

VARIDRIVE

MAXIBRIGHT 

VARIDRIVE

Varidrive by Maxibright is a complete range of high-performance LED fixtures.

From 360W through to the flexible 500W/1000W system, each model delivers consistent full-spectrum output, integrated driver design, and straightforward control, with models designed to efficiently cover grow areas from 0.8m to 1.8m.

Every Varidrive fixture is properly tested using professional spectroradiometric equipment, with verified PPF, PPE and spectral results. No inflated claims. No guesswork.



Quick comparison of Varidrive LED range.

Model	Power	Output (PPF)	Efficacy (PPE)	Coverage
Varidrive 360	360W	1080 $\mu\text{mol/s}$	3.0 $\mu\text{mol/J}$	0.8 x 0.8 - 1.2 x 1.2m
Varidrive 720	720W	2160 $\mu\text{mol/s}$	3.0 $\mu\text{mol/J}$	1.2 x 1.2 - 1.5 x 1.5m
Varidrive 500/1000	500W/1000W	3000 $\mu\text{mol/s}$	3.0 $\mu\text{mol/J}$	1.5 x 1.5 - 1.8 x 1.8m

Backed by decades of lighting expertise, Maxibright focuses on reliability, honest specification, and practical design for growers.

For more info please visit maxibright.co.uk

360



360W full-spectrum LED lighting fixture
1080 $\mu\text{mol/s}$ PPF / 3 $\mu\text{mol/J}$ PPE
Ideal for 0.8 x 0.8m to 1.2 x 1.2m areas
Integrated driver, no external ballast required
Ideal replacement for 600W HPS

Compact 6-bar design 570 x 590 x 43mm
Plug-and-play for easy installation
Onboard dimmer (25-100%) and RJ port
Passive cooling, no fans, no noise
Lightweight 2.9kg

360
WATT

3.0
PPE

1080
PPF

1x1
AREA [m]

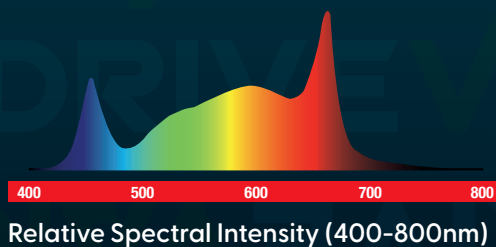
Compact Power BIG RESULTS

A compact, high-efficiency fixture engineered for smaller grow areas. As part of our next-generation Varidrive range, it provides powerful full-spectrum light in a lightweight, space-saving design.

Punching well above its weight, this unit is a perfect replacement for a traditional 600W HPS system, offering comparable light output with greater efficiency and less heat.

The integrated driver removes the need for an external ballast, while onboard dimming and controller connectivity provide precise control and compatibility with external controllers.

Its versatile design makes it a strong choice for small to mid-sized grow spaces, or as a high-performance supplemental light in larger set-ups.



L:590 x W:570 x H:43cm

440	579	642	578	439
626	870	982	867	619
725	1032	1173	1028	718
635	892	1011	894	636
456	601	675	611	459

Photosynthetic Photon Flux Density

Mounting Height: 45cm Test Area: 1m x 1m
 Grid Spacing: 20cm x 20cm Reflection: White Lightite
 Measurement Type: PPFD ($\mu\text{mol}/\text{m}^2/\text{s}$)
 Average PPFD (entire area): 713.86 $\mu\text{mol}/\text{m}^2/\text{s}$

720



720W full spectrum LED lighting fixture
2160 $\mu\text{mol/s}$ PPF / 3.0 $\mu\text{mol/J}$ PPE
Ideal for 1.2 x 1.2m to 1.5 x 1.5m areas
Integrated driver, no external ballast required
Six-bar folding frame 1080 x 1050 x 40mm

Plug-and-play, unfolds and installs in minutes
Onboard dimmer (25-100%) and RJ port
Passive cooling, no fans, no noise
Weight 4.5kg

720
WATT

3.0
PPE

2160
PPF

1.5x1.5
AREA [m]

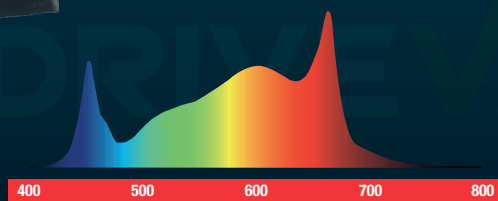
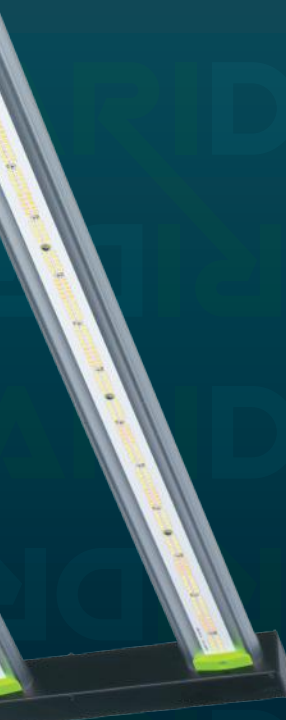
High Performance **INTEGRATED POWER**

A high-output fixture designed for efficient, uniform canopy coverage and straightforward installation.

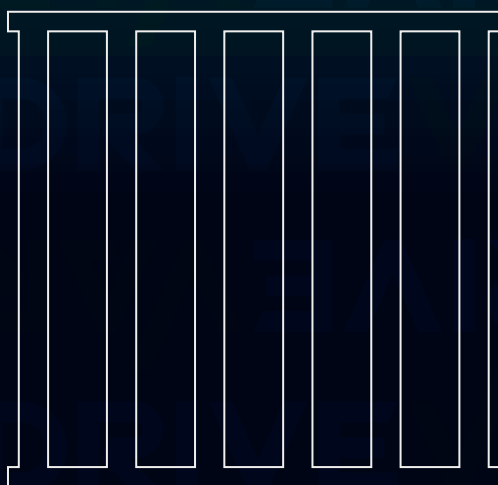
As the flagship model in the next-generation Varidrive range, the 720W delivers powerful full-spectrum light across 1.5 x 1.5m grow areas.

Ideal for larger tents or multi-light grow rooms, the integrated driver and foldable frame make setup quick and hassle-free, while onboard dimming allows output to be adjusted as plants develop, or easily linked to an external controller via the RJ port.

A strong all-rounder for growers seeking high performance and simple operation.



Relative Spectral Intensity (400-800nm)



L:1080 x W:1050 x H:43cm

400	550	610	554	400
614	893	990	894	613
719	1042	1157	1043	711
637	924	1023	922	624
432	597	661	600	429

Photosynthetic Photon Flux Density

Mounting Height: 50cm Test Area: 1.5m x 1.5m
 Grid Spacing: 30cm x 30cm Reflection: White Lightite
 Measurement Type: PPFD ($\mu\text{mol}/\text{m}^2/\text{s}$)
 Average PPFD (entire area): 721.5 $\mu\text{mol}/\text{m}^2/\text{s}$

500 | 1000



1000W (500Wx2) full-spectrum LED grow lights
3000 $\mu\text{mol/s}$ PPF / 3 $\mu\text{mol/J}$ PPE
Ideal for 1.5 x 1.5m to 1.8 x 1.8m areas
Integrated driver, no external ballast required
8-bar frame 1040 x 1090 x 40mm
Split design, one 1000W or two 500W fixtures

Linkable system, expand with a third unit or more
Plug-and-play for easy installation
Onboard dimmer (25-100%) and RJ port
Passive cooling, no fans, no noise
Weight 7.6kg

1000
WATT

3.0
PPE

3000
PPF

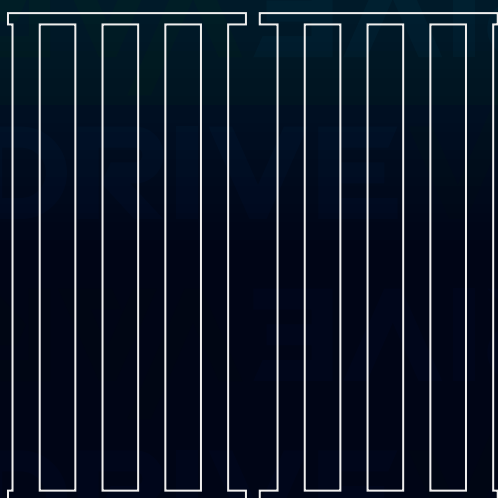
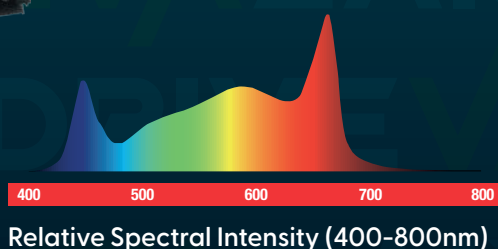
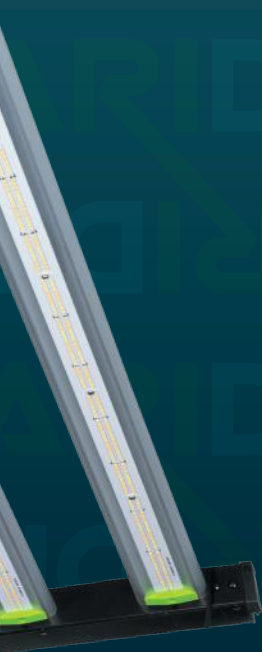
1.8x1.8
AREA [m]

One Fixture TWO FUNCTIONS

A high-output, flexible fixture designed for large grow areas. At the top of the Varidrive range, the 1000W provides powerful full-spectrum light with adaptable deployment.

Its modular design allows the unit to run as a single powerful fixture or split into two independent lights, offering greater freedom when planning layouts or expanding rooms.

Integrated drivers and onboard dimming keep control simple and installations clean. Ideal for large canopies or multi-zone setups where flexibility matters.



Complete Unit L:1040 x W:1090 x H:40cm
Single Unit L:520 x W:1090 x H:40cm

548	748	829	750	555
769	1087	1211	1085	773
865	1242	1391	1245	873
783	1106	1237	1110	782
570	775	860	783	572

Photosynthetic Photon Flux Density

Mounting Height: 60cm Test Area: 1.5m x 1.5m
Grid Spacing: 30cm x 30cm Reflection: White Lightite
Measurement Type: PPFD ($\mu\text{mol}/\text{m}^2/\text{s}$)
Average PPFD (entire area): 902.12 $\mu\text{mol}/\text{m}^2/\text{s}$

Specifications reflect the latest upgrade. Earlier units may be rated at 2.7 $\mu\text{mol}/\text{J}$ and 2700 $\mu\text{mol}/\text{s}$.

LED Controller

The Maxibright Universal Lighting Controller gives you complete command of your LED environment from one central unit. Compatible with any 0–10V dimmable fixtures, including the full Varidrive range.

It enables precise dimming, automated scheduling and smooth sunrise and sunset simulation for consistent lighting throughout the grow cycle.

Integrated temperature monitoring adds intelligent protection, automatically reducing output or shutting down fixtures if environmental limits are exceeded.

Easy to use. Total control.



PAR Meter

The Maxibright Quantum PAR Meter measures real plant-usable light with professional accuracy.

Providing precise PPF readings in $\mu\text{mol m}^2/\text{s}$, it allows you to validate fixtures, compare performance, and optimise light placement with confidence.

With $\pm 1 \mu\text{mol/m}^2/\text{s}$ repeatability, a wide measurement range and simple calibration, it provides dependable data without complication.

Lightweight, tripod compatible and ready to use straight out of the box.

Backed by Maxibright's reputation for transparency and performance, the Quantum PAR Meter empowers users to test any grow light, ours or others and see the numbers for themselves.



Grow Brighter

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