



LampType: LED

Brand: MAXLITE, INC

Horticultural Performance

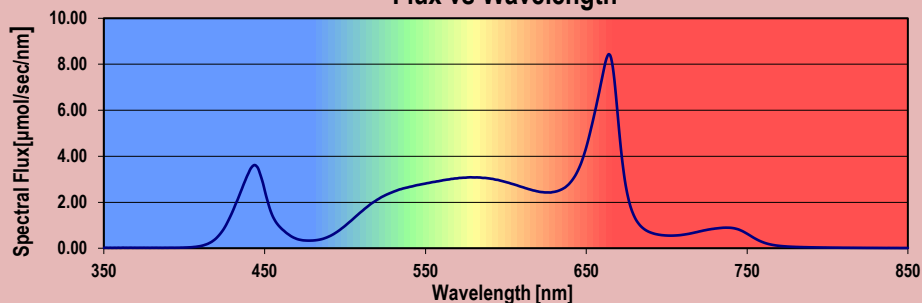
Model: PH-GH360UBPRF-WC0

Power:	362.1 W	Voltage:	120.126 V
Power Factor:	0.997	Current:	3.02375 A
Far Red Photon Flux:	44.58 $\mu\text{mol/s}$	PAR Flux:	680.13 $\mu\text{mol/s}$
Far Red Photon Efficacy:	0.123 $\mu\text{mol/J}$	PAR Efficacy:	1.878 $\mu\text{mol/J}$
Q90 Far Red Photon Flux Maintenance:	>54000 hours	Q90 PAR Flux Maintenance:	>60000 hours
Luminous Flux:	39980 lm	PAR Conversion Efficiency:	39.3 %
Luminous Efficacy:	110.4 lm/W	Peak Wavelength:	663.9 nm
Case Temperature:	59.4 °C	PSS:	0.85
CCT:	4082 °K	R/FR:	6.39
CRI:	81.1		

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):	1.11 (0.15%)	700-799 (Far Red):	44.584 (6.14%)
400-499 (Blue):	105.20 (14.48%)	800-850 (IR)	0.9195 (0.13%)
500-599 (Green):	256.28 (35.28%)	400-700 (PAR):	680.13 (93.62%)
600-699 (Red):	318.40 (43.83%)	350-850 (Total):	726.49 (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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