# 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 retians moisture in plants while preventing lamp burn

**LIGHTING SUMMARY, HORTICULTURAL APPLICATION**

| | | | | |
|---|---|---|---|---|
| Voltage (VAC) | 120V | PPF/PAR (µmol/s) | 43.0 | Normalized Photon Flux: White+Blue |
| Current (A) | 0.28 | PPF/PAR efficacy (µmol/J) | 1.47 | |
| Power (W) | 30 | | | |
| Range (nm) | Photon Flux (µmol/s) | Luminous Flux (lm) | 2100 | |
| 400-499 | 22.5 | CRI (Ra) | 80 | |
| 500-599 | 12.5 | | | |
| 600-700 | 8 | | | |

| | | | | |
|---|---|---|---|---|
| Voltage (VAC) | 120V | PPF/PAR (µmol/s) | 41.0 | Normalized Photon Flux: White |
| Current (A) | 0.28 | PPF/PAR efficacy (µmol/J) | 1.37 | |
| Power (W) | 30 | | | |
| Range (nm) | Photon Flux (µmol/s) | Luminous Flux (lm) | 2700 | |
| 400-499 | 12 | CRI (Ra) | 80 | |
| 500-599 | 17.5 | | | |
| 600-700 | 11.5 | | | |

| | | | | |
|---|---|---|---|---|
| Voltage (VAC) | 120V | PPF/PAR (µmol/s) | 39.0 | Normalized Photon Flux: White+Red |
| Current (A) | 0.28 | PPF/PAR efficacy (µmol/J) | 1.3 | |
| Power (W) | 30 | | | |
| Range (nm) | Photon Flux (µmol/s) | Luminous Flux (lm) | 2200 | |
| 400-499 | 8.5 | CRI (Ra) | 80 | |
| 500-599 | 12.5 | | | |
| 600-700 | 18 | | | |

- 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 utilisés 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 | |
|---|---|---|---|
| PAR38ADJGRW/LED/HDRP | 30 | 120 | |
| **Base Type** | **Life Hours** | **MOL** | **Diameter** |
| E26 (Medium) | 15,000 | 5.3″ | 4.78″ |