

Plusrite[®]

HORTICULTURE LIGHTING

PLUSRITE ELECTRIC (CHINA) CO., LTD

27 Teng Long Road, Wujin District, Changzhou Jiangsu, 213149 China
www.plusrite.com / info@pluslight.com



Contact Us



Official WeChat

PLUSRITE ELECTRIC (CHINA) CO., LTD



Company Profile

Plusrite Electric was founded in May 1986 in Changzhou, China, with the vision of becoming a recognized leader throughout the world in the distributing and manufacturing of high-quality lighting products. With our emphasis on continual innovation, excellence in manufacturing and customer driven service, today Plusrite Electric has grown into a global leader in the manufacturing and distribution of LED, HID, tungsten halogen, fluorescent and other specialty lighting products. In addition to receiving the ISO 9001 Quality System Certification, Plusrite Electric has received numerous awards for their outstanding products, innovative designs and international business enterprises.

With factories, distribution warehouses and sales offices located throughout Asia and North America, and expansion planned into South America and Europe, Plusrite Electric products are being manufactured to accommodate the rapidly expanding global marketplace. Currently there are more than 1000 different lighting products being sold in over 50 countries and regions throughout the world.

With the introduction of Plusrite Electric's signature brand, Plusrite, electrical wholesalers and lighting specialty companies throughout North America are turning to Plusrite Electric for a unique combination of reliable, low-cost, high-margin lighting products.

Product development is a high priority at Plusrite Electric. While striving to manufacture the best products possible, engineers and technicians are also working to expand the Plusrite product line. New products are continually being added to the lamp catalog.

As Plusrite brand is quickly becoming the brand of choice throughout the world, Plusrite Electric is proud to offer their mission statement to you, the customer: It is our mission to utilize teamwork and innovation to integrate the finest raw materials, global standard production techniques and the highest level of quality throughout our organization in order to provide every customer with the best products and service possible.

www.plusrite.com



Headquarter

PLUSRITE ELECTRIC (CHINA) CO., LTD



福隆控股集团
FLON HOLDINGS

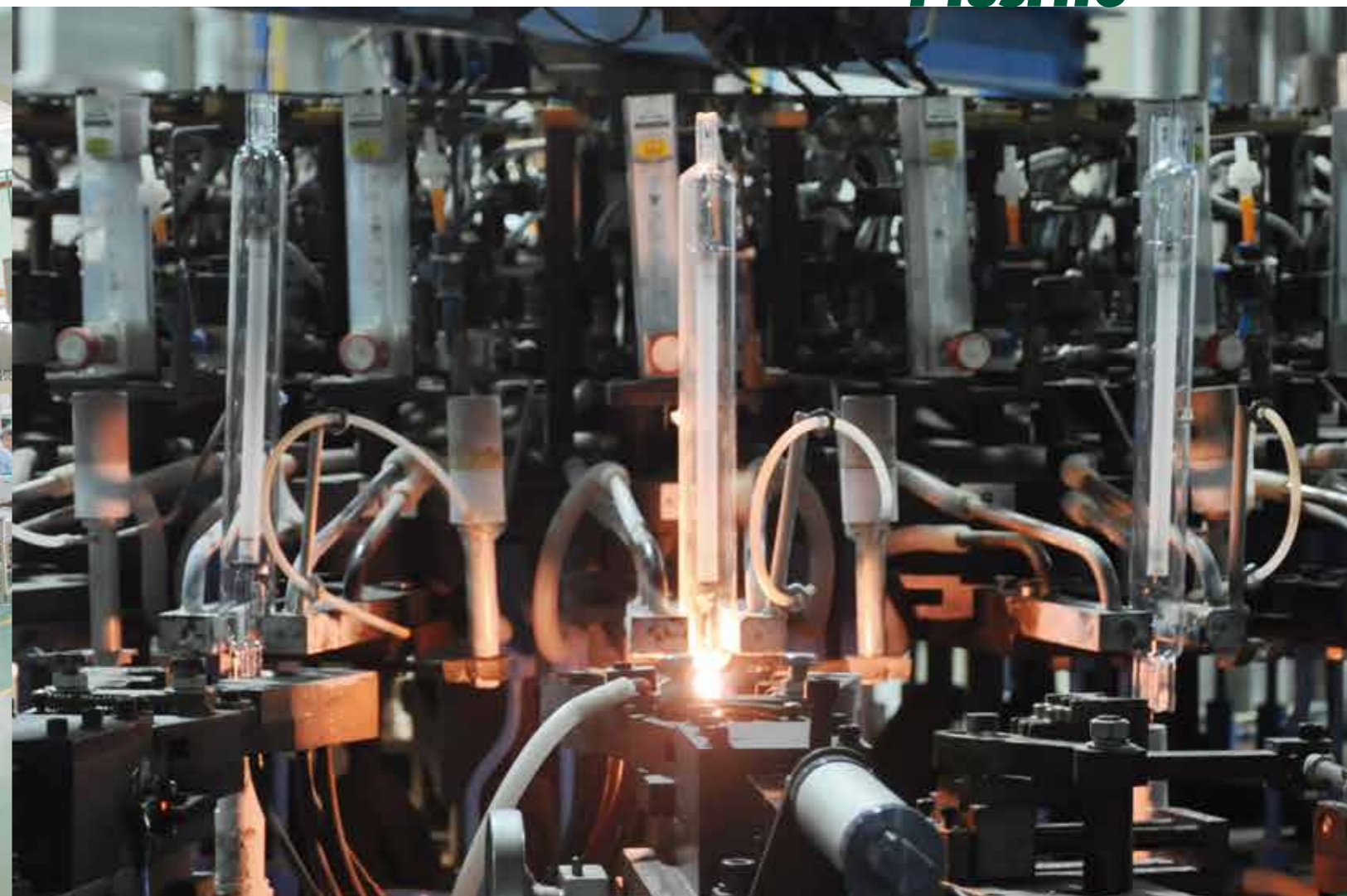




Plusrite®



Plusrite®





What can we do for you

□ Customized grow light and well after-sale service

As a well-experienced lighting manufacturer, Plusrite sells products all over the world. Our control in quality, sensitivity with market trend, ability of customization will meet customers' any demand on promotion and sales.

Plusrite established greenhouse lab and accumulate much experience in growth lighting by doing large amount of experiments. Plusrite can support every grower with fast lamp replacement, professional products advice and customized lighting solutions.

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01

Professional LED Grow Lights

High efficient grow light for indoor or greenhouse

Plusrite LED grow light has two great advantages compared with HID grow light: energy saving and customize

Plusrite LED grow light is equipped with high quality LED chips and excellent cooling design which improve the light supplement efficacy and lower the heat releasing. These advantages help to save much energy and maintenance cost.

At the same time, Plusrite will customize appropriate lighting solutions for each customer.



LED top lighting TLD series

FEATURES

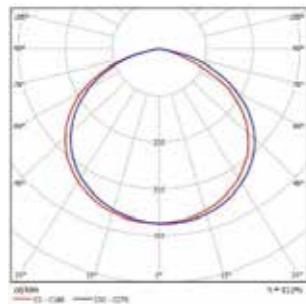
- Wide voltage 220-400V design, suitable for industrial and civil power grids
- Integrated high-purity aluminum alloy radiator for better heat conduction
- Built-in power supply, integrated lighting, easy to install and operate
- High brightness ceramic bracket LED is selected for better heat resistance, less light attenuation, and long service life
- Reserved dimming interface, matching control system to achieve intelligent light compensation



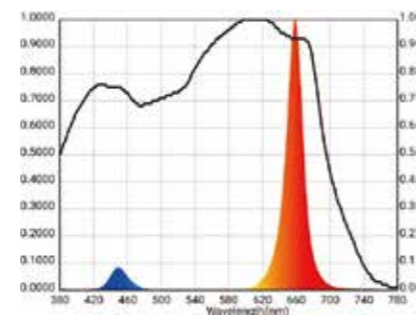
TECHNICAL SPECIFICATIONS

| Description | Input voltage | Frequency | Power | Power Factor | PPF | PPE | Beam Angle | IP | Weight | Dimensions | Lifetime |
|---------------|---------------|-----------|-------|--------------|------------------|-----------------|------------|------|--------|---------------|-----------|
| LED GLTD1000W | 220-400V | 50/60Hz | 1000W | 0.95 | 3800 μ mol/s | 3.8 μ mol/J | 120° | IP65 | 13kgs | 660*310*105mm | 50,000hrs |

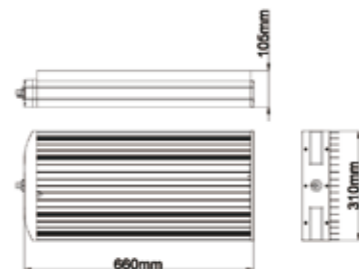
LIGHT DISTRIBUTION



SPECTRUM



DIMENSION



LED top lighting TLC series

FEATURES

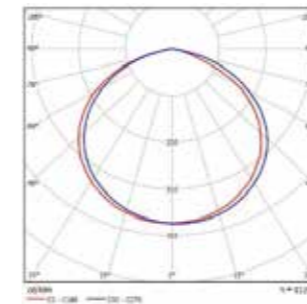
- Wide voltage 220-400V design, suitable for industrial and civil power grids
- Integrated high-purity aluminum alloy radiator, lighter and thinner, with better thermal conductivity
- High brightness ceramic bracket LED is selected for better heat resistance, less light attenuation, and long service life
- The design of end to end connection of joints enables multiple pieces to be connected in series, making construction more convenient and fast;
- Integrated wireless control module, combined with SAAS system, to achieve remote control
- Slender lamp body, can be installed on a truss or C-shaped steel, without blocking sunlight



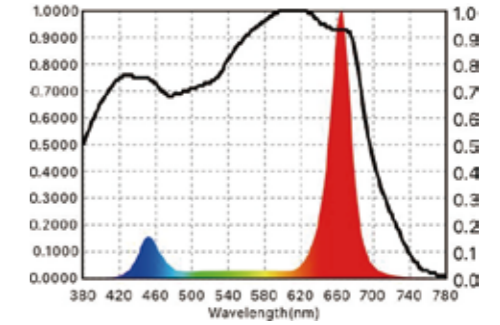
TECHNICAL SPECIFICATIONS

| Description | Input voltage | Frequency | Power | Power Factor | PPF | PPE | Beam Angle | IP | Weight | Dimensions | Lifetime |
|-------------|---------------|-----------|-------|--------------|------------------|-----------------|------------|------|--------|---------------|-----------|
| GLTLC320W | 220-400V | 50/60Hz | 320W | 0.95 | 1024 μ mol/s | 3.2 μ mol/J | 120° | IP65 | 4.5kgs | 1250*50*112mm | 50,000hrs |

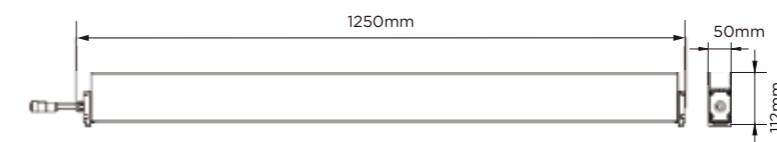
LIGHT DISTRIBUTION



SPECTRUM



DIMENSION





LED top lighting VP series



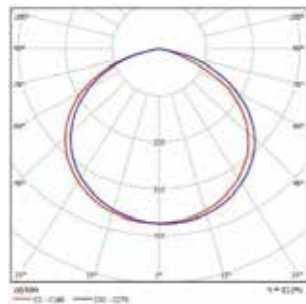
FEATURES

- Voltage 120-277V/277-480V design, suitable for industrial and civil power grids
- Surface oxidation treatment makes the product more beautiful and textured
- High density fins for better heat dissipation and higher power density
- High quality LED chip, good heat resistance, low light attenuation, long life
- Rectangular lamp body design, shielding less sunlight
- Easy to install and operate

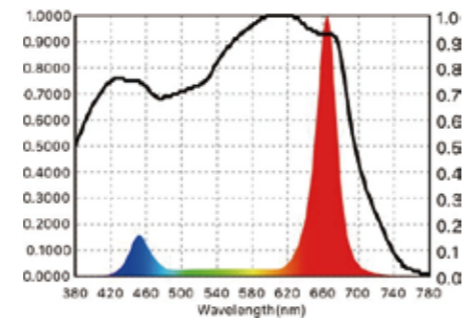
TECHNICAL SPECIFICATIONS

| Description | Input voltage | Frequency | Power | Power Factor | PPF | PPE | Beam Angle | IP | Weight | Dimensions | Lifetime |
|-------------|-----------------------|-----------|-------|--------------|-----------|-----------|------------|------|--------|---------------|-----------|
| GLVP320W | 120-277V/ 277-480V | 50/60Hz | 320W | 0.95 | 928μmol/s | 2.9μmol/J | 120° | IP65 | 5kgs | 630*104*148mm | 50,000hrs |

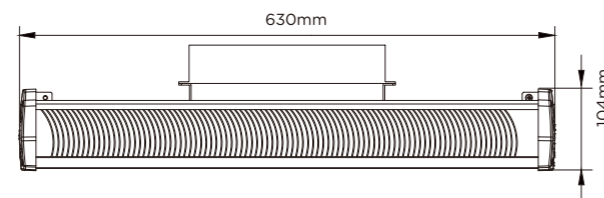
LIGHT DISTRIBUTION



SPECTRUM



DIMENSION



LED top lighting TL series

FEATURES

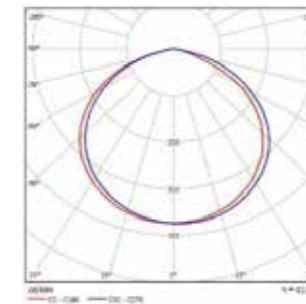
- Wide voltage 220-400V design, suitable for industrial and civil power grids
- Integrated high-purity aluminum alloy radiator, lighter and thinner, with better thermal conductivity
- High brightness ceramic bracket LED is selected for better heat resistance, less light attenuation, and long service life
- The design of end to end connection of joints enables multiple pieces to be connected in series, making construction more convenient and fast
- Slender lamp body, can be installed on a truss or C-shaped steel, without blocking sunlight



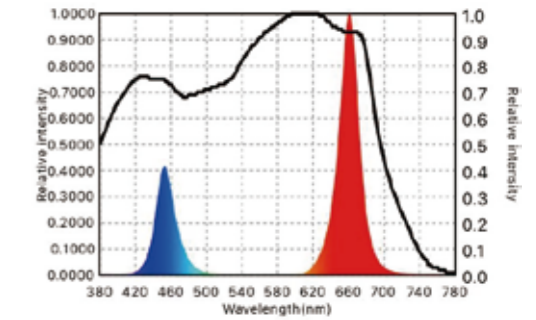
TECHNICAL SPECIFICATIONS

| Description | Input voltage | Frequency | Power | Power Factor | PPF | PPE | Beam Angle | IP | Weight | Dimensions | Lifetime |
|--------------|---------------|-----------|-------|--------------|-----------|-----------|------------|------|--------|--------------|-----------|
| LED GLTL200W | 220-400V | 50/60Hz | 200W | 0.95 | 560μmol/s | 2.8μmol/J | 120° | IP65 | 3.5kgs | 1240*55*80mm | 50,000hrs |

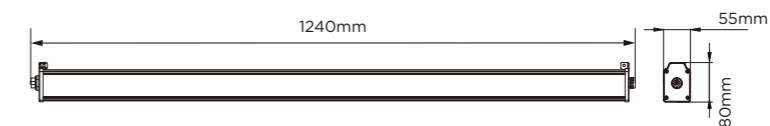
LIGHT DISTRIBUTION



SPECTRUM



DIMENSION

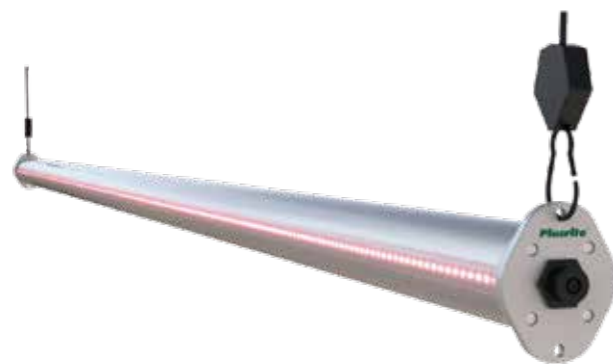




LED inter lighting ZZJ series

FEATURES

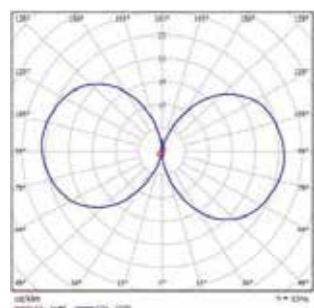
- Led greenhouse inter lighting zzj series
- Integrated design without impact on plant growing
- End to end connecting increasing efficiency of installation
- Special end cap design to meet double layer fill light demand
- Increase input volatgae scope to offer replacement demand in greenhouse



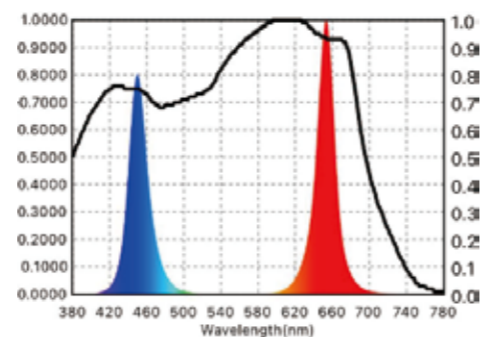
TECHNICAL SPECIFICATIONS

| Description | Input voltage | Frequency | Power | Power Factor | PPF | PPE | Beam Angle | IP | Weight | Dimensions | Lifetime |
|-------------|---------------|-----------|-------|--------------|-----------------|-----------------|------------|------|--------|--------------|-----------|
| GLZZJ90W | 220-400V | 50/60Hz | 90W | 0.9 | 270 μ mol/s | 3.0 μ mol/J | 360° | IP65 | 3.6kgs | 2500*70*90mm | 50,000hrs |

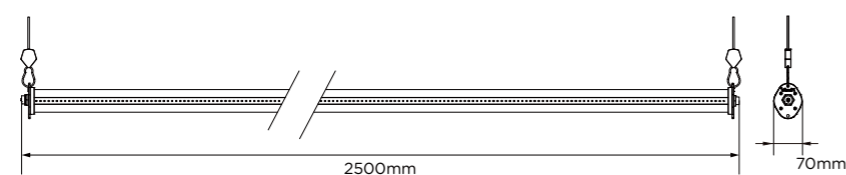
LIGHT DISTRIBUTION



SPECTRUM



DIMENSION



LED Vertical Farming lighting T series

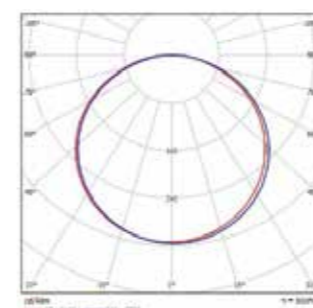
FEATURES

- Single end input. Support multiple connections.
- No light flickering IC driver
- ALU+PC | Full PC body available
- Lifetime of 25, 000 hrs

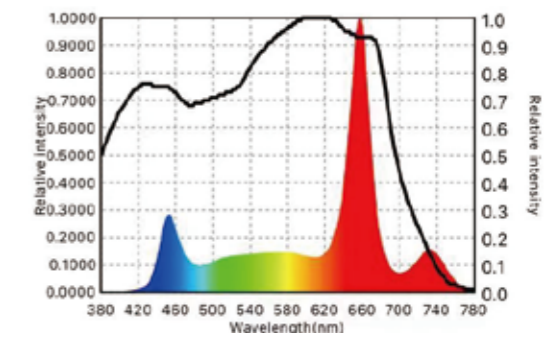
TECHNICAL SPECIFICATIONS

| Description | Input voltage | Frequency | Power | Power Factor | PPF | PPE | Beam Angle | IP | Weight | Dimensions | Lifetime |
|-------------|---------------|-----------|-------|--------------|----------------|-----------------|------------|------|--------|--------------|-----------|
| GLT8 18W | 220-240V | 50/60Hz | 18W | 0.9 | 38 μ mol/s | 2.1 μ mol/J | 120° | IP66 | 1kgs | 1201*34*31mm | 25,000hrs |
| GLT10 24W | 220-240V | 50/60Hz | 24W | 0.9 | 50 μ mol/s | 2.1 μ mol/J | 120° | IP66 | 1.2kgs | 1201*34*31mm | 25,000hrs |

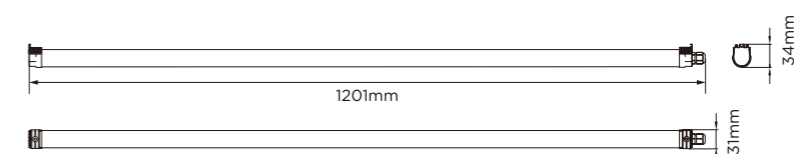
LIGHT DISTRIBUTION



SPECTRUM



DIMENSION





845W Tiling/Folding Display



LED grow lights SPA series

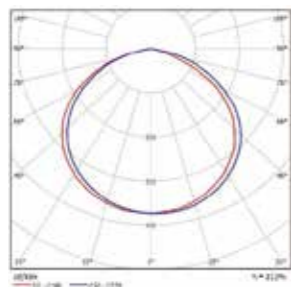
FEATURES

- Full spectrum, high quality led chips, less light decay
- Slim design, suitable to layer plants
- Dimming button & outer intelligent controller interface available to meet customer multifunction demand
- Surface oxidation, nice stainless steel fastener, good corrosion resistance
- Brief appearance design, thin, foldable, driver box integrated design, installation easier and faster

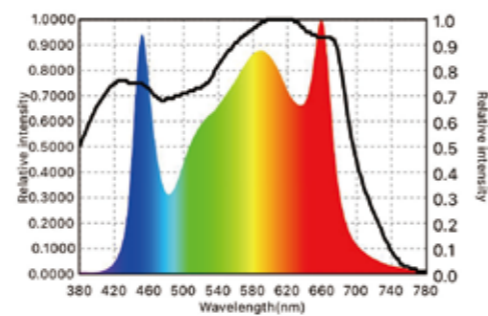
TECHNICAL SPECIFICATIONS

| Description | Input voltage | Frequency | Power | Power Factor | PPF | PPE | Beam Angle | IP | Weight | Dimensions | Lifetime |
|-------------|---------------|-----------|-------|--------------|------------------|-----------------|------------|------|---------|----------------|-----------|
| GLSPA420W | 120-277V | 50/60Hz | 420W | 0.95 | 1100 μ mol/s | 2.6 μ mol/J | 120° | IP54 | 11.4kgs | 1087*830*85mm | 50,000hrs |
| GLSPA630W | 120-277V | 50/60Hz | 630W | 0.95 | 1640 μ mol/s | 2.6 μ mol/J | 120° | IP54 | 13.5kgs | 1087*1013*85mm | 50,000hrs |
| GLSPA845W | 120-277V | 50/60Hz | 845W | 0.95 | 2200 μ mol/s | 2.6 μ mol/J | 120° | IP54 | 16kgs | 1168*1168*85mm | 50,000hrs |

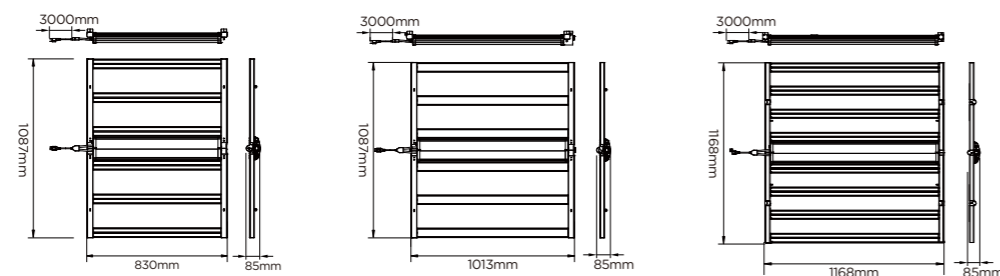
LIGHT DISTRIBUTION



SPECTRUM



DIMENSION



Intelligent Controller



INSTRUCTIONS FOR USE AND PRECAUTIONS

- 1) Avoid applying heavy pressure to the fixture, otherwise it will affect the stability of the product.
- 2) Do not look directly at the light when the fixture is working. The glare of the fixture may harm your eyes.
- 3) Please use the product within the specified input voltage range according to the specification.
- 4) Non-professionals must not disassemble the product.
- 5) After opening the package, please check carefully whether the item is complete. If there is any damage, please contact the supplier immediately and do not use it yourself.
- 6) Please take care to ensure that it is effective to prevent rainwater

- 7) It is strictly forbidden to operate with electricity during installation. The installation must be carried out by professionals or under the guidance of professionals.
- 8) The lamp will heat up during use. It should not be wrapped with flammable or explosive materials or close to the lamp, causing unnecessary accidents or damage to the lamp. Do not use any part of the body to directly touch the lamp to avoid burns.
- 9) Before the lamp is removed and replaced, it must be powered off and disassembled under the guidance of a professional.



LED grow lights SPB series

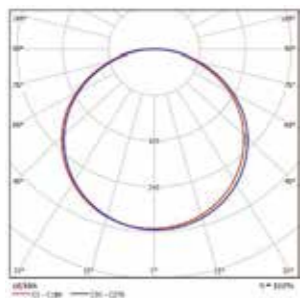
FEATURES

- The LED strip and electrical box can be disassembled separately, which can extremely compress the packaging volume and reduce the transportation cost
- High quality LED chips are used, with high efficiency and less light decay
- The main body of the fixture adopts the high quality aluminum oxidation design
- It has a knob for dimming, and RJ11 port is reserved to connect the controller

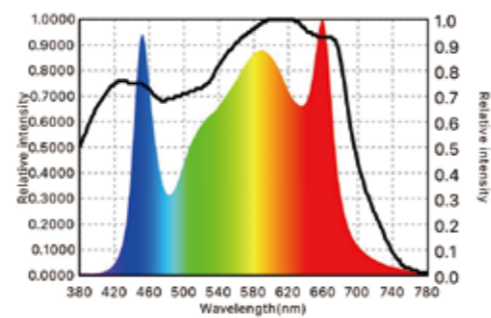
TECHNICAL SPECIFICATIONS

| Description | Input voltage | Frequency | Power | Power Factor | PPF | PPE | Beam Angle | IP | Weight | Dimensions | Lifetime |
|-------------|---------------|-----------|-------|--------------|------------------|-----------------|------------|------|---------|---------------|-----------|
| GLSPB300W | 120-277V | 50/60Hz | 300W | 0.95 | 780 μ mol/s | 2.6 μ mol/J | 120° | IP54 | 5kgs | 543*990*70mm | 50,000hrs |
| GLSPB420W | 120-277V | 50/60Hz | 420W | 0.95 | 1100 μ mol/s | 2.6 μ mol/J | 120° | IP54 | 7kgs | 677*990*70mm | 50,000hrs |
| GLSPB630W | 120-277V | 50/60Hz | 630W | 0.95 | 1640 μ mol/s | 2.6 μ mol/J | 120° | IP54 | 10kgs | 1087*990*70mm | 50,000hrs |
| GLSPB845W | 120-277V | 50/60Hz | 845W | 0.95 | 2200 μ mol/s | 2.6 μ mol/J | 120° | IP54 | 14.5kgs | 1488*990*70mm | 50,000hrs |

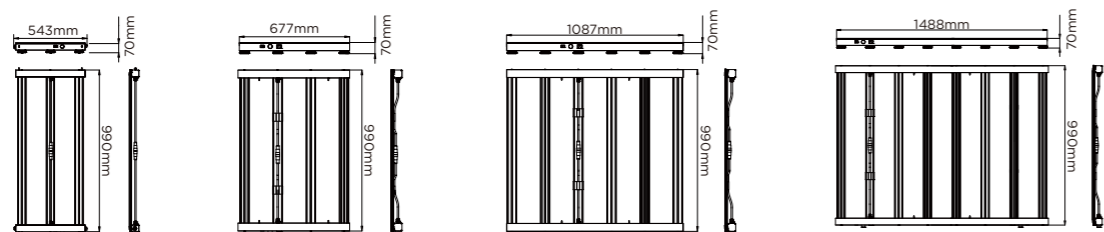
LIGHT DISTRIBUTION



SPECTRUM



DIMENSION



LED grow lights PLA series

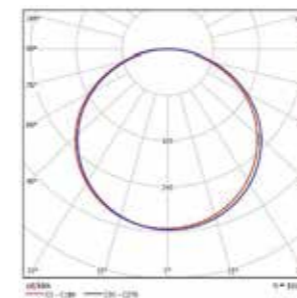
FEATURES

- Full spectrum, high quality led chips, less light decay
- Slim design, suitable to layer plants
- Dimming button & outer intelligent controller interface available to meet customer multifunction demand
- Surface oxidation, nice stainless steel fastener, good corrosion resistance
- Brief appearance design, thin, foldable, driver box integrated design, installation easier and faster

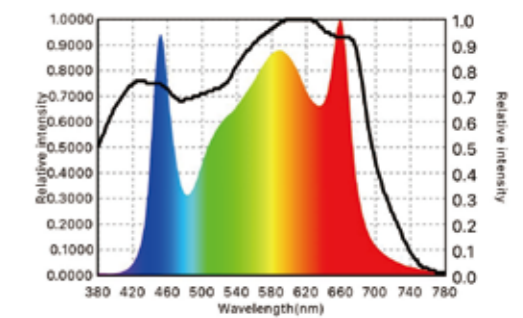
TECHNICAL SPECIFICATIONS

| Description | Input voltage | Frequency | Power | Power Factor | PPF | PPE | Beam Angle | IP | Weight | Dimensions | Lifetime |
|-------------|---------------|-----------|-------|--------------|------------------|-----------------|------------|------|--------|--------------|-----------|
| GLPLA100W | 120-277V | 50/60Hz | 100W | 0.95 | 260 μ mol/s | 2.6 μ mol/J | 120° | IP54 | 1.4kgs | 300*300*55mm | 50,000hrs |
| GLPLA200W | 120-277V | 50/60Hz | 200W | 0.95 | 520 μ mol/s | 2.6 μ mol/J | 120° | IP54 | 2.8kgs | 600*300*70mm | 50,000hrs |
| GLPLA300W | 120-277V | 50/60Hz | 300W | 0.95 | 780 μ mol/s | 2.6 μ mol/J | 120° | IP54 | 4.2kgs | 500*500*70mm | 50,000hrs |
| GLPLA400W | 120-277V | 50/60Hz | 400W | 0.95 | 1040 μ mol/s | 2.6 μ mol/J | 120° | IP54 | 5.8kgs | 700*600*90mm | 50,000hrs |

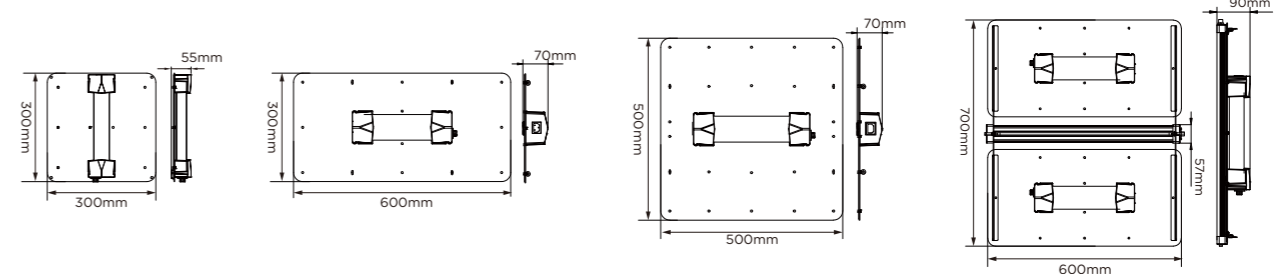
LIGHT DISTRIBUTION



SPECTRUM



DIMENSION





LED grow lights TLB series

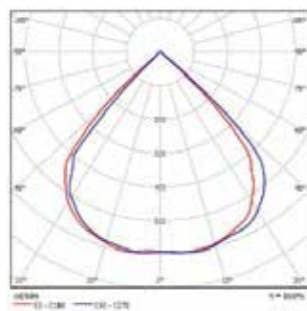
■ FEATURES

- Full spectrum, high-quality LED chip
- Wide application range, more efficient and energy-saving than traditional lamps
- Modular design, lamp housing made of high purity aluminum alloy material, solid structure, long-life fan to ensure good heat dissipation
- Surface gasification treatment, lightweight, simple, and diverse safety methods
- Suitable for: family, flower shop, flower house, succulent, water grass planting

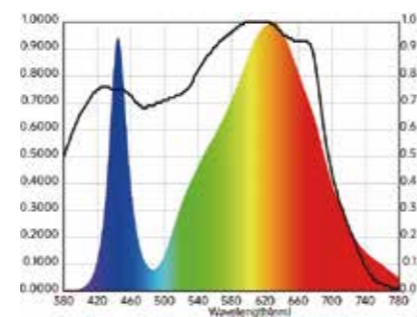
■ TECHNICAL SPECIFICATIONS

| Description | Input voltage | Frequency | Power | Power Factor | PPF | PPE | Beam Angle | IP | Weight | Dimensions | Lifetime |
|-------------|---------------|-----------|-------|--------------|-----------------|-----------------|------------|------|--------|------------------|-----------|
| GLTLB50W | 220-240V | 50/60Hz | 50W | 0.95 | 95 μ mol/s | 1.9 μ mol/J | 90° | IP20 | 2.5kgs | ϕ 140*120mm | 25,000hrs |
| GLTLB100W | 220-240V | 50/60Hz | 100W | 0.95 | 190 μ mol/s | 1.9 μ mol/J | 90° | IP20 | 3.5kgs | ϕ 140*160mm | 25,000hrs |
| GLTLB150W | 220-240V | 50/60Hz | 150W | 0.95 | 285 μ mol/s | 1.9 μ mol/J | 90° | IP20 | 3.5kgs | ϕ 140*160mm | 25,000hrs |

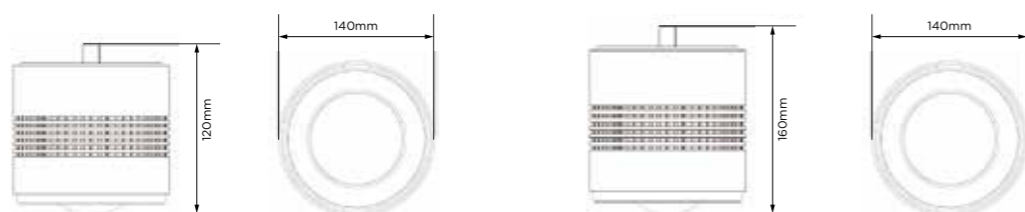
■ LIGHT DISTRIBUTION



■ SPECTRUM



■ DIMENSION



LED grow lights UFO series



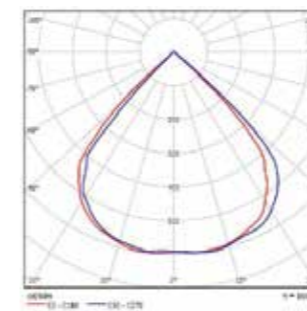
■ FEATURES

- Professional grow light scheme
- Achieve high-intensity light compensation, with a large effective light compensation area
- More uniform growth of plants, common indoor and outdoor
- The spectrum can be customized, applicable to flower houses, flower shops, families, corridors, etc

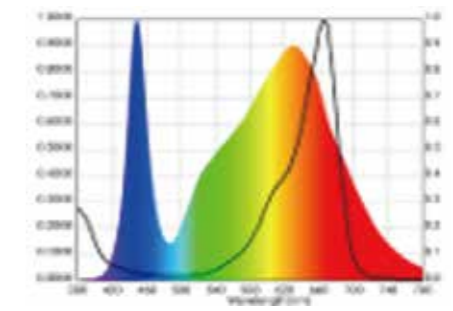
■ TECHNICAL SPECIFICATIONS

| Description | Input voltage | Frequency | Power | Power Factor | PPF | PPE | Beam Angle | IP | Weight | Dimensions | Lifetime |
|-------------|---------------|-----------|-------|--------------|-----------------|-----------------|------------|------|--------|---------------------|-----------|
| GK520 100W | 120-277V | 50/60Hz | 100W | 0.9 | 190 μ mol/s | 1.9 μ mol/J | 90° | IP66 | 2kgs | ϕ 283.4*99.4mm | 50,000hrs |
| GK520 150W | 120-277V | 50/60Hz | 150W | 0.9 | 285 μ mol/s | 1.9 μ mol/J | 90° | IP66 | 2kgs | ϕ 283.4*99.4mm | 50,000hrs |
| GK520 200W | 120-277V | 50/60Hz | 200W | 0.9 | 380 μ mol/s | 1.9 μ mol/J | 90° | IP66 | 2.5kgs | ϕ 323.6*99.4mm | 50,000hrs |

■ LIGHT DISTRIBUTION



■ SPECTRUM



■ DIMENSION





LED grow light bulb

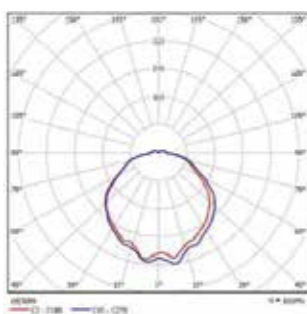
■ FEATURES

- Professional spectral design
- Effectively increase production
- Plastic-coated aluminum design, more safe and reliable

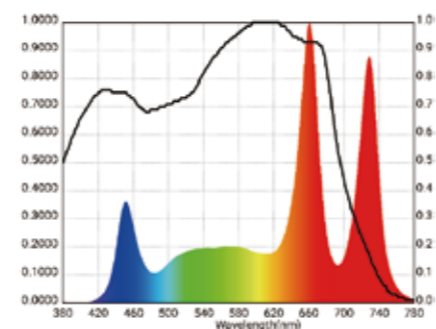
■ TECHNICAL SPECIFICATIONS

| Description | Input voltage | Frequency | Power | Power Factor | PPF | PPE | Beam Angle | IP | Weight | Dimensions | Lifetime |
|-------------|---------------|-----------|-------|--------------|----------------|-----------------|------------|------|--------|------------------|-----------|
| GLBL50W | 220-240V | 50/60Hz | 50W | 0.5 | 95 μ mol/s | 1.9 μ mol/J | 135° | IP20 | 0.5kgs | ϕ 135*190mm | 15,000hrs |

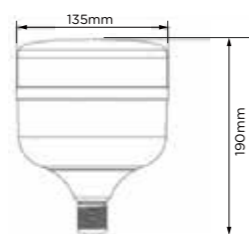
■ LIGHT DISTRIBUTION



■ SPECTRUM



■ DIMENSION





02

Professional HPS Grow Lights

■ After tested for 30 years by global market, high pressure sodium lamp is considered as the best grow light source on promoting plant growth and increasing the yield of crops

1. HPS is mature and cost-effective and used for increasing the yield of crops
2. HPS has better lighting supplement performance because of the high output and PPF value
3. Large amount of red light promotes flowering, fruiting and shortens the harvest period
4. HPS lamps are suitable for electronic or magnetic ballasts



Double-ended high pressure sodium lamps

FEATURES

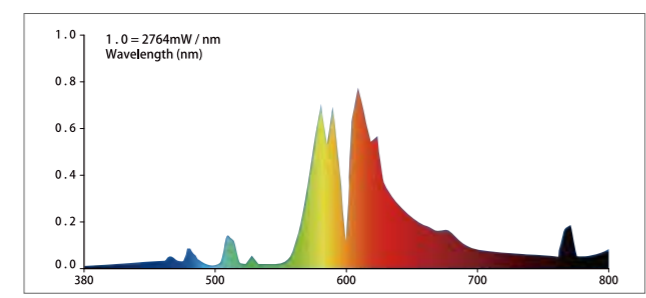
- PLUSRITE Patented Products
- Applicable to electronic ballast
- Suitable for all stages of plant growth
- Especially suitable for flowering and fruiting stages

PCT PATENT PRODUCT

TECHNICAL SPECIFICATIONS

| Description | Mol | Color Temp | Power | PPF | Lifetime |
|----------------|-------|------------|-------|------------------|-----------|
| LUDE600W/HO | 393mm | 2000K | 600W | 1100 μ mol/s | 10,000hrs |
| LUDE750W/HO | 393mm | 2000K | 750W | 1400 μ mol/s | 10,000hrs |
| LUDE1000W/PRO | 393mm | 2000K | 1000W | 2100 μ mol/s | 10,000hrs |
| LUDE1000W/XTRA | 393mm | 2000K | 1000W | 2150 μ mol/s | 10,000hrs |

SPECTRUM



DIMENSION



Single-ended high pressure sodium lamps

FEATURES

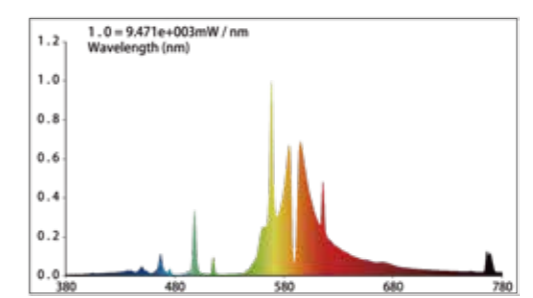
- Supreme light output
- Excellent performance with high PAR value
- Perfect for fruiting and flowering stages, also idea for full stage of growth
- 1000W is especially suitable for mini tomato and rose planting



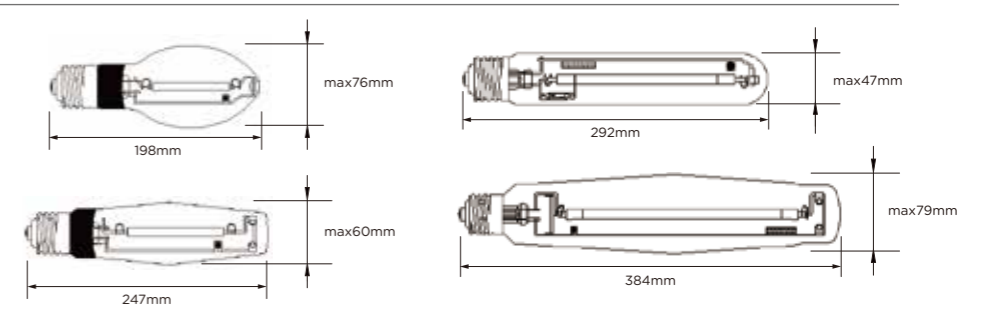
TECHNICAL SPECIFICATIONS

| Description | Mol | LCL | Power | PPF | ANSI | Lamp Cap | Bulb | Lifetime |
|-----------------|-------|---------|-------|------------------|--------|----------|--------|-----------|
| LU150W/ED23.5 | 198mm | 127mm | 150W | 180 μ mol/s | S55/E | E39 | ED23.5 | 18,000hrs |
| LU250W/ET18 | 247mm | 145mm | 250W | 350 μ mol/s | S50/E | E39 | ET18 | 18,000hrs |
| LU400W/ET18 | 247mm | 145mm | 400W | 610 μ mol/s | S51/E | E39 | ET18 | 18,000hrs |
| LU600W/T15/HO | 292mm | 178mm | 600W | 1120 μ mol/s | S106/E | E39 | T15 | 18,000hrs |
| LU1000W/ET25/HO | 384mm | 223.5mm | 1000W | 1850 μ mol/s | S52/E | E39 | ET25 | 18,000hrs |

SPECTRUM



DIMENSION





03
Professional
MH Grow Lights

□ Light supplement for all stage of growth, especially for seedling

- 1.MH emits large amount of blue and violet light which suppresses stem elongation, increases leaf pigment and promotes the creation of anthocyanin
- 2.MH promotes plant growth, such as lettuce and rose



Protected double-ended metal halide lamps

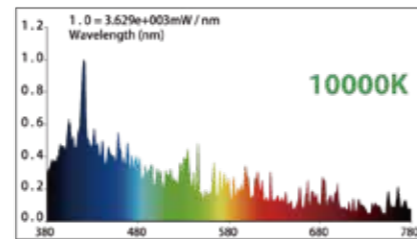
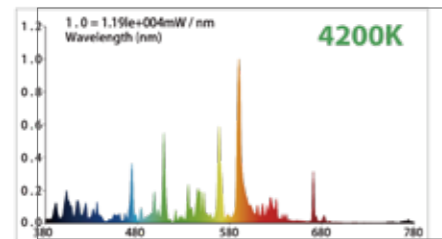
■ FEATURES

- High initial lumen output and well-balanced spectrum
- Cost-effective, ideal for all stages of growing

■ TECHNICAL SPECIFICATIONS

| Description | Power | Color Temp | PPF | Ra | Lifetime |
|--------------------|-------|------------|------------|----|-----------|
| MPDE600W/4200K/P | 600W | 4200K | 800μmol/s | 60 | 10,000hrs |
| MPDE600W/6500K/P | 600W | 6500K | 750μmol/s | 65 | 10,000hrs |
| MPDE600W/10000K/P | 600W | 10000K | 500μmol/s | 80 | 10,000hrs |
| MPDE750W/4200K/P | 750W | 4200K | 1200μmol/s | 60 | 10,000hrs |
| MPDE750W/6500K/P | 750W | 6500K | 1100μmol/s | 70 | 10,000hrs |
| MPDE750W/10000K/P | 750W | 10000K | 1000μmol/s | 90 | 10,000hrs |
| MPDE1000W/4200K/P | 1000W | 4200K | 1600μmol/s | 60 | 10,000hrs |
| MPDE1000W/6500K/P | 1000W | 6500K | 1700μmol/s | 70 | 10,000hrs |
| MPDE1000W/10000K/P | 1000W | 10000K | 1500μmol/s | 90 | 10,000hrs |

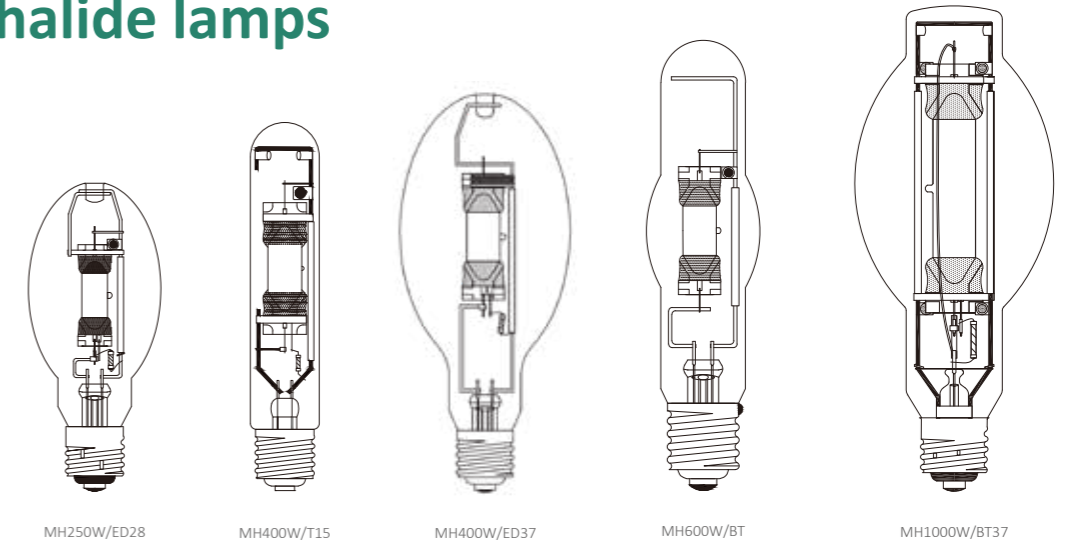
■ SPECTRUM



■ DIMENSION



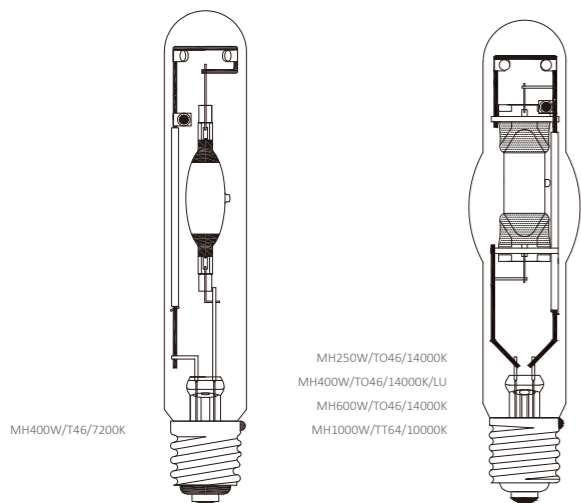
Single-ended high metal halide lamps



■ TECHNICAL SPECIFICATIONS

| Description | Power | Color Temp | PPF | Lamp Cap | Bulb | Lifetime |
|----------------------|-------|------------|------------|----------|------|-----------|
| MH250W/ED28/U/4200K | 250W | 4200K | 300μmol/s | E39/E40 | ED28 | 10,000hrs |
| MH400W/T15/U/4200K | 400W | 4200K | 600μmol/s | E39/E40 | T15 | 10,000hrs |
| MH400W/ED37/U/4200K | 400W | 4200K | 600μmol/s | E39/E40 | ED37 | 10,000hrs |
| MH1000W/BT37/U/4200K | 1000W | 4200K | 1600μmol/s | E39/E40 | BT37 | 10,000hrs |
| MH150W/TO46/5200K | 150W | 5200K | 180μmol/s | E39/E40 | TO46 | 8,000hrs |
| MH250W/TO46/HQI/D | 250W | D | 280μmol/s | E39/E40 | TO46 | 10,000hrs |
| MH400W/TO46/HQI/D/LU | 400W | D | 500μmol/s | E39/E40 | TO46 | 10,000hrs |
| MH600W/TO46/5200K/LU | 600W | 5200K | 850μmol/s | E39/E40 | TO46 | 10,000hrs |
| MH600W/TO46/4200K/LU | 600W | 4200K | 850μmol/s | E39/E40 | TO46 | 10,000hrs |
| MH1000W/TT64/D | 1000W | D | 1050μmol/s | E39/E40 | TT64 | 10,000hrs |

| Description | Power | Color Temp | PPF | Lamp Cap | Bulb | Lifetime |
|-------------------------|-------|------------|------------|----------|-------|-----------|
| MH400W/ED37/U/7200K/LU | 400W | 7200K | 550μmol/s | E39/E40 | ED37 | 10,000hrs |
| MH600W/TT76/U/4200K/LU | 600W | 4200K | 850μmol/s | E39/E40 | T23.5 | 10,000hrs |
| MH600W/TT76/U/7200K/LU | 600W | 7200K | 700μmol/s | E39/E40 | T23.5 | 10,000hrs |
| MH1000W/BT37/U/7200K/LU | 1000W | 7200K | 1500μmol/s | E39/E40 | BT37 | 10,000hrs |
| MH1000W/BT37/U/4200K/LU | 1000W | 4200K | 1600μmol/s | E39/E40 | BT37 | 10,000hrs |



Extra-Blue Metal halide lamps

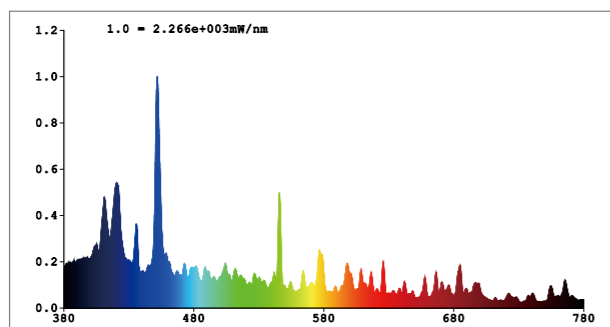
FEATURES

- More blue light design, targeted adjustment of the spectrum, conducive to promoting plant growth
- 7200K/10000K/14000K/20000K exceptional for young plants
- E39/E40

TECHNICAL SPECIFICATIONS

| Description | MOL | LCL | Power | PPF | Color Temp | Lamp Cap | Bulb | Lifetime |
|-----------------------|-------|-------|-------|------------|------------|----------|------|-----------|
| MH400W/T46/7200K | 292mm | 178mm | 400W | 550μmol/s | 7200K | E39/E40 | T46 | 10,000hrs |
| MH600W/TO46/5200K/LU | 292mm | 178mm | 600W | 700μmol/s | 5200K | E39/E40 | TO46 | 10,000hrs |
| MH250W/TO46/14000K | 274mm | 175mm | 250W | 240μmol/s | 14000K | E39/E40 | TO46 | 8,000hrs |
| MH400W/TO46/14000K/LU | 285mm | 175mm | 400W | 440μmol/s | 14000K | E39/E40 | TO46 | 8,000hrs |
| MH600W/TO46/14000K | 285mm | 175mm | 600W | 750μmol/s | 14000K | E39/E40 | TO46 | 8,000hrs |
| MH1000W/TT64/10000K | 292mm | 239mm | 1000W | 1400μmol/s | 10000K | E39/E40 | TT64 | 5,000hrs |
| MH1000W/TT64/20000K | 381mm | 239mm | 1000W | 800μmol/s | 20000K | E39/E40 | TT64 | 5,000hrs |

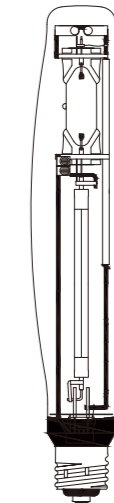
SPECTRUM



Dura-Arc MH-HPS lamps

FEATURES

- Full Spectrum
- Ideal for start-to-finish use
- Combine bet lighting spectrums in to one grow light

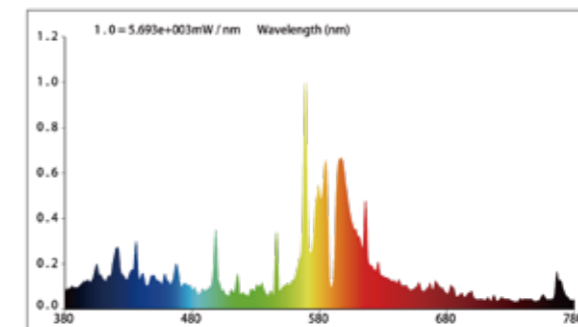


TECHNICAL SPECIFICATIONS

| Description | MOL | Power | PPF | Lamp Cap | ANSI | Lifetime |
|------------------|-------|-------|------------|----------|--------------|----------|
| MH-HPS400W/T46 | 292mm | 400W | 480μmol/s | E39 | EB1000W/S51 | 5,000hrs |
| MH-HPS600W/ET25 | 384mm | 600W | 650μmol/s | E39 | EB1000W/S106 | 5,000hrs |
| MH-HPS1000W/ET25 | 384mm | 1000W | 1400μmol/s | E39 | EB1000W/S52 | 5,000hrs |

| Description | MOL | Power | PPF | Lamp Cap | ANSI | Lifetime |
|------------------|-------|-------|------------|----------|------|----------|
| MH-HPS400W/T46 | 292mm | 400W | 480μmol/s | E40 | — | 5,000hrs |
| MH-HPS600W/ET25 | 384mm | 600W | 650μmol/s | E40 | — | 5,000hrs |
| MH-HPS1000W/ET25 | 384mm | 1000W | 1400μmol/s | E40 | — | 5,000hrs |

SPECTRUM





Protected double-ended ceramic metal halide lamps

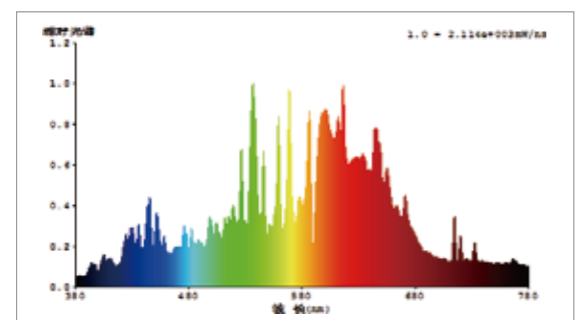
■ FEATURES

- Designed for plant growth
- US patented protective tube design
- Block harmful UVC
- High-power Ceramic HID Technology

■ TECHNICAL SPECIFICATIONS

| Description | Power | PPF | Color Temp | Ra |
|---------------------------|-------|------------------|------------|----|
| CMPDE 630W/P/3000K/Dual | 630W | 1200 μ mol/s | 3000K | 80 |
| CMPDE 630W/P/4200K/Dual | 630W | 1200 μ mol/s | 4200K | 90 |
| CMPDE 945W/P/3000K/Trilpe | 945W | 1600 μ mol/s | 3000K | 80 |
| CMPDE 945W/P/4200K/Trilpe | 945W | 1600 μ mol/s | 4200K | 88 |
| CMPDE 945W/P/3000K/Dual | 945W | 1800 μ mol/s | 3000K | 80 |
| CMPDE 945W/P/4200K/Dual | 945W | 1800 μ mol/s | 4200K | 90 |

■ SPECTRUM



Protected single-ended ceramic metal halide lamps

■ FEATURES

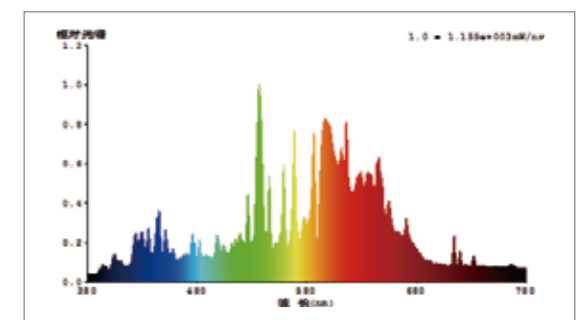
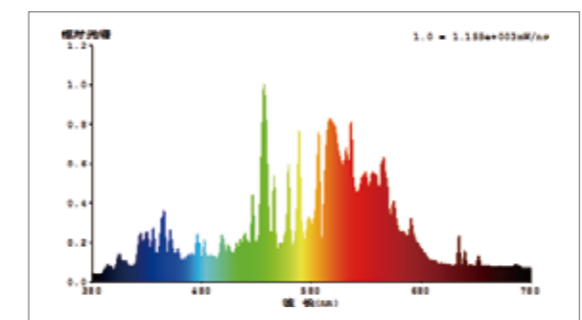
- Designed for plant growth
- US patented protective tube design
- Block harmful UVC
- High-power Ceramic HID Technology



■ TECHNICAL SPECIFICATIONS

| Description | Power | PPF | Color Temp | Ra |
|---------------------|-------|-----------------|------------|----|
| CMP315W/PGZX18 | 315W | 650 μ mol/s | 3000K | 85 |
| CMP315W/PGZX18 | 315W | 600 μ mol/s | 4200K | 90 |
| CMP315W/ED37/EX39 | 315W | 650 μ mol/s | 3000K | 85 |
| CMP315W/ED37/P/EX39 | 315W | 600 μ mol/s | 4200K | 90 |

■ SPECTRUM





Laboratory

Greenhouse · Plusrite



Cases



