

## Light Source Spectrum Test Report

### Product Mark

Model No. :

Manufacturer :

Temperature : admin'C

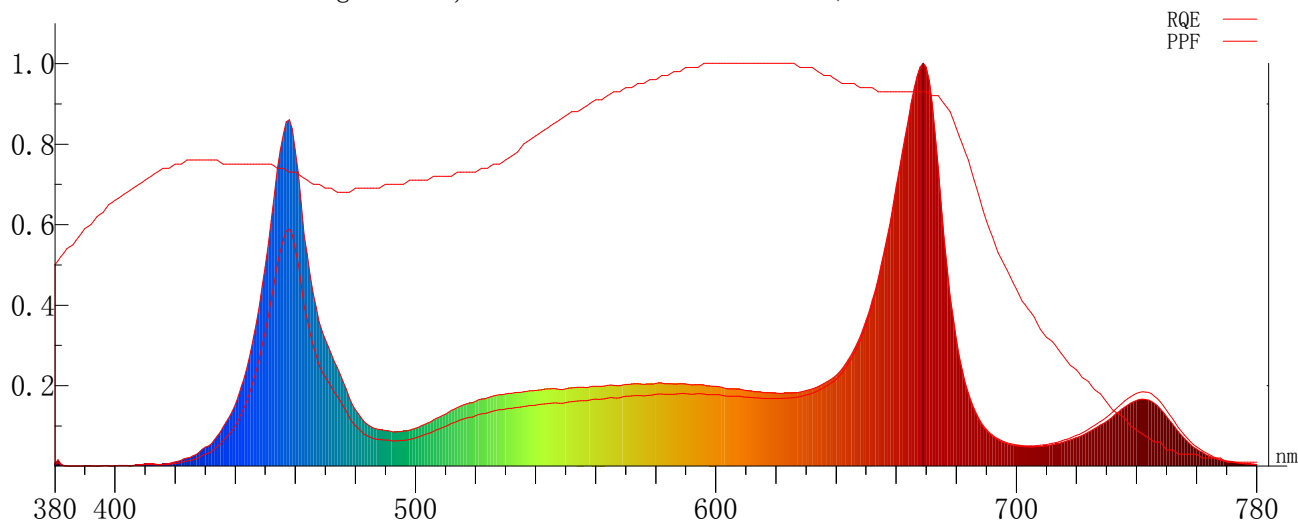
Humidity : 65%

Operator : admin

Test Date : 2025-09-05 11:22:45

Remark :

Current Wavelength:669nm, Absolute Power:9177.243mW/nm



### Photosynthetically Parameters

PPF=3173.060umol/s

PPFuv=1.273umol/s

PPFb=734.070umol/s

PPFg=772.239umol/s

PPFr=1666.750umol/s

PPFir=338.719umol/s

PRF=564.7W

Photon Flux=3513.050umol/s

PHIeuv=0.3959W

PHIeb=190.8530W

PHIeg=166.6370W

PHIer=304.3010W

PHIefr=55.0481W

R:B=1.5944

300~400nm: 0.1%

401~500nm: 26.6%

501~600nm: 23.2%

601~700nm: 42.4%

701~800nm: 7.7%

&gt;800nm: 0.0%

### Photo Parameters

Flux:133687.27lm

PPE:3.0umol/J

Radiant:717.24W

### Ele. Parameters

Voltage:U=220.000V

Current:I=4.7400A

Power:P=1046.00W

Power Factor:PF=0.995

### Instrument state

Instrument Type:Hopoo HPS2000

Integral Time: 1.000ms

VPeak: 30457

Instrument ID: 202110020

Scan Range: 380-780nm

VDark: 1608