

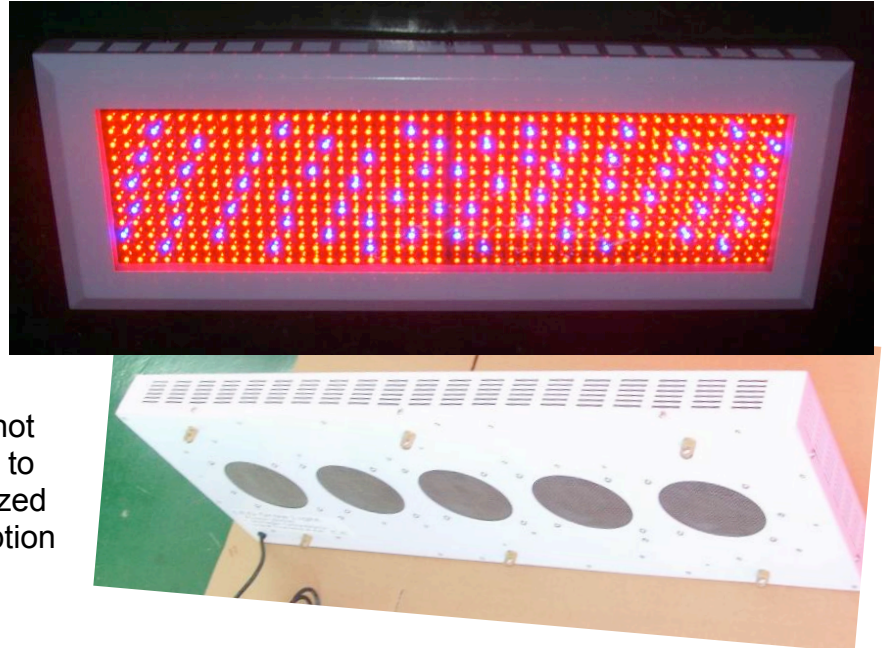


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Hydroponic 650W LED Grow Light

Replaces 1600-1850 WATT HPS – Potential 85% Energy Savings

LEDinsider's 650W LED grow-light replaces 1600-1850W HPS grow light. Enjoy energy savings of up to 85%. Specially designed to emit the bands of light most needed by plants and is available in two spectral patterns to meet your specific needs. Simple installation into standard USA wall outlet (120/230VAC). Unit runs quiet and cool: no heat removal equipment is needed. This hydroponic panel emits the spectral wavelength that the plants need and does not generate infrared nor ultraviolet. In addition to maximized energy efficiency, enjoy maximized light absorption by your plants (95% absorption compared to 20% from HPS/MHS).



- **Replacement For:** 1600-1850W HPS
- **Application:** Flowers, vegetables or seedlings in warm sheds, greenhouses, nurseries, home & urban garden, university research, etc.
- **Color:** Red Blue Hydroponic (see chart below) 576 LEDs Red and Blue (8:1)
- **Housing:** Advanced Heat Management Technology
- **Operating Temperature:** -20C to 50C (-4F to 122F) Starting Temp: -10C to 50C (14F to 122F)
- **Universal Power Voltages:** Operates 100V-120V
- **Covering Area (1.2M height):** 18.9 square meters
- **Photon flux density/moLs (1.2M):** 258.4
- **LED Source Life:** 50,000
- **Power Consumption:** 600 watts
- **Package Dimensions:** LxWxH 101.5mm x 41mm x 19mm
- **Weight:** Net: 15kg, Gross: 15.8 kg

Cautions: Indoor use only, Do not spray panel with water, keep all water off of light box. The led grow light lighting time plus sunlight lighting time should be 10-14hrs, over lighting and over watering can adversely affect growing speed.

Photo-metrics				
Product Number	Luminosity	Color Temperature	Beam Angle	PhotonDensity (moLs at 1.2m)
PNL-GW-300W-DUAL	22000 Lumen	Red: 660nm Blue: 460nm	120	258.4
PNL-GW-300W-TRI	25300 Lumen	Red: 625-635nm Blue: 460nm	120	