PROFESSIONAL LED SOLUTIONS FOR COMMERCIAL CROP CULTIVATION.

Mars Hydro provides cost-effective LED lighting solutions for indoor and greenhouse cultivators, help you get higher-quality yields, and increase revenue per square foot.

Website : www.mars-hydro.com

FC SERIES

High Light Efficiency Big Yields

- Efficient Samsung and Osram LEDs
- Uniform PPFD distribution, PPE up to 2.8umol/j
- Average Yield up to 3.0g/w
- Exclusive spectrum - best performance for flower
- For growers who require High quality results and high returns

Indoor+Vertical

FC-E SERIES

Even Light Distribution Optimal Uniform Crop

- Quality Bridgelux LEDs
- Even PPFD distribution
- Detachable light bars allow free adjustment
- Average Yield up to 2.8g/w
- For growers who have limited budget but require high returns

Indoor+Vertical

SP SERIES

High Penetration Optimal Heat Dissipation

- Dense LEDs arrangement & excellent penetration
- Large-area aluminum heat sink
- Slim body design minimizes shadow on plants
- Average Yield up to 2.8g/w
- Ideal for tall plants and greenhouse supplemental lighting

Tall Plants+Greenhouse

TS SERIES

Best Budget Light Patented Reflector Design

- Latest SMD chip technology
- Unique reflective Aluminum Hood design
- Average Yield up to 2.5g/w
- For growers who have limited budget and stable production requirements.

Indoor+Veg Room

BEST COMMERCIAL LIGHT

FC SERIES

High-quality Samsung LED, designed for single canopy or multi-tier cultivators, bring the best uniform crop, maximum yields

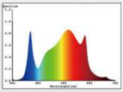
SAMSUNG HORTICULTURE LED Illuminated

- 2.8 μmol/j Market-leading PPE
- Samsung 301 & Osram
- Uniform Lighting
- 3.0g/w Max Yield
- Daisy-Chain Dimming

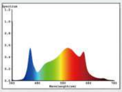
MARSHYDRO

Mars FC Specifications

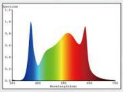
Model	LEDs Chips	Spectrum	PPF (100V-277V)	Input Power	HPS/MH Replace	Input Voltage	Amperage	Optimize Coverage	Dimensions Net Weight
FC-3000 MeanWell	896pcs Samsung LM301 OSRAM	380-410nm 660-665nm 730-740nm 2800-3000K 4800-5000K	827umol/S@AC120V	300W±5% @100-277V	400W	100-277V	2.455A@AC120V 1.230A@AC240V 1.078A@AC277V	3.5ft × 3.5ft 1.1m × 1.1m	580*520*81.5mm 4.37kg
FC-4800 Commercial	2016pcs Samsung LM301 OSRAM	380-410nm 650-665nm 730-740nm 2800-3000K 4800-5000K	1347umol/S@AC120V	480W±5% @AC120-277V	600W	100-277V	3.995A@AC120V 2.024A@AC240V 1.780A@AC277V	4ft × 4ft 1.2m × 1.2m	830*820*100.5mm 8.8kg
FC-6500 Commercial	2688pcs Samsung LM301 OSRAM	650-665nm 2800-3000K 4800-5000K	1870umol/S@AC120V 1858umol/S@AC240V 1837umol/S@AC277V	680W±5% @AC120-277V	1000W	100-277V	5.651A@AC120V 2.825A@AC240V 2.456A@AC277V	5ft × 5ft 1.5m × 1.5m	1130*1120*93MM 12.8kg



FC 3000 Spectrum



FC 4800 Spectrum

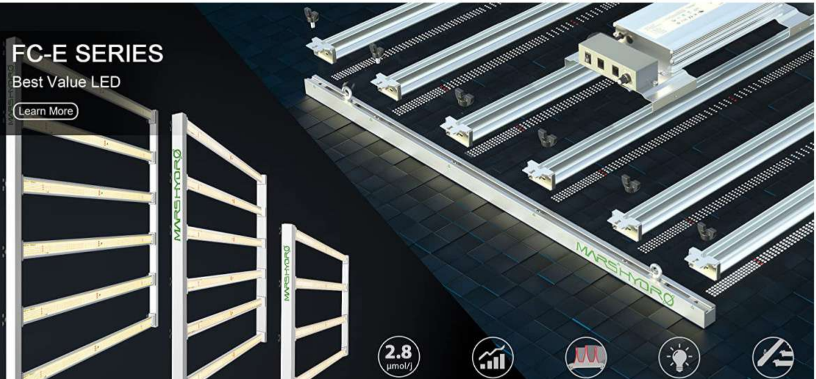


FC 6500 Spectrum

CE c ETL LISTED us 5 YEARS WARRANTY SAMSUNG HORTICULTURE LED Illuminated

SAMSUNG OFFICIAL PARTNERAS

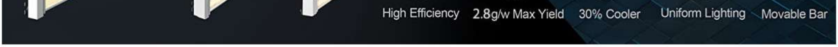
CUSTOMIZABLE POWER CORD



FC-E SERIES

Best Value LED

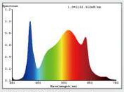
Learn More

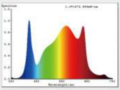


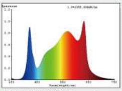
MARS HYDRO

Mars FC-E Specifications

Model	LEDs Chips	Spectrum	PPF (100V-277V)	Input Power	HPS/MH Replace	Input Voltage	Amperage	Optimize Coverage	Dimensions Net Weight
FC-E 3000 MeanWell	1184pcs BridgeLux	380-410nm 660-665nm 730-740nm 2800-3000K 4800-5000K	815umol/S@AC120V 810umol/S@AC240V 807umol/S@AC277V	300W±5% @100-277V	400W	100-277V	2.508A@AC120V 1.247A@AC240V 1.090A@AC277V	3.5ft × 3.5ft 1.1m × 1.1m	614*601*79MM 5.3KG
FC-E4800 Commercial	2646pcs BridgeLux	380-410nm 650-665nm 730-740nm 2800-3000K 4800-5000K	1328umol/S@AC120V 1286umol/S@AC240V 1291umol/S@AC277V	480W±5% @AC120-277V	600W	100-277V	3.998A@AC120V 1.997A@AC240V 1.749A@AC277V	4ft × 4ft 1.2m × 1.2m	864*852*79MM 9.1KG
FC-E 6500 Commercial	3978pcs BridgeLux	650-665nm 2800-3000K 4800-5000K	1822umol/S@AC120V 1818umol/S@AC240V 1814umol/S@AC277V	680W±5% @AC120-277V	1000W	100-277V	5.647A@AC120V 2.784A@AC240V 2.383A@AC277V	5ft × 5ft 1.5m × 1.5m	1162*1151*79MM 10.72KG


FC-E 3000 Spectrum


FC-E 4800 Spectrum


FC-E 6500 Spectrum

CE cETLus DLC 5 YEARS WARRANTY bridgelux LED

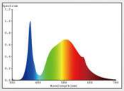
CUSTOMIZABLE POWER CORD

BEST SINGLE BAR LIGHTS
SP SERIES
Powerful & Efficient for Tall Plants & Greenhouse Cultivation
SHOP NOW
Full Spectrum
Thick Heat Sink
2.8 μmol/J
High Efficacy
Dimming Daisy Chain
Max Yield 2.8g/w
SAMSUNG HORTICULTURE LED Illuminated

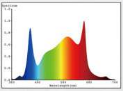
MARS HYDRO

Mars SP Specifications

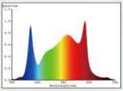
Model	LEDs Chips	Spectrum	PPF (100V-277V)	Input Power	HPS/MH Replace	Input Voltage	Amperage	Optimize Coverage	Dimensions Net Weight
SP-150	120V-322pcs 240V-350pcs	3000-3200nm 6000-6500nm 650-665nm	261umol/S @AC120V 269umol/S @AC240V	140W ±5%@AC120V 140W ±%@AC240V	250W	110-130V 220-240V	1.747A@AC120V 1.105A@AC240V	3ft × 2ft 0.9m × 0.9m	598*80*50mm 1.9kg
SP-3000 MeanWell	960pcs Samsung LM301B OSRAM 660	650-665nm 2800-3000K 4800-5000K	824umol/S@AC120V 818umol/S@AC240V 812umol/S@AC277V	300W±5% @AC120V-277V	400W	100-277V	2.47A@AC120V 1.24A@AC240V 1.10A@AC277V	5ft × 2ft 1.5m × 0.6m	1080*80*103mm 4.6kg
SP-6500 Commercial	2376pcs Samsung LM301B OSRAM 660	650-665nm 2800-3000K 4800-5000K	1819umol/S@AC120V 1793umol/S@AC240V 1783umol/S@AC277V	650W±5% @AC120V-277V	1000W	100-277V	5.404A@AC120V 2.662A@AC240V 2.311A@AC277V	5ft × 3ft 1.5m × 0.9m	1073*90*92mm 7.9kg



SP 150 Spectrum



SP 3000 Spectrum



SP 6500 Spectrum

5YEARS WARRANTY

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BEST BUDGET LIGHT

TS SERIES

Designed for personal growing. Suitable for Grow Tent, Room corner, Cabinet, Closet, Shelves.

SHOP NOW

- Full Spectrum
- Latest SMD Tech
- 2.7 UMOL/J — PPE 2.7umol/J
- Daisy-Chain Dimming
- CE & ETL Listed

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Mars TS Specifications

Model	LEDs Chips	Spectrum	Par Value (PPF)	Input Power	HPS/MH Replace	Input Voltage	Amperage	Optimize Coverage	Dimensions Net Weight
TS 600	120V-225pcs 240V-240pcs	660-665nm 730-740nm 3000-3200K 6000-6500K	190umol/S	100W±5%@AC120V 99W±5%@AC240V	150W	110-130V 220-240V	1.38A@AC120V 0.80A@AC240V	2ft × 2ft 0.6m × 0.6m	356*310*36mm 0.9kg
TS 1000	354pcs	660-665nm 730-740nm 3000-3200K 6000-6500K	343umol/S	150 W±5%@ AC120-277V	250W	100-277V	1.235A@AC120V 0.6223A@AC240V 0.5498A@AC277V	2.5ft × 2.5ft 0.8m × 0.8m	382*336.63*54.5mm 1.76kg
TSW 2000	704pcs	660-665nm 730-740nm 3000-3200K 6000-6500K	716umol/S	300 W±5% @AC120-277V	400W	100-277V	2.451A@AC120V 1.227A@AC240V 1.082A@AC277V	3.5ft × 3.5ft 1.1m × 1.1m	561*499.5*68mm 3.716 kg
TSL 2000	704pcs	660-665nm 730-740nm 3000-3200K 6000-6500K	717umol/S	300 W±5% @AC120-277V	400W	100-277V	2.550A@AC120V 1.311A@AC240V 1.135A@AC277V	4ft × 2ft 1.2m × 0.6m	1018*253.32*63.8mm 3.561kg
TS 3000 MeanWell	1016pcs	660-665nm 730-740nm 3000-3200K 6000-6500K	1151umol@AC120V 1141umol@AC240V 1134umol@AC277V	450W±5%@ AC120-277V	600W	100-277V	3.868A@AC120V 1.929A@AC240V 1.692A@AC277V	4ft × 4ft 1.2m × 1.2m	641.5*579.2*68.63mm 5.854kg

All-in-one
GROW TENT COMPLETE KITS
Convenient hassle-free indoor setup,Silent effective growing system
SHOP NOW
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KIT-TS1000

KIT-TSL2000

KIT-SP3000

KIT-TSW2000

KIT-TS600

	KIT-TS1000	KIT-TSL2000	KIT-SP3000	KIT-TSW2000	KIT-TS600
AC Power	150Watt@AC110-277V	300Watt@AC110-277V	300Watt@AC120V 277V	300Watt@AC110-277V	100Watt@AC110-277V
Footprint	3x3FT	3x5FT	3x4FT	4x4FT	2x2FT
LEDs Qty	354	704	960 SAMSUNG	704	225
Light Size	14.2"x13.2"x1.4"	39.2"*10"*3.5"	42.5"*3.2"*4.1"	21.2"x19.6"x3.7"	14.1"x12.2"x1.4"
Dimmable	✓	✓	✓	✓	X
Tent Size	27"x27"x63"	24"x48"x71"	24"x48"x71"	48"x48"x80"	24" x 24"x 55"
Tent Marterial	1680D	1680D	1680D	1680D	1680D
Over Capactity	110lbs	110lbs	110lbs	154lbs	88lbs
Air Flow	200CFM	200CFM	200CFM	400CFM	200CFM

YOUR PLANT'S HOME
GROW TENT
Mylar Fabric outer layer, reflective aluminum foil inner layer
SHOP NOW
1680D Oxford
Diamond mylar
Sturdy Heavy-duty
99% lightproof
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GROW TENTS

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	2'x2'x5' 24"x24"x55" 60x60x140cm	2.3'x2.3'x5.3' 27"x27"x63" 70x70x160cm	4'x2'x6' 48"x24"x70" 120x60x180cm	3'x3'x6' 39"x39"x70" 100x100x180cm	4'x4'x6.6' 48"x48"x80" 120x120x200cm	5'x5'x6.6' 60*x60"x80" 150x150x200cm
Vent Size (Qty/Diameter)	1x 8" (1x20cm)	1x 8" (1x20cm)	1x 8" (1x20cm)	2x 8" (2x20cm)	2x 8" (2x20cm)	2x 8",4x10" (2x20cm,4x25cm)
Micro-mesh Window (Qty/Size)	/	1x 10"x 10" (1 x 25x25cm)	1x 10"x 10" (1 x 25x25cm)	1x 10"x 10" (1 x 25x25cm)	1x 10"x 10" (1 x 25x25cm)	1x 10"x 10" (1 x 25x25cm)
Floor Tray	1	1	1	1	1	1
Support bar	2	2	3	2	3	3
Viewing Window	/	1	1	1	1	1
Package Weight	5.8kg	6.8kg	9kg	9.5kg	12.5kg	15kg
Recommend Fan Size	4" inline fan	4" inline fan	4" inline fan	4" inline fan	6" inline fan	6" inline fan
Recommend Light	TS600 / SP150	TS600 / SP150 / TS1000	TSL2000 / SP3000	TS1000 / TSW2000 / FC3000 / FC-E3000	TSW2000 / FC4800 / FC-E4800	TS3000 / FC6500 / FC-E6500

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	4'x8'x6.6' 48"x96"x80" 120x240x200cm	8'x8'x6.6' 96"x96"x80" 240x240x200cm	2in1-90x60x140cm 3'x2'x5' 36"x24"x55"	2in1-120x90x180cm 4'x3'x6' 48"x36"x70"	2in1-150x120x200cm 5'x4'x6.6' 60"x48"x80"
Vent Size (Qty/Diameter)	2x 8",4x10" (2x20cm,4x25cm)	4x 8",4x12" (4x20cm,4x30cm)	2x 8" (2x20cm)	2x 8" (2x20cm)	4x 8" (4x20cm)
Micro-mesh Window (Qty/Size)	2x 10"x 10" (2 x 25x25cm)	2x 10"x 10" (2 x 25x25cm)	/	1x 10"x 10" (1 x 25x25cm)	1x 10"x 10" (1 x 25x25cm)
Floor Tray	1	2	3	3	3
Support bar	6	8	4	4	4
Viewing Window	2	2	/	2	2
Package Weight	20kg	31kg	10.5kg	15kg	20kg
Recommend Fan Size	6" inline fan(2pcs)	6" inline fan(4pcs)	4" inline fan	4" inline fan	6" inline fan
Recommend Light	2xFC3000 / 2xFC-E3000 / 2xTSW2000 / 2xTS3000	4xFC3000 / 4xFC-E3000 / 4xTSW2000 / 4xTS3000	TS600 / SP150	TS1000	TSW2000 / 2xTSL2000 / 2xSP3000

GROW TENT VENTILATION SYSTEM

Mars Hydro Inline Fan Carbon Filter Combo

Learn More

4"Combo with Digital Controller

6"Combo with Digital Controller

4"Combo with Speed Controller

6"Combo with Speed Controller

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6" Inline Fan Carbon Filter Combo with Speed Control

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4" Inline Fan Carbon Filter Combo with Thermostat Control

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4" Inline Duct Fan with Speed Control

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4" Inline Duct Fan with Thermostat Control

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4" Inline Fan Carbon Filter Combo with Speed Control

Click Here
6" Inline Fan Carbon Filter Combo with Thermostat Control

Duct Opening Size	6"	4"	4"	4"	4"	6"
Airflow	350CFM	205CFM	205CFM	205CFM	205CFM	350CFM
Noise	32 dBA	28 dBA	28 dBA	28 dBA	28 dBA	32dBA
Controller	with Speed controller	with Thermostat Control	with Speed controller	with Thermostat Control	with Speed controller	with Thermostat Control
Match Tent Size	4x4tent/5x5tent	2x2tent/3x3tent/4x2tent	2x2tent/3x3tent/4x2tent	2x2tent/3x3tent/4x2tent	2x2tent/3x3tent/4x2tent	4x4tent/5x5tent
Power	50W	40W	40W	40W	40W	50W

Mars Hydro Supports

13 year manufacturer

Mars Hydro was founded in Shenzhen's high-tech park in 2009,providing highly cost-effective LED grow light solutions for crop production. Mars Hydro provides healthier plants and more bountiful yields.

Customized Service

As a WORLD-CLASS manufacturer, we allow customization of fixtures to operate at desired voltages, while also supporting OEM (Original equipment manufacturer) services for wholesalers. Our Research and Development (R&D) department offers customized LED solutions for different crop cultivators.

High-Quality

Our lights are safe and efficient. Not just CE, UKCA, ETL certified but also DLC listed, which signals a high level of energy efficiency in LED lighting and helps you get Energy Rebate Program funding for your project.

Warehouse & Delivery

With factories in Shenzhen and local warehouses in the USA, Canada, UK, Europe, Australia, and Russia, we are able to deliver to your door. Fast and free local delivery, with a shipping time of 3-7 days.

Service & Warranty

Our professional support team will be happy to answer all your questions about our products and services with responses in 24 hours or less. We provide a 5 Years warranty with local repair centers. Convenient and fast.

CERTIFIED PRODUCT

DLC QPL LISTED™ Intertek ETL RoHS CE UKCA