

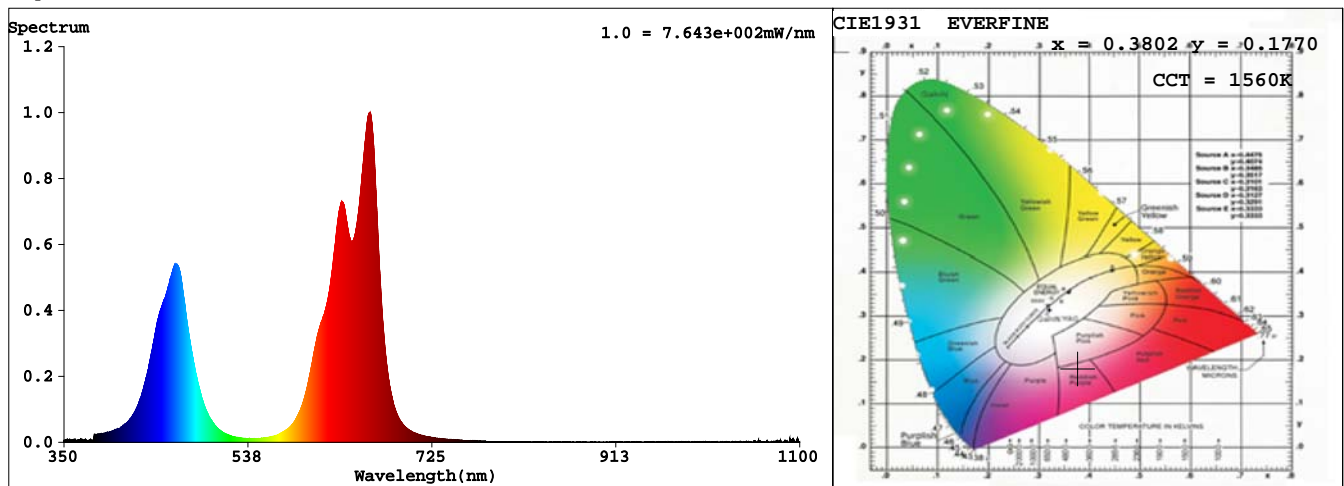
Spectrum Test Report

Sample	: 300	Date	: 2020-01-02 10:51:11
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	: 25165 (38%)
Test Mode	: Fast Test	T	: 279 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3802$ $y = 0.1770$ / $u' = 0.3485$ $v' = 0.3650$ ($duv=1.17e-01$) $Dx,Dy:-0.1980,-0.2200$
 CCT= 1560K Prcp WL: $L_d=-536.0nm$ Purity=35.3%
 Peak WL: $L_p=662nm$ FWHM: =49.7nm Ratio:R=66.0% G=20.5% B=13.4%

Render Index: $R_a = 20.3$ AvgR = 15.2 TM30:Rf=2 Rg=207

R1 =8	R2 =0	R3 =0	R4 =81	R5 =0	R6 =0	R7 =0	
R8 =74	R9 =0	R10=0	R11=56	R12=0	R13=0	R14=0	R15=9

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 6881.5 lm Eff. : 36.10 lm/W Fe = 60.240 W
 Flux of emitted photons($\mu mol/s$):291.26 Fluo. and blue light ratio:2.001 Fluorescent eff.:209.7
 B: 6.0262e+004mW
 Photons1:2.922e+002 $\mu mol/s(350\sim 1000nm)$ Photons2:2.188e+002 $\mu mol/s(500\sim 1000nm)$
 Photosynthetic:PPF(400-700nm):285.58 $\mu mol/s$ PRF(400-700nm):58791mW
 Eff(PPF) (400-700nm):1.50 $\mu mol/s/W$

Electrical parameters

V = 110.0 V I = 1.741 A P = 190.6 W PF = 0.9951 F=50.01 Hz

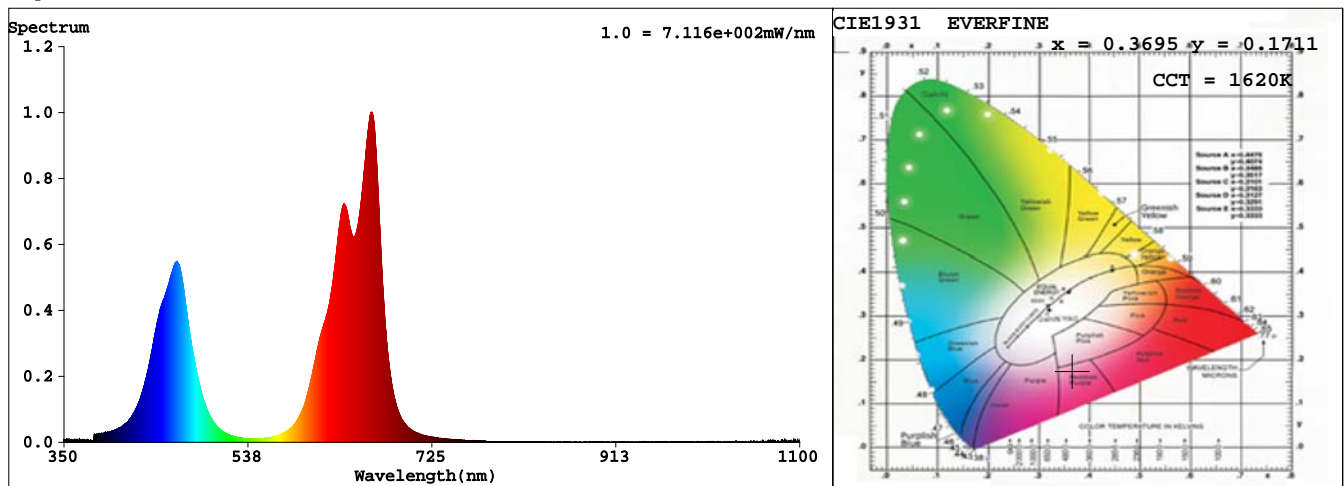
Spectrum Test Report

Sample	: 300	Date	: 2020-01-02 10:55:14
Specification	:	Standardtus	:
Sample No.	: 2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: 赵志桐
Remark	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 350nm-1100nm	IP	: 25645 (39%)
Test Mode	: Fast Test	T	: 306 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3695$ $y = 0.1711$ / $u' = 0.3426$ $v' = 0.3570$ ($duv=1.23e-01$) $Dx, Dy: -0.2013, -0.2292$
 CCT= 1620K Prcp WL: $L_d = -541.7nm$ Purity=39.4%
 Peak WL: $L_p = 664nm$ FWHM: =49.7nm Ratio:R=65.4% G=19.8% B=14.8%

Render Index: $R_a = 18.5$ AvgR = 12.6 TM30:Rf=1 Rg=210

R1 = 0 R2 = 0 R3 = 0 R4 = 77 R5 = 0 R6 = 0 R7 = 0
 R8 = 70 R9 = 0 R10 = 0 R11 = 41 R12 = 0 R13 = 0 R14 = 0 R15 = 0
 LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 6077.2 lm Eff. : 34.66 lm/W Fe = 56.716 W
 Flux of emitted photons($\mu mol/s$):274.63 Fluo. and blue light ratio:1.956 Fluorescent eff.:209.6
 B: 5.6725e+004mW
 Photons1:2.755e+002 $\mu mol/s$ (350~1000nm) Photons2:2.055e+002 $\mu mol/s$ (500~1000nm)
 Photosynthetic:PPF(400-700nm):268.83 $\mu mol/s$ PRF(400-700nm):55278mW
 Eff(PPF) (400-700nm):1.53 $\mu mol/s/W$

Electrical parameters

V = 220.4 V I = 0.8123 A P = 175.3 W PF = 0.9793 F=50.00 Hz