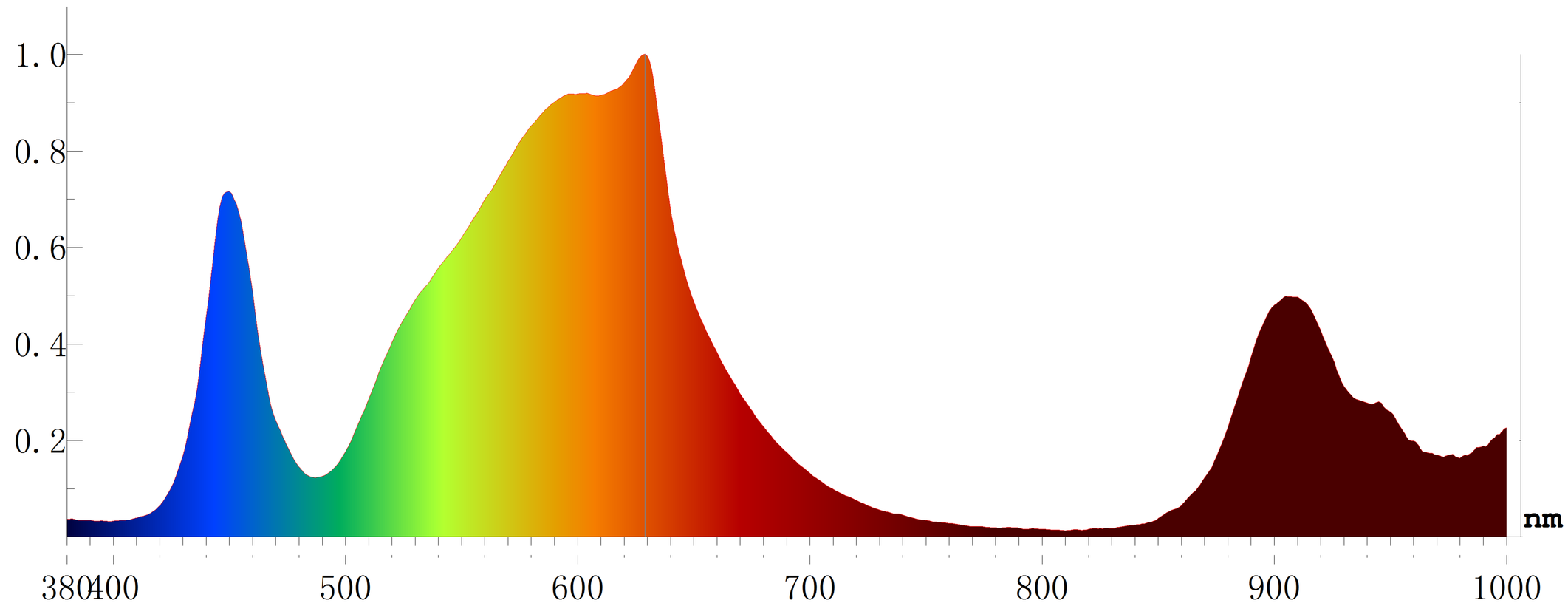
Light Source Spectrum Test Report

Product Mark

Model No. :admin
Manufacturer :admin
Temperature :25'C
Humidity :65%
Operator :admin
Test Date :2019-08-02 10:21:24
Remark :

Current Wavelengh:629nm,Absolute Power:131.744mW/nm



Photosynthetically Parameters

PPF=90.130umol/s
PPFuv=0.295umol/s
PPFb=12.896umol/s
PPFg=38.139umol/s
PPFr=39.095umol/s
PPFir=44.500umol/s
PRF=16.8W
Photon Flux=134.924umol/s
PHIeuv=0.0905W
PHIeb=3.3956W
PHIeg=8.1382W
PHIer=7.3655W
PHIefr=5.8962W
R:B=2.1691
300~400nm: 0.4%
401~500nm: 13.6%
501~600nm: 32.7%
601~700nm: 29.6%
701~800nm: 2.5%
>800nm: 21.1%
ΦchA=0.3290W
ΦchAt=2.0780J
PPE=3.1umol/J
ΦchB=0.2062W
ΦchBt=1.3020J
PFE=0.852W/W

Photo Parameters

Flux:6237.79lm
Radiant:24.89W

Ele. Parameters

Voltage:U=219.900V
Current:I=0.2410A
Power:P=29.20W
Power Factor:PF=0.551

Instrument state

Instrument Type:Hopoo HPS2000
Integral Time: 158.333ms
VPeak: 55335
Instrument ID: 201905049
Scan Range: 380-1000nm
VDark: 2054