

Light Source Spectrum Test Report

Product Mark

Model No. :

Manufacturer :

Temperature : admin'C

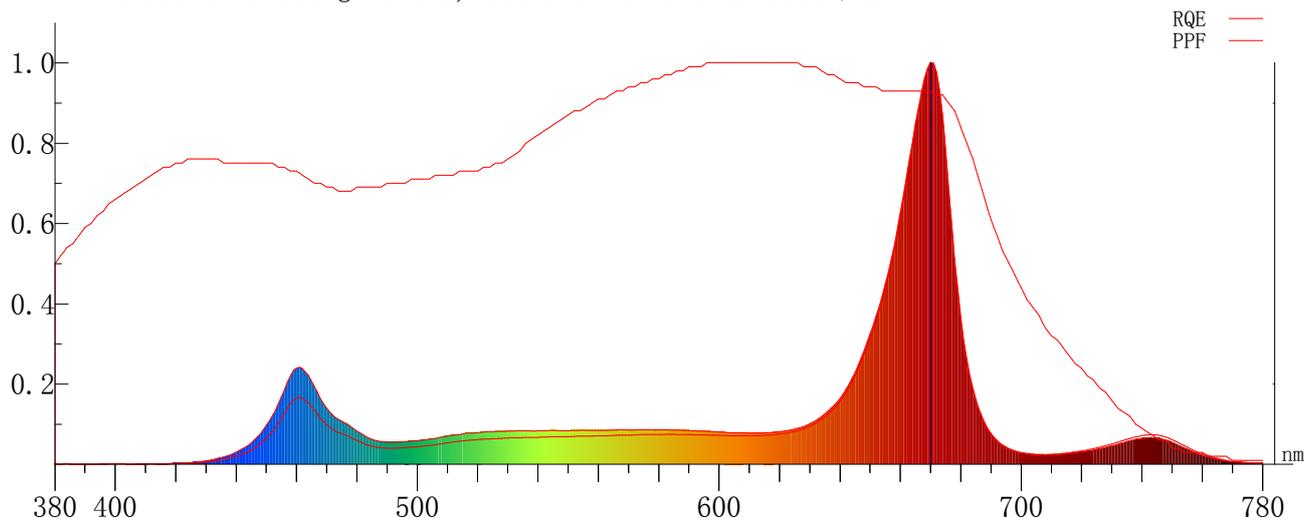
Humidity : 65%

Operator : admin

Test Date : 2025-06-19 14:13:40

Remark :

Current Wavelength:670nm, Absolute Power:1932.255mW/nm



Photosynthetically Parameters

PPF=430.414umol/s	PPFuv=0.120umol/s	PPFb=51.720umol/s
PPFg=72.623umol/s	PPFr=306.070umol/s	PPFir=31.572umol/s
PRF=73.9W		Photon Flux=462.106umol/s
PHIeuv=0.0369W	PHIeb=13.2842W	PHIeg=15.7365W
PHIer=55.4306W	PHIefr=5.1289W	R:B=4.1727
300~400nm: 0.0%	401~500nm: 14.8%	501~600nm: 17.6%
601~700nm: 61.9%	701~800nm: 5.7%	>800nm: 0.0%

Photo Parameters

Flux:13114.55lm	PPE:2.7umol/J	Radiant:89.62W
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Ele. Parameters

Voltage:U=220.000V

Current:I=0.7200A

Power:P=157.00W

Power Factor:PF=0.986

Instrument state

Instrument Type:Hopoo HPS2000 Integral Time: 9.000ms VPeak: 50218

Instrument ID: 202110020

Scan Range: 380-780nm

VDark: 2106