



LampType: LED

Brand: MAXLITE, INC

Horticultural Performance

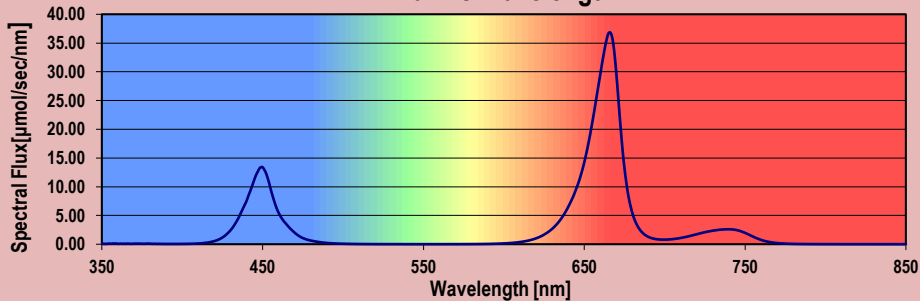
Model: PH-GH600UBXRF-WC0

Power:	545.8 W	Voltage:	120.01 V
Power Factor:	0.999	Current:	4.554 A
Far Red Photon Flux:	112.9 $\mu\text{mol/s}$	PAR Flux:	1234.74 $\mu\text{mol/s}$
Far Red Photon Efficacy:	0.207 $\mu\text{mol/J}$	PAR Efficacy:	2.262 $\mu\text{mol/J}$
Q90 Far Red Photon Flux Maintenance:	>54000 hours	Q90 PAR Flux Maintenance:	>60000 hours
Luminous Flux:	11480 lm	PAR Conversion Efficiency:	46.1 %
Luminous Efficacy:	21.0 lm/W	Peak Wavelength:	665.7 nm
Case Temperature:	60.8 $^{\circ}\text{C}$	PSS:	0.85
CCT:	22000 $^{\circ}\text{K}$	CRI:	-285.2
		R/FR:	9.62

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):	4.26 (0.32%)	700-799 (Far Red):	112.94 (8.35%)
400-499 (Blue):	322.75 (23.87%)	800-850 (IR)	0.5431 (0.04%)
500-599 (Green):	3.50 (0.26%)	400-700 (PAR):	1234.7 (91.32%)
600-699 (Red):	908.11 (67.16%)	350-850 (Total):	1352.1 (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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