

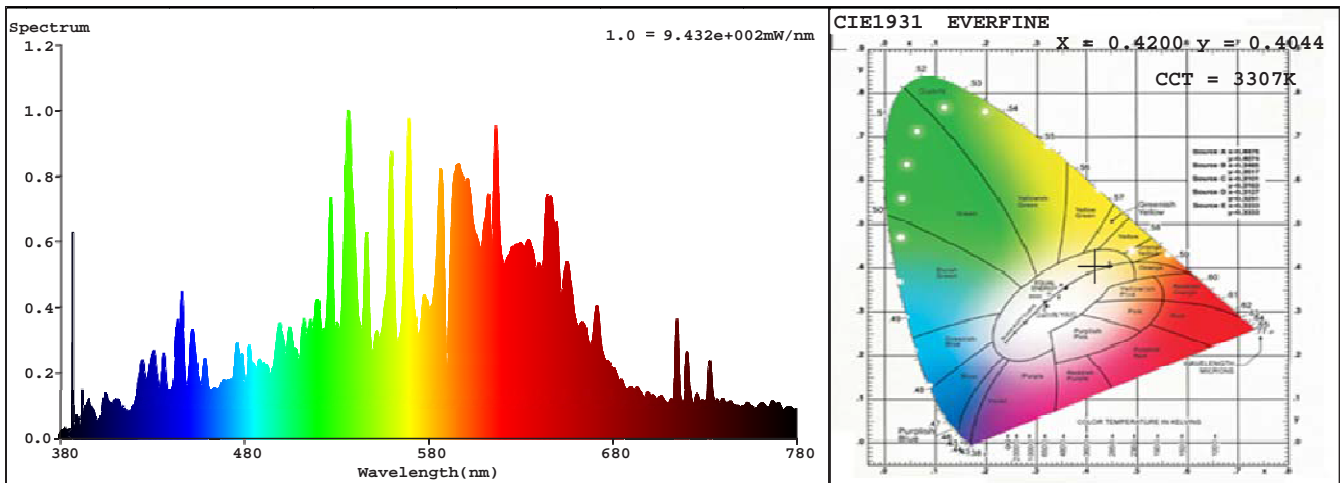
Spectrum Test Report

Sample	:	Date	:	2017-10-14 08:54:24
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	ZENGMINGLI
		Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	48882 (75%)
Test Mode	:	Fast Test	T	:	1172 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4200$ $y = 0.4044$ / $u' = 0.2396$ $v' = 0.5190$ ($duv=2.84e-03$)

CCT= 3257K Prcp WL: $L_d=580.5nm$ Purity=47.5%

Peak WL: $L_p=536nm$ FWHM: =7.1nm Ratio: R=22.6% G=74.3% B=3.1%

Render Index: $R_a = 92.8$

R1 =95 R2 =95 R3 =92 R4 =96 R5 =94 R6 =95 R7 =94
R8 =82 R9 =52 R10=85 R11=96 R12=85 R13=95 R14=94 R15=89

LEVEL:OUT WHITE:ANSI 3500K

Photometric & Radiometric Parameters

Flux = 33307 lm Eff. : 108.88 lm/W $F_e = 114.71 W$

Flux of emitted photons($\mu mol/s$):558.3 Flu. and blue light ratio:330.3 Fluorescent eff.:367.8

Photosynthetic:PPF:500.2 $\mu mol/s$ PAR WATT:1.0468e+005mW(400-700nm)

Electrical parameters

V = 96.60 V I = 3.219 A P = 305.9 W PF = 0.9837