R3W	307112	18 μ mol/s	2.0 μ mol/J	120V-277V	9W	21.22"L x 1.15"W x 1.46"H 58.3 x 2.9 x 3.7cm	1.32lb / 0.6kg
CLONE LED 18W R3W	307111	36 μ mol/s	2.0 μ mol/J	120V-277V	18W	44.09"L x 1.15"W x 1.46"H 112 x 2.9 x 3.7cm	2.07lb / 0.95kg

PRODUCTS



SPECTRUM



SPECIALTY LED GROW LIGHT

THE SPECIALTY LINE-UP

FR Bar 18W

UV Bar 18W

WHY GO SPECIALTY LED?

DEDICATED

Special spectrum developed specifically for the flowering period to accelerate growth and get more yield.

SMART CONTROL

Lights can be dimmed via a 0-10V controller.

BEST USED FOR

SPECIAL GROWTH STAGES OF INDOOR AND VERTICAL GROWING



FR UV BAR FEATURES

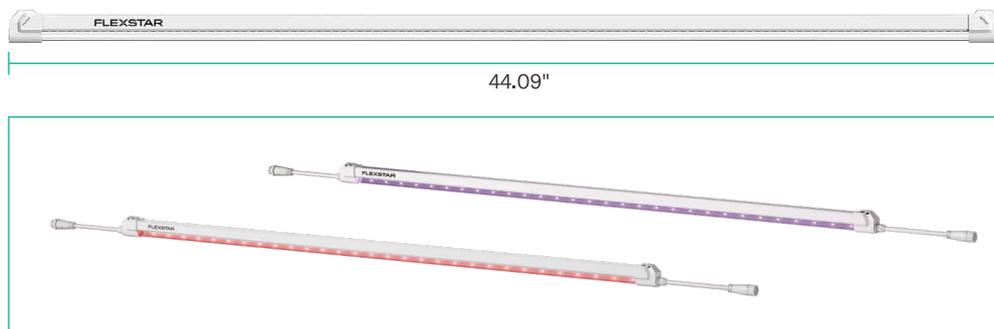
- Special spectrum developed specifically for the flowering period to accelerate growth and get more yield.
- Quick extension with simple daisy-chain wiring.
- 3-year warranty.
- Lights can be dimmed via a 0-10V controller.
- Slim T5 size fits different applications and cooperates with other grow lights.

SPECIFICATIONS

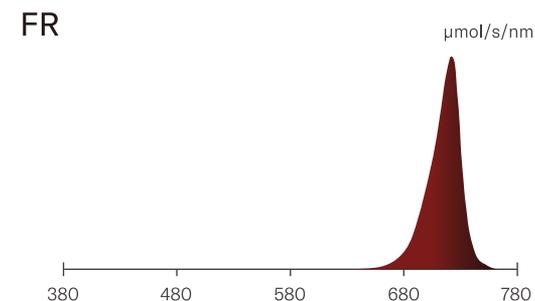
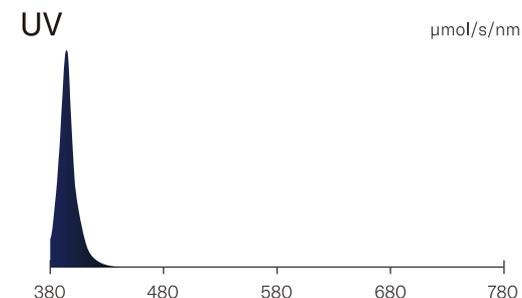
Model	Input Voltage	Input Power	Wavelength	Dimming	Fixture Dimensions	Weight
FR Bar 18W	120V-277V	18W	730nm	0-10V	44.09"L x 1.15"W x 1.46"H 112 x 2.9 x 3.7cm	0.9lb / 0.41kg
UV Bar 18W	120V-277V	18W	395nm	0-10V	44.09"L x 1.15"W x 1.46"H 112 x 2.9 x 3.7cm	0.9lb / 0.41kg

PRODUCTS

FR & UV Bar



SPECTRUM OPTIONS



SPECIALTY LED GROW LIGHT

THE PB LINE-UP

PB 120W R4W PB 240W R4W

PB 480W R4W

WHY GO PB?

Economical

2.4 $\mu\text{mol/J}$

Cost Effective

Diverse

Multiple options for different power requirements, plant sizes, and coverage situations

BEST USED FOR INDOOR GARDENING

POWERED BY



PB LED FEATURES

- PPE up to 2.4 $\mu\text{mol}/\text{J}$.
- Multiple options for different sizes.
- Compact and integrated design.
- Each light is dimmable individually.
- 5-year warranty.

SPECIFICATIONS

Model	Order Code	PPF	Efficacy	Input Voltage	Input Power	Fixture Dimensions	Weight
PB 120W R4W	307191	280 $\mu\text{mol}/\text{s}$	2.4 $\mu\text{mol}/\text{J}$	120V-277V	120W	11.8"L x 11.8"W x 2.2"H 30 x 30 x 5.6cm	3.2lb / 1.5kg
PB 240W R4W	307192	550 $\mu\text{mol}/\text{s}$	2.4 $\mu\text{mol}/\text{J}$	120V-277V	240W	23.5"L x 11.8"W x 4.5"H 60 x 30 x 11.5cm	11lb / 5kg
PB 480W R4W	307193	1100 $\mu\text{mol}/\text{s}$	2.4 $\mu\text{mol}/\text{J}$	120V-277V	480W	23.5"L x 23.5"W x 4.9"H 60 x 60 x 12.5cm	20.9lb / 9.5kg

PRODUCTS

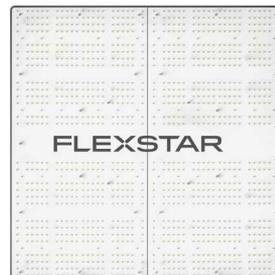
PB 120W



PB 240W

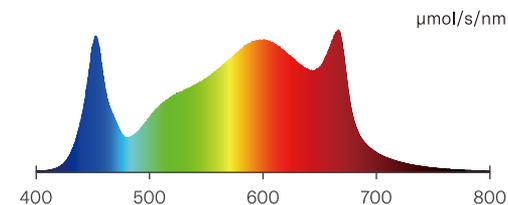


PB 480W



SPECTRUM OPTIONS

R4W



CONTROLLER

ZEUS CONTROLLER

Zeus X2A

Zeus Pro

WHY GO ZEUS?

Intelligent

Intelligent control of lights based on grow stage and environmental data

BEST USED FOR

LED & HID GROW LIGHT CONTROL



ZEUS FEATURES

- Intelligent control of lights based on grow stage and environmental data.
- Complete light control including spectrum tuning and sunrise/sunset, with 10.1" touchable screen.
- Dual channel with independent control for lights and sensors.
- Supports Flexstar LED and HID lights with RS485 and 0-10V.

SPECIFICATIONS

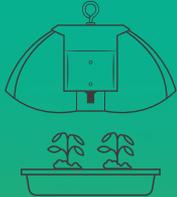
Product	Model	Screen	Compatible Light	Channels	Dimming Range	Number of Light Fixtures	Sensors	Temp. Range	Humidity Range	CO2 Range	Communication	Dimensions	Additional Features
	Zeus X2A	LCD 4.0"	Flexstar LED&HID	Light Channels: 2 Sensor Channels: 2	OFF/25%-100% (LED) OFF/25%-115% (HID)	Up to 80 per Channel	Temp./ Humidity CO2 (Optional)	-20-80°C (-4-176°F)	0-100%	10-5000 PPM	0-10V	138x86.5x25mm 5.43"x3.33"x1.04"	Sunrise/Sunset Auto Dim/Shutdown VPD/LVPD data Spectrum Tuning Data Dashboard OTA Update* Wi-Fi Remote Control* Full-Cycle Light Recipe*
	Zeus Pro	LCD 10.1" Color, Touch	Flexstar LED&HID	Light Channels: 2 Sensor Channels: 2	OFF/25%-100% (LED) OFF/25%-115% (HID)	Over 500 per Channel	Temp./ Humidity CO2 (Optional)	-20-80°C (-4-176°F)	0-100%	10-5000 PPM	RS485/0-10V (Light) RS485 (Sensor)	275x174x54mm 10.83"x6.85"x2.13"	Sunrise/Sunset Auto Dim/Shutdown VPD/LVPD data Spectrum Tuning Full Data Dashboard OTA Update* Wi-Fi Remote Control* Full-Cycle Light Recipe* Local Data Saving HVAC Device Control*

* Under development

HID GROW LIGHT

1000W DE

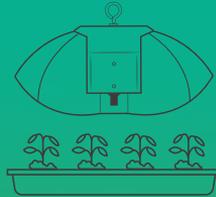
MODE 01
Narrow



MODE 02
Medium



MODE 03
Wide



WHY GO 1000W DE?

Adjustable

Adjustable beam angle
and patented design

Dimmable

Output adjustable to 600,
750, 1000 or 1150 Watts

BEST USED FOR INDOOR HORTICULTURE & GREENHOUSES



PROPRIETARY DESIGN
PATENT NUMBER 9,810,400

1000W DE FEATURES

- A 3-Mode adjustable function, Beam angle and light spread area can be easily adjusted for different usage
- Patented design only offered by FLEXSTAR
- Vega-embossed aluminum; 95% reflective
- Hammered surface design enhances the diffuse reflectance and ensures uniform light output
- 10 ft power cord for flexible positioning
- Compatible with Flexstar controllers
- 3-years warranty.

SPECIFICATIONS

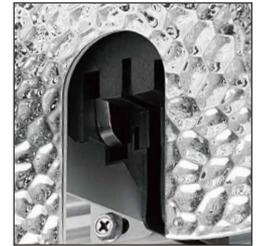
Model	Order Code	Input Voltage	Input Current	Input Power	Fixture Dimensions	Weight	Reflective Material
1000W DE	303833	120V-240V	9.3A-4.6A	1000W	25.1"L x 10.5"W x 4.9"H 63.7 x 26.6 x 12.5cm	14.1/18.7lb 6.4/8.5kg	95% reflective vega aluminum

Dimming Voltage	0-10V	Max.Allowable	75°C/167°F
Min Power Factor	50/60HZ	Lamp Type	Double Ended HPS/ MH LAMP
Voltage range(+/-10%)	108-264V	Lamp Voltage	230V
Min Power Factor	0.99	Operation Frequency	100-120kHz
THD	<10%	Dimming Options	600/750/825/1000/ 1150/EXT

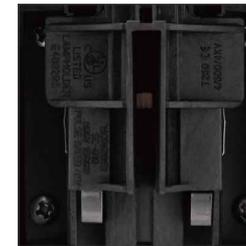
FLEXIBLE SETTINGS



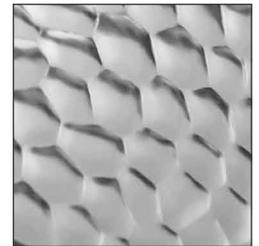
Adjustable Beam Angle



Innovative DE System



UL Listed Socket



High-reflectivity
Vega Aluminum

GROW SYSTEM

SMART GROW SYSTEM

Multilayer Grow System

WHY SMART GROW SYSTEM ?

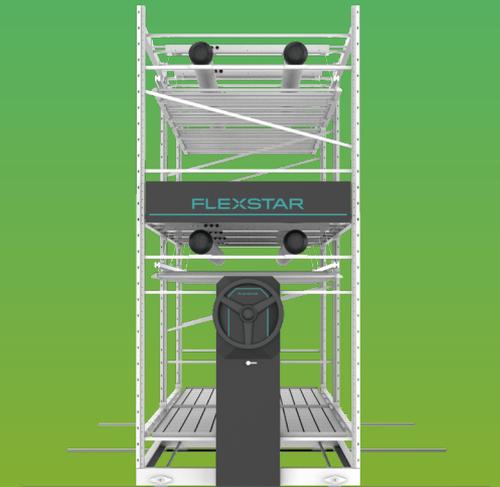
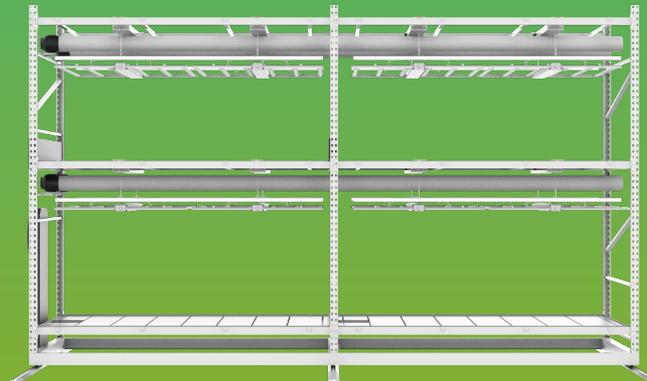
INTEGRATED

Integrated ventilation and lifting system

INTELLIGENT

SMART Controlling function with ZEUS Pro controller

BEST USED FOR
VERTICAL GROW



GROW SYSTEM FEATURES

- Integrated ventilation and lifting system.
- Smart lifting system: The height of the LED light fixtures is allowed to be adjusted up to 1.1 meters.
- Modular design, with the standard model upgradeable to an intelligent lifting version.
- Height can be extended and upgraded.
- Compatible with Flexstar Zeus Pro smart controller.
- Flexible light options

PRODUCT COMPONENTS



GROW SYSTEM

SMART GROW SYSTEM

Smart Light Lifter

WHY SMART GROW SYSTEM ?

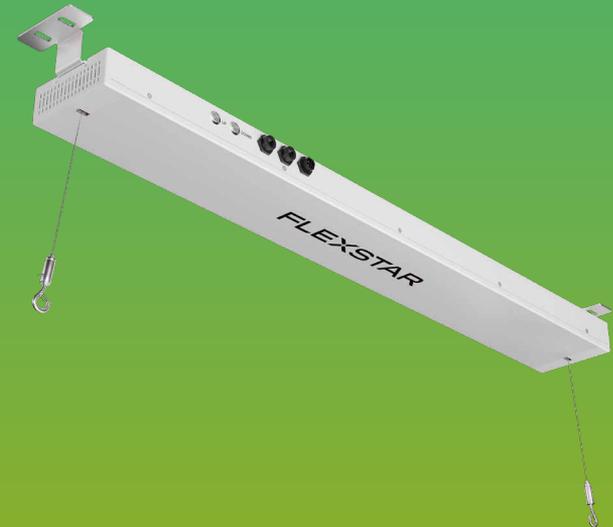
SMART CONTROL

The height can be intelligently controlled by Flexstar Zeus Controller

WIDE APPLICABILITY

Versatile mounting options to adapt to different cultivation applications.

BEST USED FOR
INDOOR GROW



SMART LIGHT LIFTER FEATURES

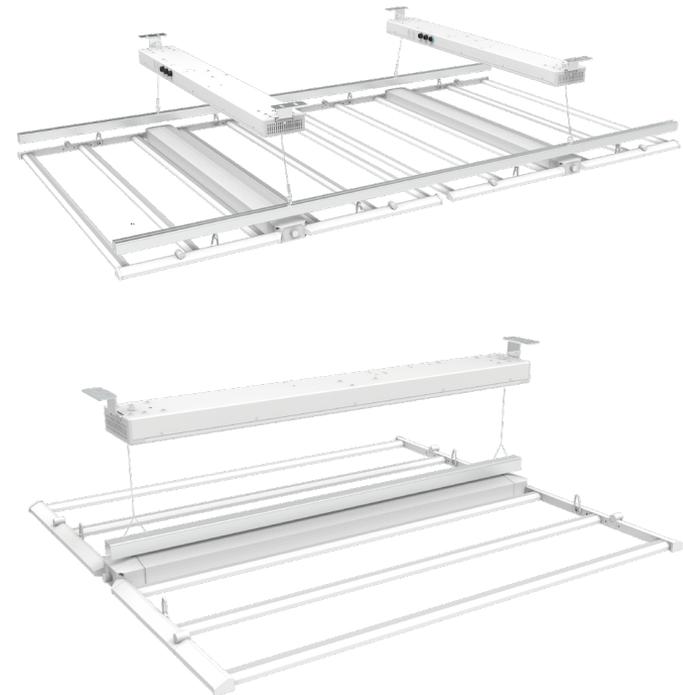
- Adjustable length ensures seamless compatibility with grow racks of various widths available on the market.
- Intelligent height control via the Flexstar Zeus Controller.

- Supports daisy-chaining of over 100 lifters for seamless integrated control.
- Versatile mounting options to adapt to different cultivation applications.

SPECIFICATIONS

Input Voltage	100-277V
Power	50W
Lifting Range (Max to Min)	0.15m-1.25m
Load Capacity	Dynamic Load: ≤40kg Static Load: ≤60kg
Product Dimensions	1198 x 152 x 100mm
Product Weight	4.5kg
Operating Environment	Temperature: 0-40°C/ 32-104°F Humidity: ≤90%
Control	Compatible with Flexstar Zeus Pro controller
Daisy-chain capacity	100 units
IP Rating	IPX4
Ceiling Installation Distance	1150mm-1560mm
Grow Rack Installation Distance	1110mm-1490mm

PRODUCT APPLICATION





ADVANCED INNOVATION

Flexstar offers cutting-edge lighting solutions to maximize growth and yields



PROFESSIONAL

Over 16 years of experience rich in hydroponics with strong R&D competences



SUPERIOR SERVICE

Competitive warranty program and local warehouses for reliable, timely customer service



QUALITY

Top quality standards develop the highest quality products



CUSTOMIZABLE

Flexstar provides adaptable solutions tailored to diverse growing needs

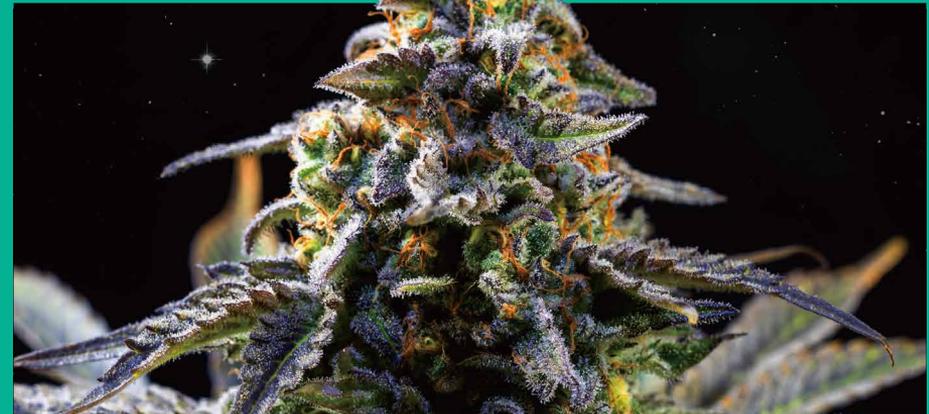


MANUFACTURER EXPERTISE

Direct from manufacturer to customer for better value and support

FLEXSTAR

Product Catalog



ADVANCED GROW LIGHTING

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