

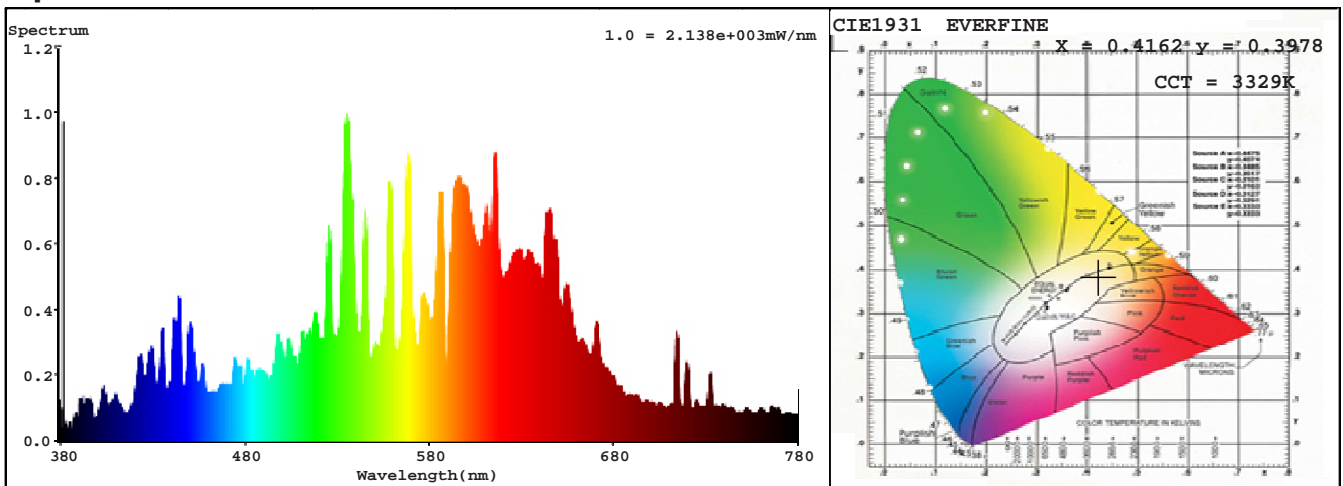
Spectrum Test Report

Sample	:	Date	:	2017-12-24 11:30:44
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	:	51907 (79%)
Test Mode	:	Fast Test	T	:	616 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4162$ $y = 0.3978$ / $u' = 0.2399$ $v' = 0.5158$ ($duv=8.09e-04$)
 CCT= 3229K Prcp WL: $L_d=581.2nm$ Purity=44.3%
 Peak WL: $L_p=537nm$ FWHM: $=7.2nm$ Ratio: R=22.9% G=74.0% B=3.1%

Render Index: $R_a = 92.6$

R1 =97 R2 =95 R3 =90 R4 =94 R5 =95 R6 =95 R7 =93
 R8 =82 R9 =52 R10=84 R11=95 R12=85 R13=97 R14=93 R15=90
 LEVEL:OUT WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 72693 lm Eff. : 113.94 lm/W $F_e = 252.77 W$
 Flux of emitted photons($\mu mol/s$):1223.8 Fluo. and blue light ratio:298.8 Fluorescent eff.:353.3
 Photosynthetic:PPF:1095.6 $\mu mol/s$ PAR WATT:2.3012e+005mW(400-700nm)

Electrical parameters

V = 185.3 V I = 3.849 A P = 638.0 W PF = 0.8945