

# Spectrum Test Report

## Sample Info.:

Name:HPLED 50w 30cm

Type:S-1

SN:001

Manu:EVERFINE

Date:2019-04-24

Tester:Admin

TMP:25.3 DEG

Humidity:65 %RH

Remark:-----

## Meter state:

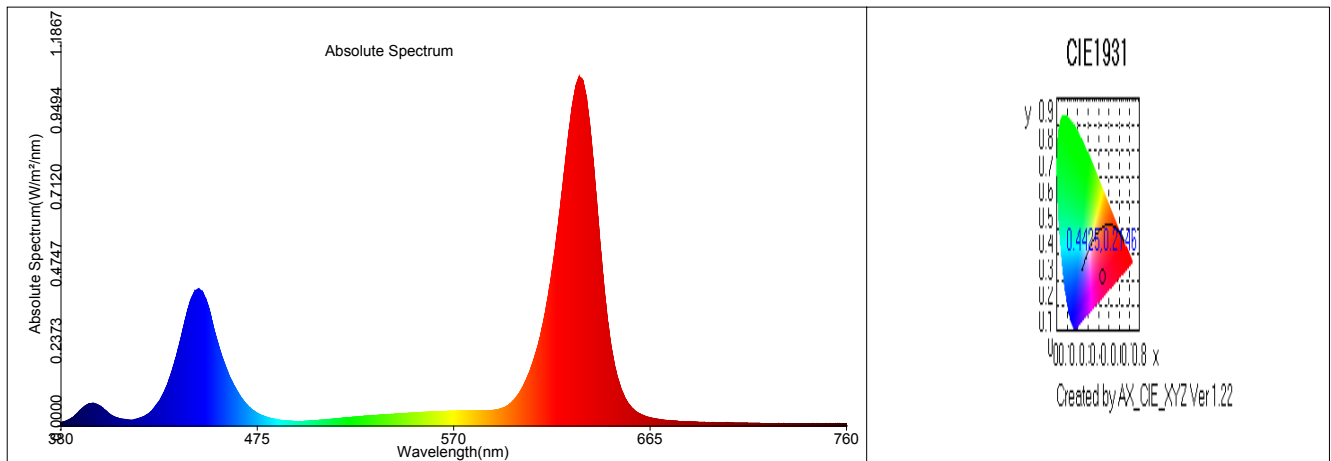
Test Meter: PLA-20

Sensitivity: High

Integral T: 5 ms

PeakAD Ip: 41130.7

Average times: 1



## Test parameter:

E= 8642.5 lx

E(fc)=803.207 fc

CIE x= 0.4425

CIE y= 0.2146

CIE u'=0.3774

CIE v'=0.4118

Tc=1339 K

Lp=631.0 nm

HW=22.2 nm

Ld=610.2 nm

Pur=48.4 %

Ratio\_R=68.2 %

Ratio\_G=27.5 %

Ratio\_B=4.2 %

Duv=0.08502

Ra=37.1

R1= 52

R2= 31

R3= 36

R4= 86

R5= 28

R6=-37

R7= 31

R8= 69

R9= 71

R10=-31

R11= 52

R12=-214

R13= 31

R14= 74

R15= 64

SDCM=98.7(2700K\_C78.376)

White Class:OUT

E1(400-700nm)=0 W/m²

E2(380-780nm)=0 W/m²

Ech-A=0 W/m²

Ech-B=0 W/m²

Ef=0 W/m²

Eb=12.921 W/m²

Ey=4.1926 W/m²

Er=30.586 W/m²

Ep=43.926 Wphyto/m²

Erb\_Ratio=2.3672

PPFDf=4.9164E+001 µmol/(m²·s)

PPFD=228.85 µmol/(m²·s)

# Spectrum Test Report

## Sample Info.:

Name:HPLED 50w 60cm

Type:S-1

SN:001

Manu:EVERFINE

Date:2019-04-24

Tester:Admin

TMP:25.3 DEG

Humidity:65 %RH

Remark:-----

## Meter state:

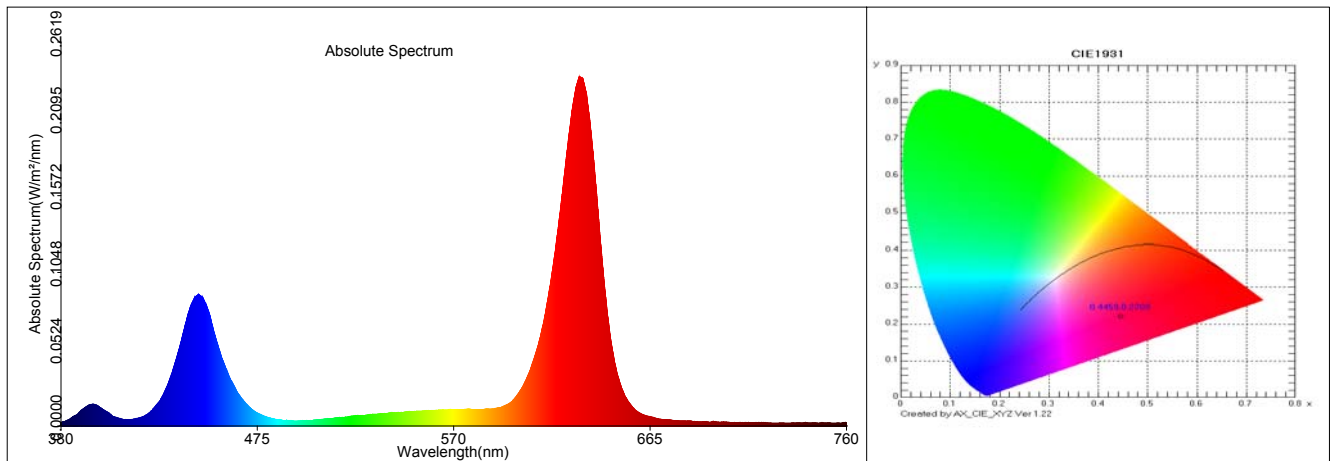
Test Meter: PLA-20

Sensitivity: High

Integral T: 24 ms

PeakAD Ip: 43568.9

Average times: 1



## Test parameter:

E= 1958.8 lx

E(fc)=182.043 fc

CIE x= 0.4459

CIE y= 0.2209

CIE u'=0.3748

CIE v'=0.4178

Tc=1358 K

Lp=631.0 nm

HW=22.3 nm

Ld=620.9 nm

Pur=44.1 %

Ratio\_R=66.6 %

Ratio\_G=29.4 %

Ratio\_B=4.1 %

Duv=0.08115

Ra=40.2

R1= 51

R2= 34

R3= 43

R4= 82

R5= 29

R6=-30

R7= 37

R8= 75

R9= 71

R10=-24

R11= 48

R12=-196

R13= 32

R14= 78

R15= 63

SDCM=96.5(2700K\_C78.376)

White Class:OUT

E1(400-700nm)=0 W/m²

E2(380-780nm)=0 W/m²

Ech-A=0 W/m²

Ech-B=0 W/m²

Ef=0 W/m²

Eb=2.7765 W/m²

Ey=1.012 W/m²

Er=6.8169 W/m²

Ep=9.7707 Wphyto/m²

Erb\_Ratio=2.4553

PPFDf=1.0941E+001 µmol/(m²·s)

PPFD=50.997 µmol/(m²·s)