



LampType: LED

Brand: MAXLITE, INC

# Horticultural Performance

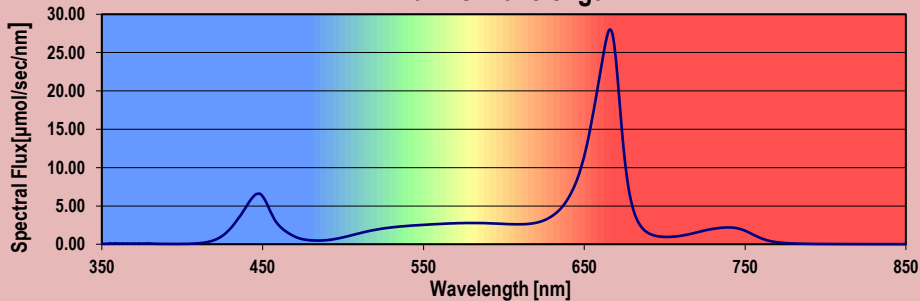
Model: PH-GH600UFSRF-WC0

|                                      |                         |                            |                           |
|--------------------------------------|-------------------------|----------------------------|---------------------------|
| Power:                               | 591.4 W                 | Voltage:                   | 120.08 V                  |
| Power Factor:                        | 0.999                   | Current:                   | 4.93 A                    |
| Far Red Photon Flux:                 | 103.4 $\mu\text{mol/s}$ | PAR Flux:                  | 1224.18 $\mu\text{mol/s}$ |
| Far Red Photon Efficacy:             | 0.175 $\mu\text{mol/J}$ | PAR Efficacy:              | 2.070 $\mu\text{mol/J}$   |
| Q90 Far Red Photon Flux Maintenance: | >54000 hours            | Q90 PAR Flux Maintenance:  | >60000 hours              |
| Luminous Flux:                       | 41430 lm                | PAR Conversion Efficiency: | 41.8 %                    |
| Luminous Efficacy:                   | 70.1 lm/W               | Peak Wavelength:           | 665.9 nm                  |
| Case Temperature:                    | 61.5 $^{\circ}\text{C}$ | PSS:                       | 0.85                      |
| CCT:                                 | 3426 $^{\circ}\text{K}$ | R/FR:                      | 8.77                      |
| CRI:                                 | 63.1                    |                            |                           |

### Total Photon Flux versus Wavelength Bands

| Waveband (nm)    | Photon Flux ( $\mu\text{mol/s}$ ) | Waveband (nm)      | Photon Flux ( $\mu\text{mol/s}$ ) |
|------------------|-----------------------------------|--------------------|-----------------------------------|
| 350-399 (UV):    | 3.83 (0.29%)                      | 700-799 (Far Red): | 103.44 (7.77%)                    |
| 400-499 (Blue):  | 188.62 (14.16%)                   | 800-850 (IR)       | 1.0594 (0.08%)                    |
| 500-599 (Green): | 230.55 (17.31%)                   | 400-700 (PAR):     | 1224.2 (91.9%)                    |
| 600-699 (Red):   | 804.56 (60.4%)                    | 350-850 (Total):   | 1332.1 (100%)                     |

Flux vs Wavelength



|                             |   |                      |   |            |    |
|-----------------------------|---|----------------------|---|------------|----|
| Active Cooling:             | Y | Adjustable Spectrum: | N | IP Rating: | 66 |
| Photobiological Risk Group: |   | RISK GROUP 2         |   |            |    |

All results are at full device output. See listing for additional setting information.

All results are in accordance with IES LM79-2008; Approved Method for Electrical and Photometric Testing of Solid-State Lighting.

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