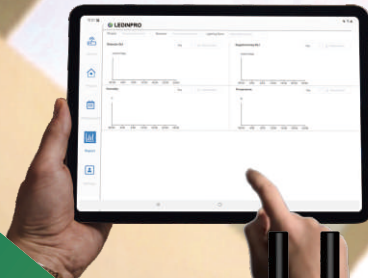




MarsEVOL



# SOLIFY MAX

▶ For Greenhouse Farm

## Product Features:

- **High Performance:** Higher PAR value, faster growth and more harvest ; PPFD reaches 1000-1500 $\mu\text{mol}/\text{m}^2/\text{s}$
- **Long Warranty:** Longer warranty 6 years (design lifespan at Q90 60,000 hours)
- **With Smart Control:** Smart lighting management system with automatic dimming linked with DLI is optional, APP with PAD provide together.
- **Easy Control:** HarveStation - smart control system can wirelessly control up to 40 lighting zones, one lighting zone can control up to 300pcs SOLIFY MAX.

- **P** Input Power: 840W
- Efficiency: 2.8  $\mu\text{mol}/\text{J}$
- Protection Level: IP66
- Dimming Type: 0-10V
- Beam Angle: 110°
- Cooling Type : Passive



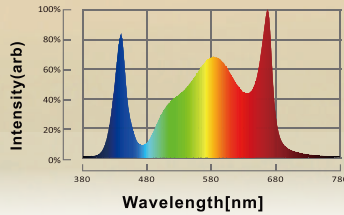
CB CE RoHS

— MarsEVOL LIGHTING

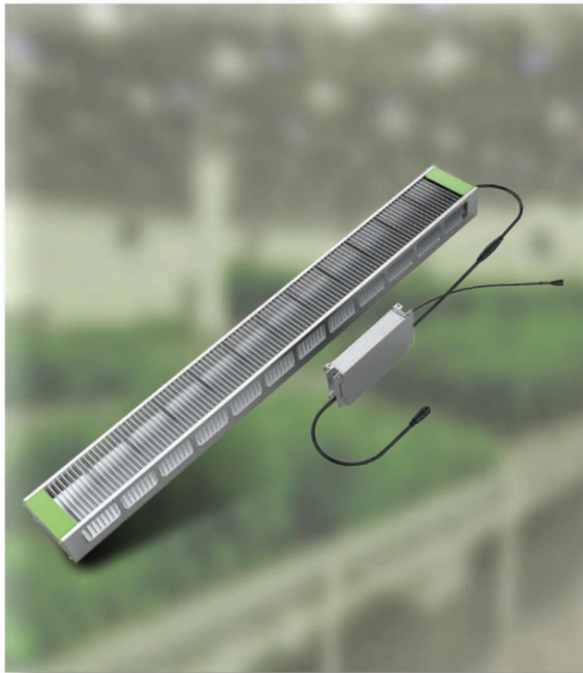
LED: Samsung White + Osram Red  
Body: Aluminum + Tempered glass



Inventronics Driver  
Weight: 7.69lb/3.5kg



Full spectrum with deep red peak.  
Contains wavelengths between 400-700nm.  
Drastically enhance energy at 660nm.  
Meets the needs of most plant growth.



### PARAMETERS

	North America	Europe	Europe	Europe
Type No.	446-0008	446-0006	446-0007	446-0009
Power	840W	840W	840W	840W
Efficiency	2.5µmol/J	2.5µmol/J	2.5µmol/J	2.8µmol/J
PPF	2100µmol/s	2100µmol/s	2100µmol/s	2352µmol/s
BTU	2866.20	2866.20	2866.20	2866.20
Voltage	100-277VAC	100-240VAC	277-480VAC	100-240VAC

### AMPERAGE BY VOLTAGE OVERVIEW

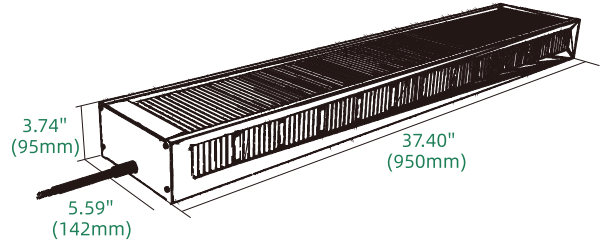
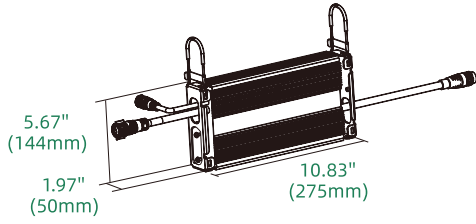
	North America	Europe	Europe	Europe
Type No.	446-0008	446-0006	446-0007	446-0009
120V	7.00A	/	/	/
230V	/	3.65A	/	3.65A
277V	3.03A	/	/	/
400V	/	/	2.1A	/

### PLUGS AT DIFFERENT VOLTAGES

North America			Europe	
125V	250V	277V	230V	
5-15P	6-15P	7-15P	L7-15P	



## DIMENSIONS



## PRODUCT ACCESSORIES



### 446-A-0009

M16 end cap for dimming power cable (for male connector).



### 446-A-0005

North America version Dimming power cable 6.56 feet 2\*18AWG, 2pin, female connector.



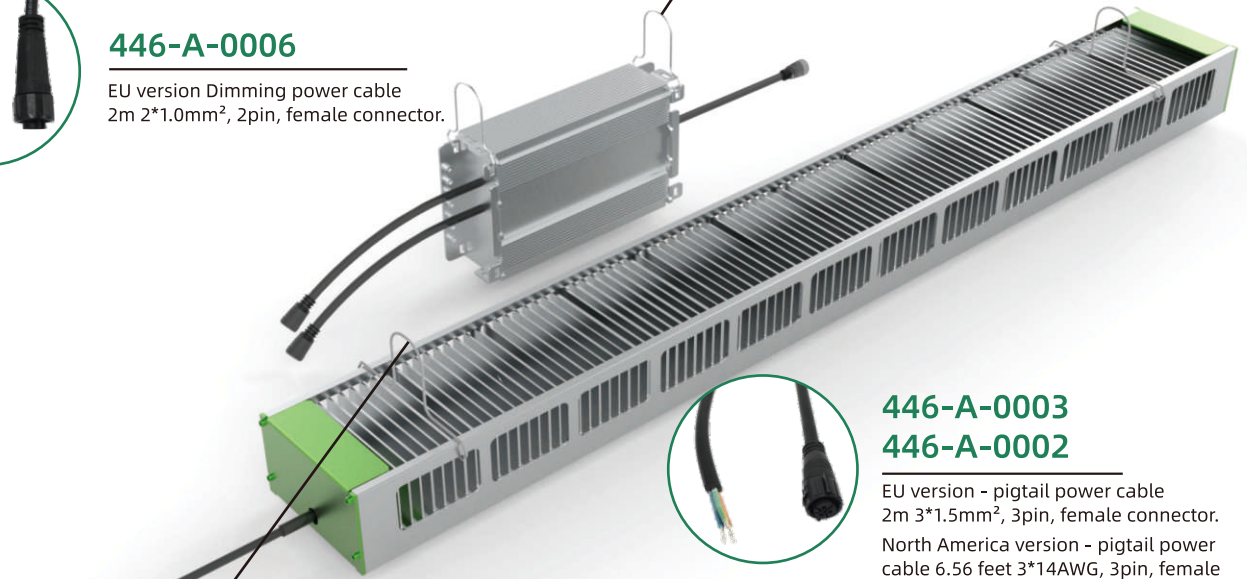
### 446-A-0006

EU version Dimming power cable 2m 2\*1.0mm<sup>2</sup>, 2pin, female connector.



### 446-A-0008

"U" shape stainless hook for driver suspending installation (1 pair).



### 446-A-0007

stainless hook for lamp body suspending installation (1 pair).



### 446-A-0003 446-A-0002

EU version - pigtail power cable 2m 3\*1.5mm<sup>2</sup>, 3pin, female connector.  
North America version - pigtail power cable 6.56 feet 3\*14AWG, 3pin, female connector.



### 446-A-0001

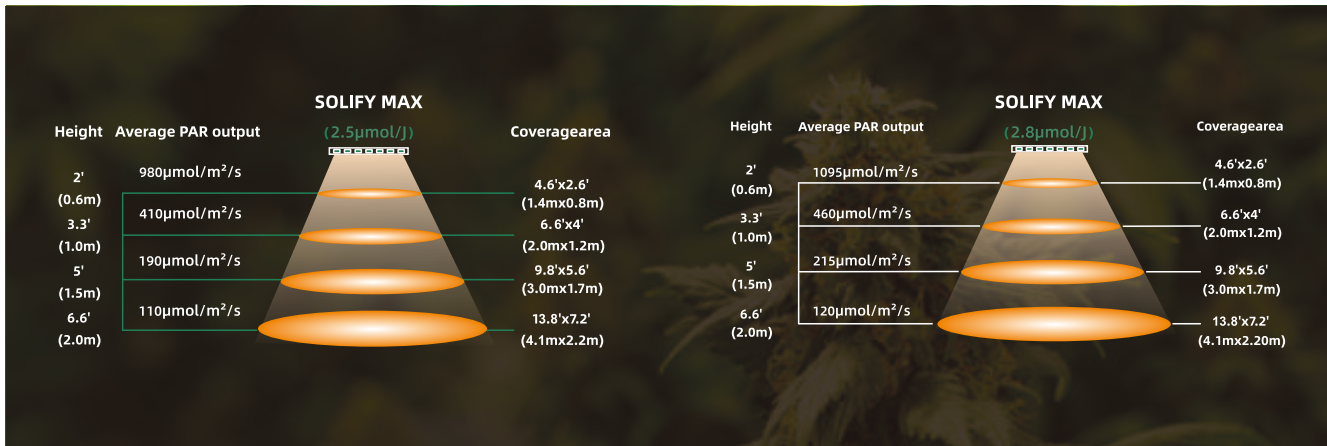
North America version power cable 6.56 feet 3\*14AWG, 3pin, female connector, 5-15P.



### 446-A-0004

EU version power cable 2m 3\*1.5mm<sup>2</sup>, 3pin, female connector+EU version plug.

# PHOTOSYNTHETIC PHOTON FLUX DENSITY





**MarsEVOL**

## ABOUT US>>

MarsEVOL was established in 2006, 17 years of professional optoelectronic design and manufacturing experience;

With the concept of "LED-Innovation-Profession", which is one of the earliest LED lighting design manufacturers. The current product line covers Industrial and Commercial lighting, Aquarium lighting, Horticulture lighting, poultry lighting, and various professional control systems, such as Wifi, Bluetooth mesh, Zigbee.

Now MarsEVOL's solution was applied in numerous projects all over the world at all scales.



### Deep Cultivation And Scientific Research

Professional R&D team, including a structural team, an electronic team, an optical team, an engineering process team, a software team, and a testing team.



### Advanced Production Equipment

Full set of optical and electrical laboratories, as well as advanced factory equipments.



### Strong Enterprise Strength

The earliest VDE certification was obtained in 2007. Up to now, the certifications have VDE, UL, ETL, ENEC, TUV, CE, FCC., EMC,LVD, RoHS, KC, SAA, CB and so on.



### Strict Quality Control

ISO9001 quality control system, with IQC, IPQC, OQC teams and processes.



### Numerous Patents

Hundreds of patents (Continue to be updated)

## ABOUT OUR SMART CONTROL SYSTEM

**1-HarveStation** is combined by the PAD, Host controller, Par detector, Dimming Controller and Dimming Amplifier. It supports DLI automatic management, controls the dimming of fixture and develops detailed lighting strategies.

It supports lighting partition control, full cycle control, sunlight DLI data statistics, temperature and humidity data statistics. It can effectively balance sunlight and artificial lighting and save lighting energy consumption to the maximum extent.

Statistics can help growers better improve their lighting strategies and gain more productivity.



**2-Compact Dimming Controller**, two channels can be set, each channel can connect up to 25 lamps;

This compact dimming controller equipment includes a 100~240Vac power adapter, a dimming signal cable + pigtail dimming power cable (total length 2.5 meters/ 8.2 feet);

