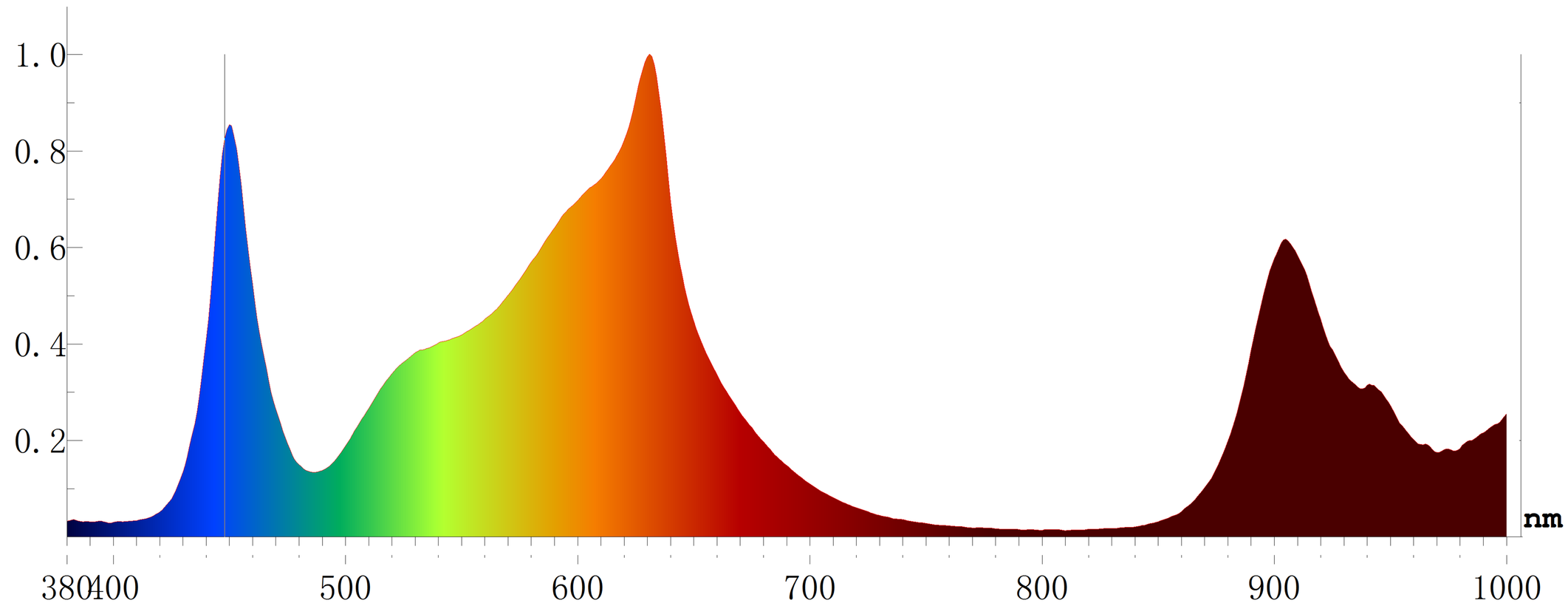
Light Source Spectrum Test Report

Product Mark

Model No. :admin
Manufacturer :admin
Temperature :25'C
Humidity :65%
Operator :admin
Test Date :2019-08-09 16:38:16
Remark :

Current Wavelengh:448nm,Absolute Power:274.343mW/nm



Photosynthetically Parameters

PPF=191.741umol/s
PPFuv=0.699umol/s
PPFb=33.853umol/s
PPFg=68.973umol/s
PPFr=88.915umol/s
PPFir=118.543umol/s
PRF=35.5W
Photon Flux=310.984umol/s
PHIeuv=0.2149W
PHIeb=8.8911W
PHIeg=14.7670W
PHIer=16.7389W
PHIefr=15.6099W
R:B=1.8827
300~400nm: 0.4%
401~500nm: 15.8%
501~600nm: 26.3%
601~700nm: 29.8%
701~800nm: 2.3%
>800nm: 25.4%
ΦchA=0.7405W
ΦchAt=12.6947J
PPE=3.1umol/J
ΦchB=0.4831W
ΦchBt=8.2823J
PFE=0.920W/W

Photo Parameters

Flux:11865.87lm
Radiant:56.22W

Ele. Parameters

Voltage:U=219.900V
Current:I=0.2860A
Power:P=61.10W
Power Factor:PF=0.968

Instrument state

Instrument Type:Hopoo HPS2000
Integral Time: 58.333ms
VPeak: 51399
Instrument ID: 201905049
Scan Range: 380-1000nm
VDark: 2140