

720W 6-Bar Foldable LED Grow Light, 660 nm

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

The GDG-720W-F-02 is a high-performance, 180-degree foldable 6-bar LED grow fixture engineered for indoor cultivation facilities, multi-tier vertical farming racks, and grow tents.



Key features ■

- 1,764 $\mu\text{mol/s}$ PPF at 2.45 $\mu\text{mol/J}$
- 2,088 diodes with 660nm deep red
- 180° foldable 6-bar frame for 5×5 ft coverage
- 0-10V knob and RJ12 daisy-chain dimming
- IP65 rated for commercial rooms
- OEM/ODM: custom spectrum ratio, wattage, housing colour, logo and retail packaging

Specifications ▀

Parameter / Specification	Value / Description
Model Number	GDG-720W-F-02
Rated Power Consumption	720W (\$pm 5%\$)
Input Voltage & Frequency	198–264V AC, 50/60Hz (200–240V nominal)
Photosynthetic Photon Flux (PPF)	1,764 μmol/s (\$380text{--}780 text{nm}\$)
Efficacy (EFF)	2.45 μmol/J
Total Luminous Flux	115,200 – 122,400 LM
Luminous Efficacy / CRI	150 – 160 LM/W CRI \$>\$ 7\$
Diode Configuration	2,088 Total LEDs (348 pcs / bar \$times\$ 6 Bars)
Spectrum Composition	Full Spectrum White Light + 660nm Plant Red Light
LED Chip Options	Epistar 2835 / Samsung White + 660nm Deep Red
Light Distribution / Beam Angle	6-Bar Array / \$120^{circ}\$ Wide Distribution
Power Factor (PF)	\$ge 0.95\$ (PF \$> 0.92\$)
Dimming & Control System	0–10V Rotary Knob + Dual RJ12 Ports (Daisy-Chain)
Fixture Unfolded Dimensions	\$1090 times 1050 times 47 text{mm}\$ (\$42.9 times 41.3 times 1.85 text{in}\$)
Packaging Dimensions (\$L times W times H\$)	\$1150 times 105 times 585 text{mm}\$ (\$45.3 times 4.1 times 23.0 text{in}\$)
Packaging Volume	\$70,638.75 text{cm}^3\$ (\$0.07 text{m}^3\$)
Net Weight / Gross Weight	7.7 kg (16.98 lbs) / 9.3 kg (20.5 lbs)
Housing Material & Color	Extruded Anodized Aluminum / Black or Slate Grey
Ingress Protection (IP Rating)	IP54 (Moisture & Dust Resistant for Indoor Cultivation)
Thermal Performance (Temp Rise)	Fanless Passive Cooling / \$\Delta T le 45text{K}\$
Operating / Storage Temperature	\$-37^{circ}text{C to }+55^{circ}text{C}\$ / \$-40^{circ}text{C to }+80^{circ}text{C}\$
Operating Humidity	\$< 95% text{RH}\$
Certifications & Compliance	North American ETL Standards / CE Certified Driver
Operational Lifespan	\$> 50,000 text{Hours}\$ (\$L_{90}\$)

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.
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Specifications are typical values and subject to change without prior notification. Printing certificate and test reports are available against the order and model.

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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/720w-6-bar-foldable-grow-light/>

