



MarsEVOL



PARSYS GRO

► For indoor / single or multi-layer

Product Features:

- The adjustable lifting cable installation kit is convenient to operate and makes it possible to adjust the height of the lights quickly and labor-saving.
- Designed for indoor plants cultivation. Outstanding uniformity of light irradiation in 4'x4'(1.2mx1.2m) area, providing adequate PAR for plants cultivation.
- High efficiency & competitive prices, for both hobbyists and commercial projects.

-  Protection Level: IP66
-  Beam Angle: 120°
-  Warranty: 5 Year
-  Dimming Type: 0/1-10V



CB CE RoHS

— MarsEVOL LIGHTING

PRODUCT SPECTRUM



PRODUCT PARAMETERS

	Type NO.	Power	Efficiency	PPF	BTU	Spectrum	Dimming	Voltage	LED
North America	380-0015	320W	2.4 μ mol/J	768 μ mol/s	1091.89	FS-Cult	1-10V	100-277VAC	Samsung 3030 4000K+ Osram 3030 660nm3030
Europe	380-0018	310W	2.4 μ mol/J	744 μ mol/s	1057.76	FS-Cult	0-10V	100-240VAC	Samsung 3030 4000K+ Osram 3030 660nm3030

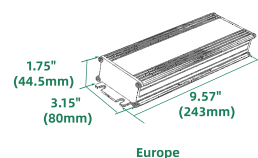
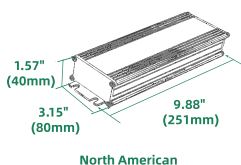
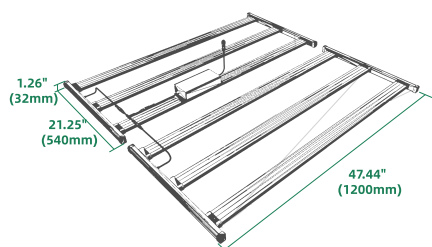
AMPERAGE BY VOLTAGE OVERVIEW

	VOLTAGE(AC)	120V	208V	230V	277V	348V	480V
North America	380-0015	2.58A	1.49A	/	1.12A	/	/
Europe	380-0018	/	/	1.35A	/	/	/

PLUGS AT DIFFERENT VOLTAGES

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

PRODUCT DIMENSIONS



Body: Aluminum+PC Weight: 66.14lb/30kg
 Package Dimensions: 51.18"x22.05"x11.02"(1300X560X280mm) [3 sets (6 modules)]

PRODUCT ACCESSORIES



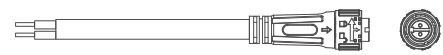
North America Version Power Cable 6.56' 5-15P 125V (380-A-0001)



North America Version Dimming Power Cable 6.56' (380-A-0002)



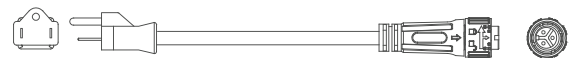
Europe Version Power Cable 2m (380-A-0030)



Europe Version Dimming Power Cable 2m (380-A-0004)



Europe Version Pigtail Power Cable 2m (380-A-0032)



North America Version Power Cable 6.56' 5-15P 250V (380-A-0005)



Stainless clips for suspending installation(1set=4pcs) (380-A-0011)



Clips for driver installation(1 pair) (380-A-0015)



Suspending connection kits for double modules (2 pcs interconnection stainless clips, 4 pcs stainless clips, 2 pcs 16.4'(5m) adjustable stainless lifting cable) (380-A-0035)



Suspending connection kits for double modules (2 pcs interconnection stainless clips, 4 pcs stainless clips, 2 pcs 16.4'(5m) adjustable steel wire lifting cable with pulley) (380-A-0034)



Adjustable installation kits suitable for shelves (380-A-0013)



Waterproof end cap for Dimming T-shape junction cable (380-A-0021)



Waterproof end cap for Dimming power cable (380-A-0022)

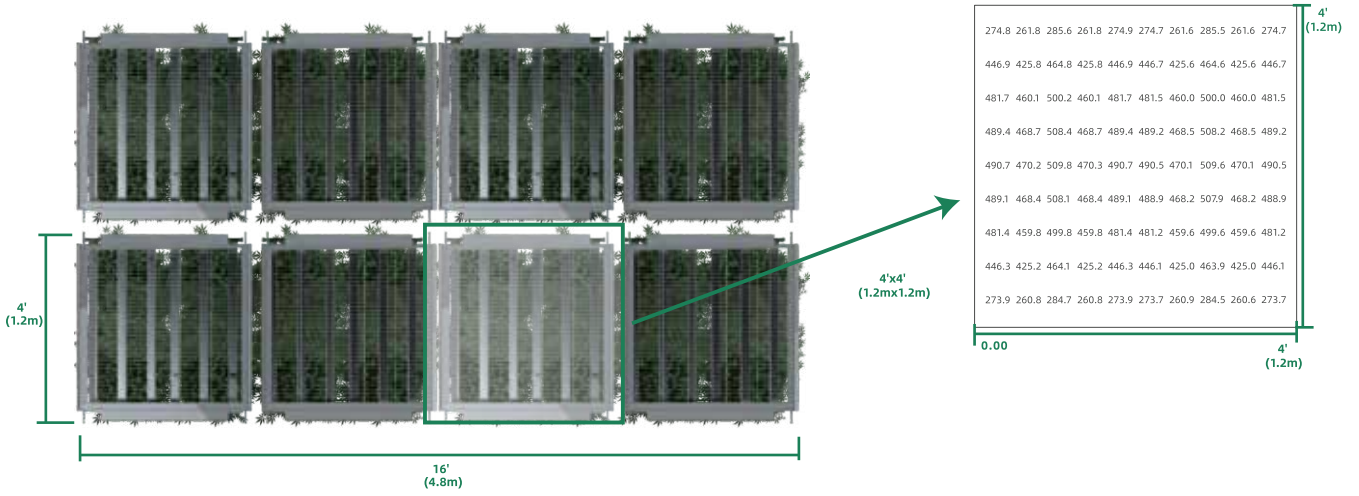


Hook for driver install on the shelves (1 pair) (380-A-0025)

APPLICATION SCENARIOS



Application case of Parsys Gro for plants cultivation.
 Parsys Gro with 310W installed in an area of 4'x4'(1.2mx1.2m)
 4'x4'(1.2mx1.2m) PAR value map captured from a complete planting area.
 This application diagram displays 2 grow tables with dimension 16'x4'(4.8mx1.2m).
 Above each grow table there installed 4 sets of Parsys Gro (8 modules in total).
 The distance between fixtures and plant canopy is 0.49' (15cm).





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);

