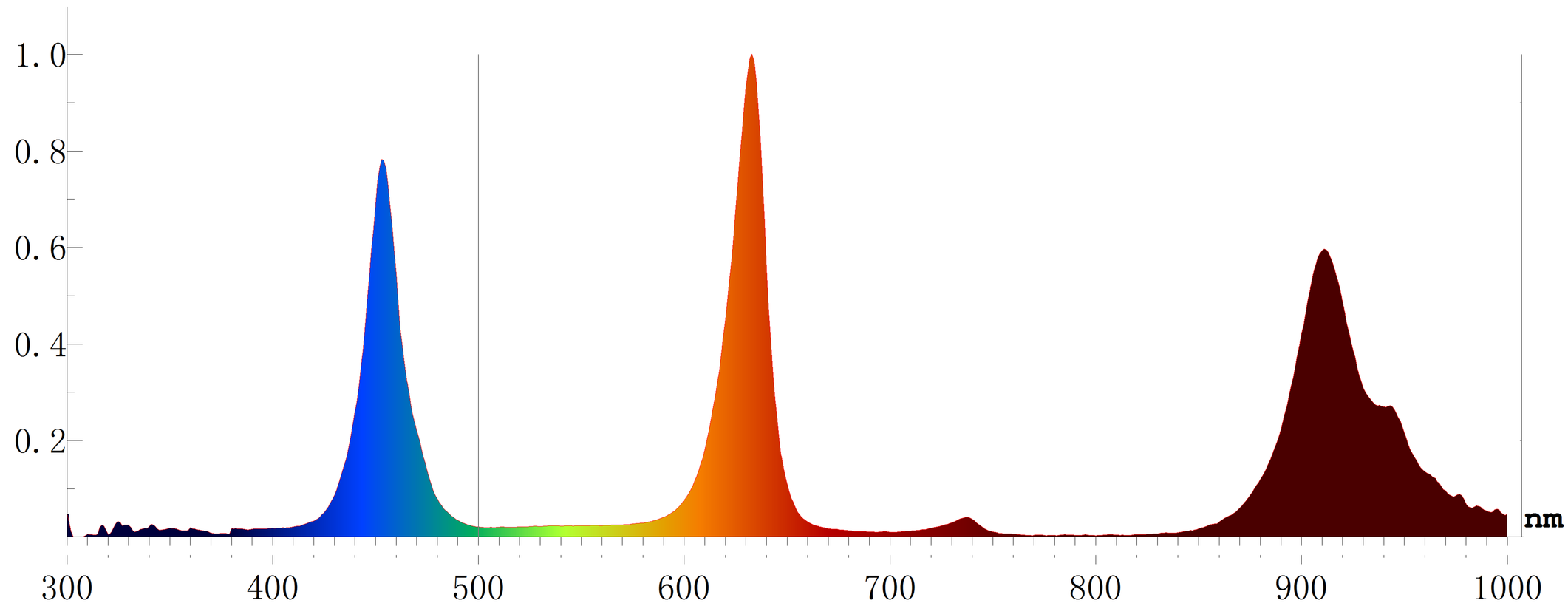
Light Source Spectrum Test Report

Product Mark

Model No. :
Manufacturer :
Temperature :25'C
Humidity :65%
Operator :admin
Test Date :2020-06-17
Remark :

Current Wavelengh:500nm,Absolute Power:4.248mW/nm



Photosynthetically Parameters

PPF=43.273umol/s
PPFuv=0.881umol/s
PPFb=15.330umol/s
PPFg=2.617umol/s
PPFr=25.325umol/s
PPFir=51.147umol/s
PRF=8.2W
Photon Flux=95.301umol/s
PHIeuv=0.3010W
PHIeb=4.0412W
PHIeg=0.5600W
PHIer=4.8021W
PHIefr=6.7009W
R:B=1.1883
300~400nm: 1.8%
401~500nm: 24.6%
501~600nm: 3.4%
601~700nm: 29.3%
701~800nm: 1.6%
>800nm: 39.2%
ΦchA=0.1140W
ΦchAt=1.1397J
PPE=2.2umol/J
ΦchB=0.4301W
ΦchBt=4.3010J
PFE=0.824W/W

Photo Parameters

Flux:1350.00lm
Radiant:16.41W

Ele. Parameters

Voltage:U=220.600V
Current:I=0.1640A
Power:P=19.90W
Power Factor:PF=0.548

Instrument state

Instrument Type:Hopoo HPS2000
Integral Time: 100.000ms
VPeak: 58428
Instrument ID: 201905049
Scan Range: 300-1000nm
VDark: 2297