

120W Two-Sided LED Under Canopy Grow Light, IP66

Product datasheet — Grow lights | Weltech (Shanghai) Co., Ltd.

Product code: WTGL012005

The WT120-2S is a 120 W two-sided LED under-canopy light that hangs inside the crop row and lights the underside of the canopy — the leaf area a top light never reaches. Both faces of the fixture emit, so shaded lower leaves keep photosynthesising and the canopy stays uniform from top to bottom.

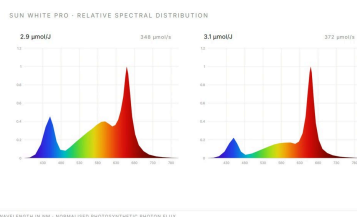


Key features ■

- Model: WT120-2S — two-sided LED under canopy light
- Power: 120 W $\pm 5\%$ · PPE 2.9 / 3.1 $\mu\text{mol/J}$ · PPF 348 / 372 $\mu\text{mol/s}$
- Spectrum: Sun White Pro — white 3030 + red 3535 660 nm
- 120–277 V (277–480 V option) · 0–10 V flicker-free dimming · PF > 0.95
- IP66 sealed aluminium body · 1150 × 85 × 105 mm · 3.0 kg
- Daisy-chain up to 30 fixtures · L90 > 50,000 h · CE / ETL / DLC / RoHS



Product detail



Product detail



Product detail

Specifications ▀

Parameter	Specification
Light engine	Two-sided LED, integrated driver
Rated power	120 W (±5%)
PPF	348 μmol/s · 372 μmol/s
PPE	2.9 μmol/J · 3.1 μmol/J
Spectrum	Sun White Pro — white 3030 + red 3535 (660 nm)
Input voltage	120–277 V AC, 50/60 Hz (277–480 V option)
Dimming	0–10 V, flicker-free
Power factor	> 0.95
Driver	Sosen constant-current driver
Ingress protection	IP66
Dimensions	1150 × 85 × 105 mm
Net weight	3.0 kg
Lifetime	L90 > 50,000 h
Daisy-chain	Up to 30 fixtures (120 V: 7 · 240 V: 15 · 277 V: 17 · 347 V: 20 · 480 V: 30)
Packaging	4 pcs per carton, 1185 × 208 × 205 mm
Certification	CE · ETL/cETL · DLC · RoHS

Specifications are typical values. Production tolerances and custom options are confirmed on the quotation.

Specification notes ▀

- Dimensions and tolerances are confirmed on the drawing or sample approved before production.
 - Custom sizes, colours, finishes and branding are available; tooling may apply for new shapes.
- Packing quantities are set per model; mixed cartons and pallet loading can be arranged.
 - Certificates and test reports are issued against the order and model.

Applications ■

- Indoor cultivation rooms and grow tents from propagation to flowering
- Vertical racking and multi-tier benches with low headroom
- Greenhouse supplementary lighting and research chambers

Customisation & OEM ■

Item	Options
Branding	Logo printing on product and carton, custom retail packaging
Product options	Size, colour, finish, wattage, spectrum, plug type and voltage to your market
Documentation	Commercial invoice, packing list, B/L, certificate pack, test report
Order terms	MOQ, price and lead time confirmed per specification and quantity

Packing & delivery ■

Item	Details
Packing	Export carton with inner protection; pallet or loose loading on request
Shipping	Express 5–9 days · air freight 7–12 days · LCL 20–40 days · FCL 20–45 days
Port	Shanghai, China
Payment	T/T, L/C at sight — confirmed with the order

Quality & compliance ■

- ISO 9001:2015 production management
- Pre-shipment inspection with photo report
- CE / ETL / RoHS documentation on request
- Batch traceability by order number
- Spare parts and after-sales support
- 12-month limited warranty

Ordering and technical support

Send the product, quantity and destination port. We reply the same day with price, lead time and shipping options.

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Product page: <https://weltechsh.com/product/120w-two-sided-led-under-canopy-grow-light/>

