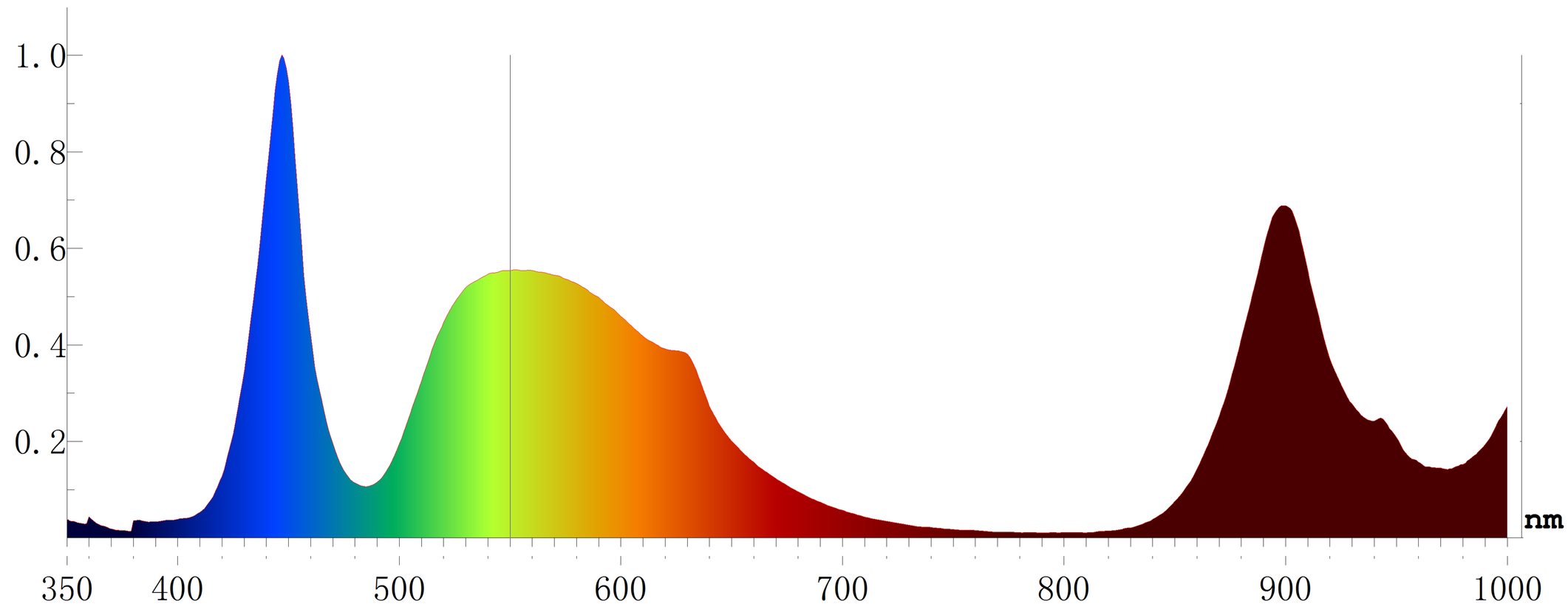
Light Source Spectrum Test Report

Product Mark

Model No. :2835
Manufacturer :
Temperature :25'C
Humidity :65%
Operator :admin
Test Date :2019-12-09 14:29:50
Remark :

Current Wavelengh:550nm,Absolute Power:61.749mW/nm



Photosynthetically Parameters

PPF=52.302umol/s
PPFuv=0.521umol/s
PPFb=13.327umol/s
PPFg=25.093umol/s
PPFr=13.882umol/s
PPFir=41.697umol/s
PRF=9.8W
Photon Flux=94.520umol/s
PHIeuv=0.1663W
PHIeb=3.5444W
PHIeg=5.4220W
PHIer=2.6186W
PHIefr=5.5052W
R:B=0.7388
300~400nm: 1.0%
401~500nm: 20.5%
501~600nm: 31.4%
601~700nm: 15.2%
701~800nm: 1.5%
>800nm: 30.3%
ΦchA=0.1718W
ΦchAt=0.6870J
PPE=2.9umol/J
ΦchB=0.1223W
ΦchBt=0.4893J
PFE=0.938W/W

Photo Parameters

Flux:3762.19lm
Radiant:17.26W

Ele. Parameters

Voltage:U=220.400V
Current:I=0.1570A
Power:P=18.30W
Power Factor:PF=0.528

Instrument state

Instrument Type:Hopoo HPS2000
Integral Time: 250.000ms
VPeak: 56780
Instrument ID: 201905049
Scan Range: 350-1000nm
VDark: 1976