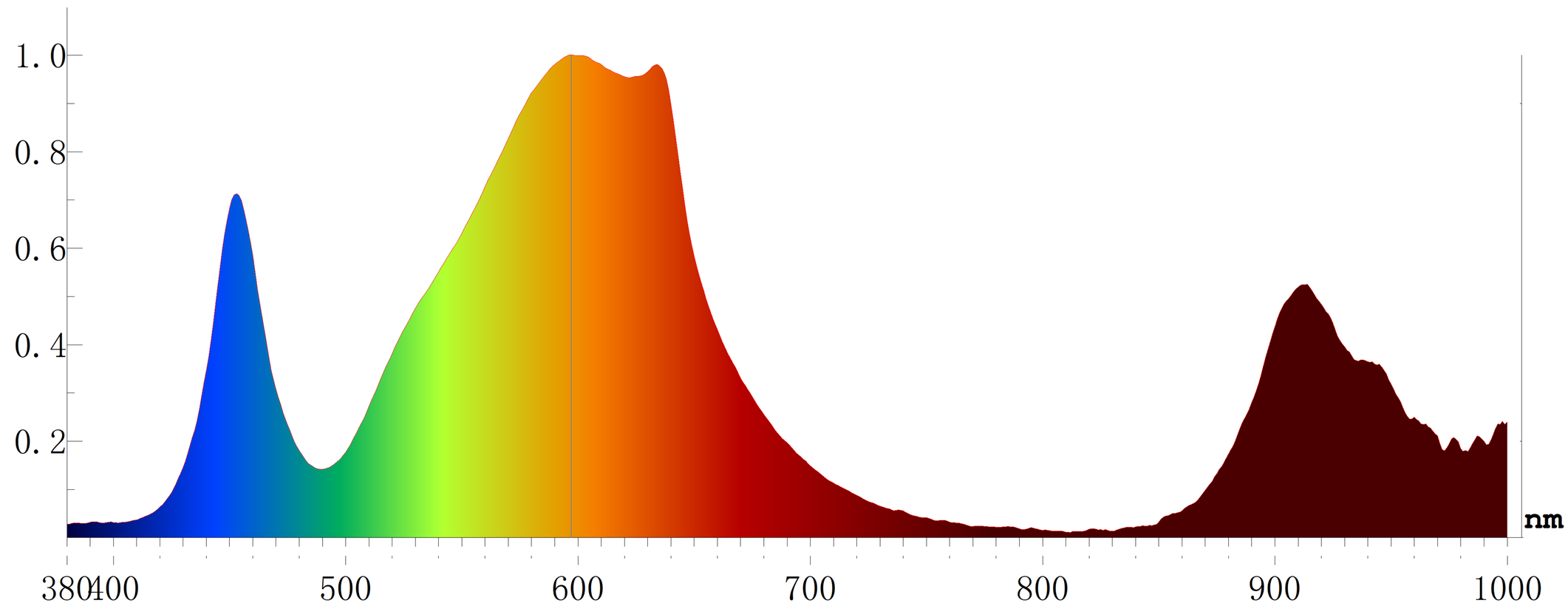
Light Source Spectrum Test Report

Product Mark

Model No. :admin
Manufacturer :admin
Temperature :25'C
Humidity :65%
Operator :admin
Test Date :2019-08-02 10:45:16
Remark :

Current Wavelengh:597nm,Absolute Power:67.381mW/nm



Photosynthetically Parameters

PPF=48.900umol/s
PPFuv=0.136umol/s
PPFb=6.681umol/s
PPFg=20.256umol/s
PPFr=21.963umol/s
PPFir=24.219umol/s
PRF=9.1W
Photon Flux=73.255umol/s
PHIeuv=0.0417W
PHIeb=1.7506W
PHIeg=4.3127W
PHIer=4.1326W
PHIefr=3.2007W
R:B=2.3607
300~400nm: 0.3%
401~500nm: 13.0%
501~600nm: 32.1%
601~700nm: 30.8%
701~800nm: 2.7%
>800nm: 21.0%
ΦchA=0.1830W
ΦchAt=0.6274J
PPE=1.7umol/J
ΦchB=0.1084W
ΦchBt=0.3717J
PFE=0.460W/W

Photo Parameters

Flux:3333.96lm
Radiant:13.44W

Ele. Parameters

Voltage:U=220.200V
Current:I=0.2440A
Power:P=29.30W
Power Factor:PF=0.543

Instrument state

Instrument Type:Hopoo HPS2000
Integral Time: 291.666ms
VPeak: 57099
Instrument ID: 201905049
Scan Range: 380-1000nm
VDark: 2408