

LED LAMP

SPECIFICATIONS

Ideal For

Plant Grow Light

Features

- Emits spectrum wavelengths and color for photosynthetic response
- Suitable For Damp Locations
- Rated for high humidity use
- Non-Dimmable
- UL/CUL Listed
- FCC Compliant
- 100% Mercury Free
- 2 Year Warranty

Benefits

- Low heat emission and low energy consumption
- Adjustable spectrum for seeding, vegetative growth and flowering
- Change grow light spectrum with the flip of a wall switch
- Cooler lamp operation retains moisture in plants while preventing lamp burn



LIGHTING SUMMARY, HORTICULTURAL APPLICATION			
Normalized Photon Flux: White+Blue 	Voltage (VAC) 120V Current (A) 0.28 Power (W) 30 PPF/PAR (μmol/s) 43.0 PPF/PAR efficacy (μmol/J) 1.47	Range (nm) 400-499 22.5 500-599 12.5 600-700 8	Photon Flux (μmol/s) Luminous Flux (lm) CRI (Ra)
Normalized Photon Flux: White 	Voltage (VAC) 120V Current (A) 0.28 Power (W) 30 PPF/PAR (μmol/s) 41.0 PPF/PAR efficacy (μmol/J) 1.37	Range (nm) 400-499 12 500-599 17.5 600-700 11.5	Photon Flux (μmol/s) Luminous Flux (lm) CRI (Ra)
Normalized Photon Flux: White+Red 	Voltage (VAC) 120V Current (A) 0.28 Power (W) 30 PPF/PAR (μmol/s) 39.0 PPF/PAR efficacy (μmol/J) 1.3	Range (nm) 400-499 8.5 500-599 12.5 600-700 18	Photon Flux (μmol/s) Luminous Flux (lm) CRI (Ra)

Red and blue ends of the visible part of the electromagnetic spectrum are used by plants in photosynthesis.
 Extrémités rouges et bleues de la partie visible du spectre électromagnétique sont utilisées par les plantes lors de la photosynthèse.

Chlorophyll a & b are the primary pigments for photosynthesis in plants with absorption peaks at approximately 450nm and 630nm.
 Chlorophyll a et b sont les pigments primaires pour la photosynthèse des plantes avec des pics d'absorption à environ 450nm et 630nm.

▶ Red and blue ends of the visible part of the electromagnetic spectrum are used by plants in photosynthesis.

▶ Chlorophyll a & b are the primary pigments for photosynthesis in plants with absorption peaks at approximately 454nm and 630nm.

Specifications

Item Number	Input Power (Watts)	Input Line Voltage	Base Type	Life Hours	MOL	Diameter
PAR38ADJGRW/LED/HDRP	30	120	E26 (Medium)	25,000	5.3"	4.78"