

Minimum generic specifications for bid

Capable to be frequently used for research application testing short-term and long term plant growth of various row crops, forages, tomato, and both short and tall grasses.

- 3 programs: Diurnal, 24 hours, and non-24hr (elapsed time), programmable in ramping or non-ramping modes
- Up to 20 output channels for programmable events
- Dual electrical protection via primary and independent secondary limits
- Intensity up to 550 $\mu\text{moles}/\text{m}^2/\text{s}$ of light irradiance measured at 6" from the lamps
- All steel construction with a stainless steel floor and floor includes a floor drain and hose assembly
- Foamed in place non-CFC insulation
- Door opening is 29" wide by 57" tall
- White epoxy coated steel wire shelving measuring 27" deep by 28.8" wide
- Self-contained air-cooled condensing unit utilizing a hot gas bypass for continuous compressor operation
- Heat rejection is standard design
- Horizontal airflow from a perforated rear plenum

Temperature Range

- - Lights On: 10-44°C ($\pm 0.5^\circ\text{C}$)
- - Lights Off: 2-44°C ($\pm 0.5^\circ\text{C}$)

Dimensions

- Exterior: W 30" x D 30" x H 70"
- Interior Space: 29ft³
- Total Shelving Area: 10ft²
- Growth Height: up to 40"