

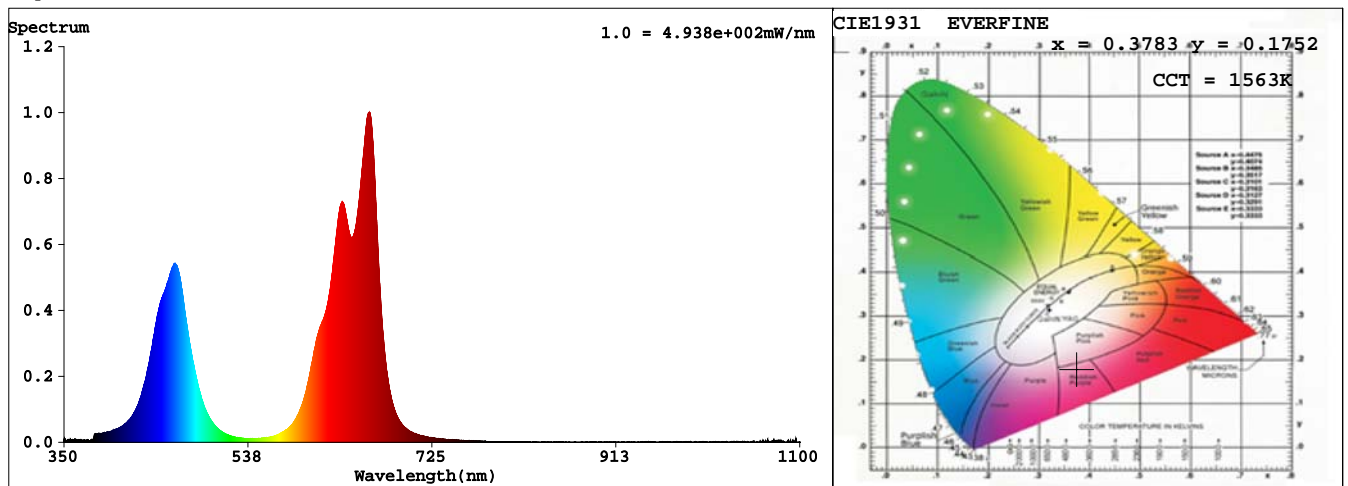
Spectrum Test Report

Sample	: 200	Date	: 2019-12-27 09:43:18
Specification	:	Standardtus	:
Sample No.	: 1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: 赵志桐
Remark	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 350nm-1100nm	IP	: 25342 (39%)
Test Mode	: Fast Test	T	: 403 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3783$ $y = 0.1752$ / $u' = 0.3482$ $v' = 0.3629$ ($duv=1.19e-01$) $Dx, Dy: -0.1995, -0.2219$
 CCT= 1563K Prcp WL: $L_d = -537.2nm$ Purity=36.2%
 Peak WL: $L_p = 662nm$ FWHM: =48.5nm Ratio:R=65.9% G=20.8% B=13.3%

Render Index: $R_a = 20.3$ AvgR = 15.3 TM30:Rf=1 Rg=212

R1 =8	R2 =0	R3 =0	R4 =80	R5 =0	R6 =0	R7 =0	
R8 =74	R9 =0	R10=0	R11=58	R12=0	R13=0	R14=0	R15=9

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 4434.6 lm Eff. : 35.46 lm/W Fe = 38.767 W
 Flux of emitted photons($\mu mol/s$):187.13 Fluo. and blue light ratio:1.968 Fluorescent eff.:204.5
 B: 3.8781e+004mW
 Photons1:1.877e+002 $\mu mol/s$ (350~1000nm) Photons2:1.400e+002 $\mu mol/s$ (500~1000nm)
 Photosynthetic:PPF(400-700nm):183.58 $\mu mol/s$ PRF(400-700nm):37858mW
 Eff(PPF) (400-700nm):1.47 $\mu mol/s/W$

Electrical parameters

V = 110.0 V I = 1.143 A P = 125.1 W PF = 0.9949 F=50.01 Hz

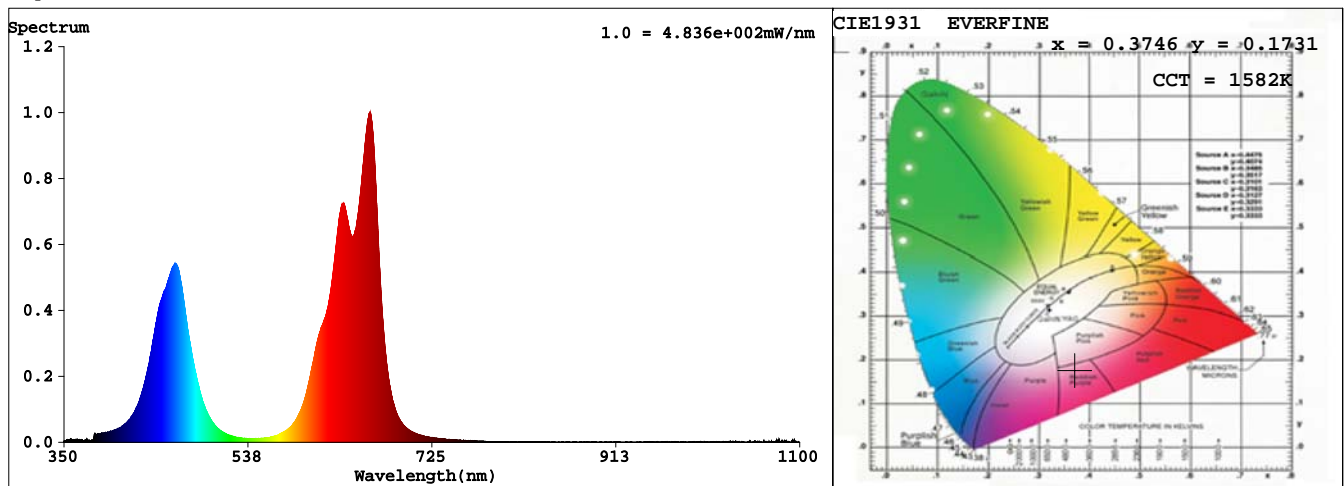
Spectrum Test Report

Sample	: 200	Date	: 2019-12-27 09:44:20
Specification	:	Standard	: tus
Sample No.	: 2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: 赵志桐
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 350nm-1100nm	IP	: 25607 (39%)
Test Mode	: Fast Test	T	: 416 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3746$ $y = 0.1731$ / $u' = 0.3462$ $v' = 0.3599$ ($duv=1.21e-01$) $Dx, Dy: -0.2009, -0.2252$
 CCT= 1582K Prcp WL: $L_d = -539.2nm$ Purity=37.7%
 Peak WL: $L_p = 662nm$ FWHM: =48.6nm Ratio: R=65.7% G=20.5% B=13.8%

Render Index: $R_a = 19.6$ $AvgR = 14.1$ TM30: $R_f = 1$ $R_g = 214$

R1 =3 R2 =0 R3 =0 R4 =80 R5 =0 R6 =0 R7 =0
 R8 =74 R9 =0 R10=0 R11=53 R12=0 R13=0 R14=0 R15=2
 LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 4251.8 lm Eff. : 35.82 lm/W $F_e = 38.023 W$
 Flux of emitted photons($\mu mol/s$):183.7 Fluo. and blue light ratio:1.955 Fluorescent eff.:207.4
 B: 3.8036e+004mW
 Photons1:1.842e+002 $\mu mol/s$ (350~1000nm) Photons2:1.372e+002 $\mu mol/s$ (500~1000nm)
 Photosynthetic:PPF(400-700nm):180.12 $\mu mol/s$ PRF(400-700nm):37128mW
 Eff(PPF) (400-700nm):1.52 $\mu mol/s/W$

Electrical parameters

V = 220.5 V I = 0.5502 A P = 118.7 W PF = 0.9784 F=50.01 Hz