



**FOOD
AUTONOMY**
Horticultural lighting

Flexi-Grow Max

Transformative Lighting
For Extraordinary
Harvesting



**A REVOLUTIONARY
MODULAR
GREENHOUSE
TOPLIGHT TAILORED
TO YOUR NEEDS**

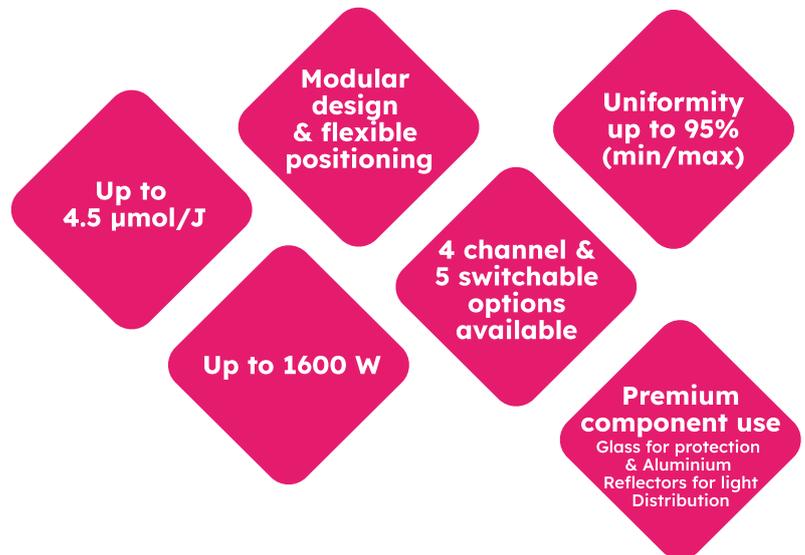
TRANSFORM, OPTIMIZE, EXCEL: THE POWER OF PRECISION GROWING

Flexi-Grow Max Toplight has been designed to fulfill different needs on the market. Our 800 W single module is the most cost-effective replacement for traditional High Pressure Sodium (HPS) luminaires, whereas our double module provides more than twice as much light as HPS. Therefore, fewer LED grow lights are needed to achieve the required PPF (photosynthetic photon flux density).

This innovative Toplight model is equipped with special wide beam optics and durable glass lens, avoiding discoloration and enabling easy cleaning. This results in the most uniform light distribution, ensuring your plants receive the perfect illumination they need to thrive. We offer you customized lighting design, and flexible mounting solutions in order to maximize the yield and to make sure your plants grow evenly.

We are flexible in meeting your demands for lighting up your greenhouse.

- **Optimized for investment:**
to balance energy consumption and light output.
- **Optimized for operational cost:**
to power the greenhouse with the highest efficiency grow lights.
- **Maximized for light output:**
to achieve the best quality, yield and nutritional value.



CULTIMESH[®]
Wireless mesh platform

**Integration With
Climate Computer
Or Used Independently**



The offered grow light complemented with our own Cultimesh wireless system will take your greenhouse operations to the next level!

Cultimesh is a super fast wireless system with high reliability, that gives you the opportunity to

- control thousands of grow lights and get feedback from them
- track the robots and workers in the greenhouse
- monitor universal data from the grow lights

**and many more features, that are described on
foodautonomy.org**

**REVEAL YOUR GROWING
POTENTIAL TODAY**

**Contact us for a customized lighting solution
info@foodautonomy.org**

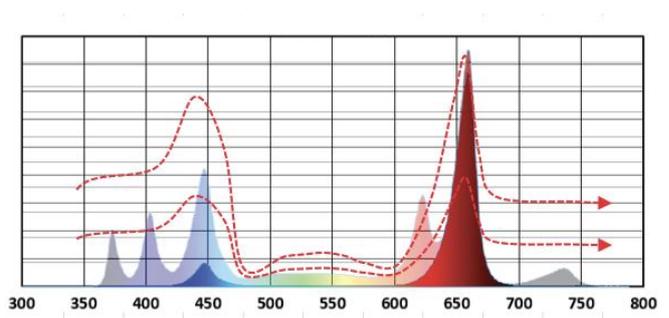
Key Product Features

- ▶ Modular System - 3 Module Version Available On Request
- ▶ 4-Channel Option With Wireless Dimming
- ▶ Slim Design For Minimal Shading
- ▶ Life Time L90 >50000h (Ta=25°C)
- ▶ Operating Environment: 0°C to +40°C
- ▶ Remote Driver
- ▶ Glass Lens For Sustainable Light Transmission
- ▶ Wide Beam Optics
- ▶ Passive Cooling
- ▶ Flexible Mounting Options For High Uniformity
- ▶ Simple Hanging System For Easy Installation
- ▶ 230/400 VAC Driver, Pf>0.98
- ▶ IP66, IK08 Rated
- ▶ Regulatory Approvals CE, RoHS

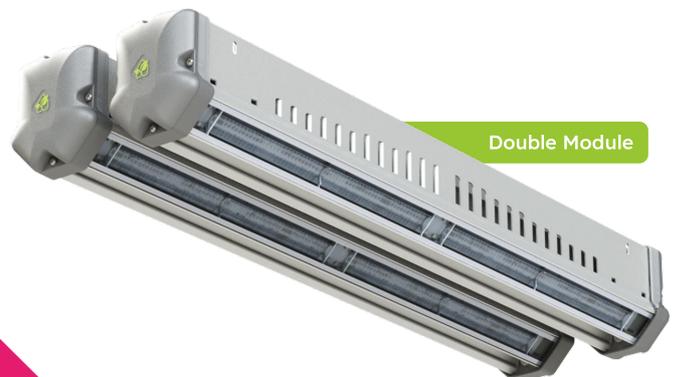
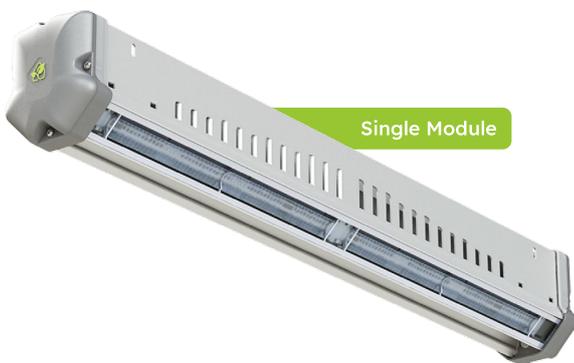
Customizable Spectrum

Drawing upon years of experience, extensive research, and collaboration with crop advisors, we are ready to assist you in choosing the most suitable spectrum for your crops.

Furthermore, we are able to manufacture 4-channel grow lights as well to provide the most beneficial light intensity and spectrum adapted to the growth phase of your plants.



Modular system



**Cost-Efficient
Excellence: More
Growth Power
With Fewer
Fixtures**



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Flexible Mounting Solutions

Various hook or bracket system options available for the installation and connection of this product.

On request individual mounting solutions may also be worked out including customized layout design tailored to the specifications of your greenhouse.

**Ease of
installation**



**Adaptable
positioning
and mounting
options**



**Connect
with us!**

FOR MORE INFORMATION:
foodautonomy.org
info@foodautonomy.org



**Less
shading**

