

## TECHNICAL SPECIFICATION

### AlgaeTron 230

| AlgaeTron 230   |   |
|---|---|
| <b>LED light illumination</b>   | Upper LED light panel: 25 x 35 cm; white LEDs with added far-red LEDs 735 nm (separately controllable)            |
|   | Lower two LED light panels: 33 x 46 cm; white LEDs with added far-red LEDs 735 nm (shared control)                |
| <b>Maximum Illumination Intensity</b><br>(Measured at 30 cm from the light panel) | Standard – upper panel up to 500 $\mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$ for warm / cool white LEDs   |
|   | Optional - upper panel up to 1,000 $\mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$ for warm / cool white LEDs |
|   | Two lower panels: up to 350 $\mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$ for each tier                     |
| <b>Controlled Temperature Range</b>   | +15°C to +45°C (shaking ON, maximum illumination ON)  |
|   | +10°C to + 55°C (shaking ON, maximum illumination ON) - optional  |
| <b>Number of Tiers with Illumination</b>  | 3   |
| <b>Growth Area</b>  | 0,53 m <sup>2</sup>   |
| <b>External dimensions ( W x D x H)</b>   | 60 x 62 x 170 cm  |
| <b>Internal dimensions (W x D x H)</b>  | 50 x 40 x 134 cm  |
| <b>Internal Volume</b>  | 265 liters  |
| <b>Weight</b>   | 70 kg   |
| <b>Power</b>  | 900 W   |
| <b>Warranty</b>   | 1 year parts and labor  |