



LampType: LED

Brand: MAXLITE, INC

Horticultural Performance

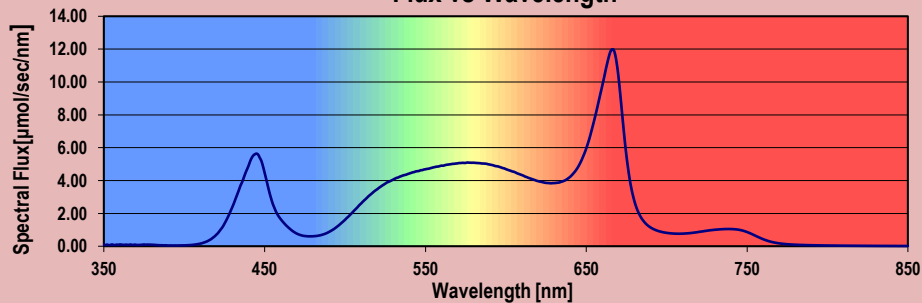
Model: PH-GH600UBPRF-WC0

Power:	582.9 W	Voltage:	120.073 V
Power Factor:	0.999	Current:	4.86039 A
Far Red Photon Flux:	57.73 $\mu\text{mol/s}$	PAR Flux:	1088.51 $\mu\text{mol/s}$
Far Red Photon Efficacy:	0.099 $\mu\text{mol/J}$	PAR Efficacy:	1.867 $\mu\text{mol/J}$
Q90 Far Red Photon Flux Maintenance:	>54000 hours	Q90 PAR Flux Maintenance:	>60000 hours
Luminous Flux:	65560 lm	PAR Conversion Efficiency:	39.2 %
Luminous Efficacy:	112.5 lm/W	Peak Wavelength:	666.1 nm
Case Temperature:	62.9 $^{\circ}\text{C}$	PSS:	0.85
CCT:	4224 $^{\circ}\text{K}$	CRI:	79.9
		R/FR:	7.93

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):	3.85 (0.33%)	700-799 (Far Red):	57.733 (5.02%)
400-499 (Blue):	172.65 (15%)	800-850 (IR)	1.3665 (0.12%)
500-599 (Green):	423.82 (36.82%)	400-700 (PAR):	1088.5 (94.56%)
600-699 (Red):	491.65 (42.71%)	350-850 (Total):	1151.1 (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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