



LampType: LED

Brand: MAXLITE, INC

Horticultural Performance

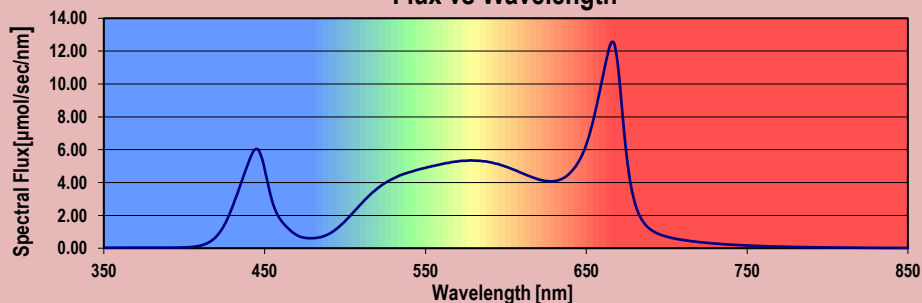
Model: PH-GH600UBPRX-WC0

Power:	578.3 W	Voltage:	120.07 V
Power Factor:	0.999	Current:	4.82223 A
Far Red Photon Flux:	23.19 $\mu\text{mol/s}$	PAR Flux:	1143.70 $\mu\text{mol/s}$
Far Red Photon Efficacy:	0.040 $\mu\text{mol/J}$	PAR Efficacy:	1.978 $\mu\text{mol/J}$
Q90 Far Red Photon Flux Maintenance:	>42000 hours	Q90 PAR Flux Maintenance:	>60000 hours
Luminous Flux:	68740 lm	PAR Conversion Efficiency:	41.5 %
Luminous Efficacy:	118.9 lm/W	Peak Wavelength:	666.1 nm
Case Temperature:	61.6 $^{\circ}\text{C}$	PSS:	0.86
CCT:	4199 $^{\circ}\text{K}$	R/FR:	25.64
CRI:	80.1		

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):	1.89 (0.16%)	700-799 (Far Red):	23.189 (1.98%)
400-499 (Blue):	181.87 (15.54%)	800-850 (IR)	1.5684 (0.13%)
500-599 (Green):	443.50 (37.91%)	400-700 (PAR):	1143.7 (97.75%)
600-699 (Red):	518.00 (44.27%)	350-850 (Total):	1170 (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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