

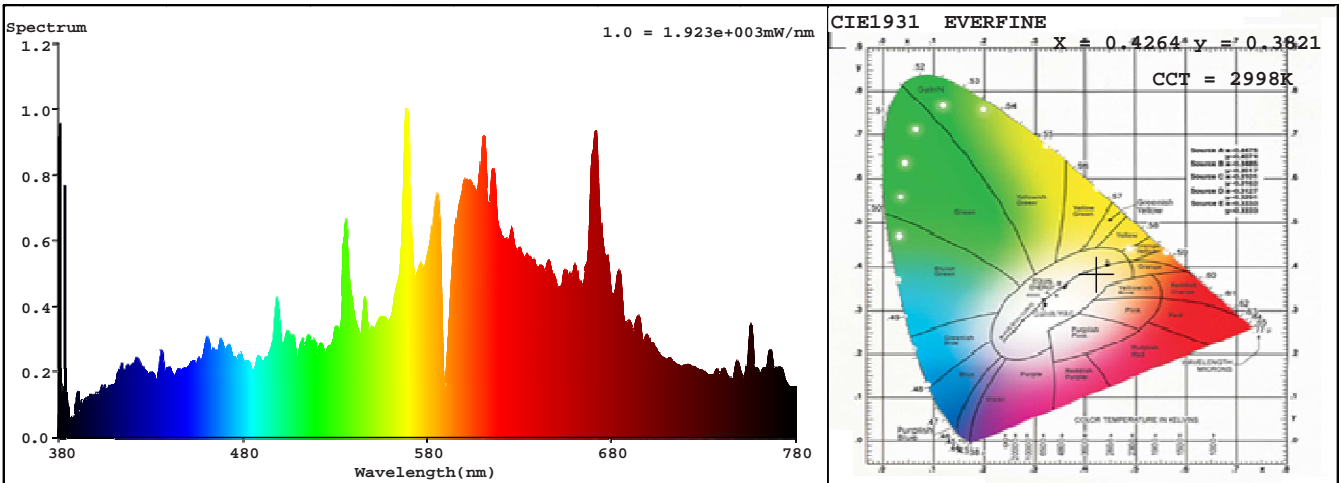
Spectrum Test Report

Sample	:	Date	:	2017-02-16 16:44:03
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	:	32178 (49%)
Test Mode	:	Fast Test	T	:	400 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4264$ $y = 0.3821$ / $u' = 0.2533$ $v' = 0.5108$ ($duv = -7.58e-03$)
 CCT= 2998K Prcp WL: $L_d = 586.1nm$ Purity=42.6%
 Peak WL: $L_p = 569nm$ FWHM: =7.2nm Ratio: R=25.9% G=70.4% B=3.7%

Render Index: $R_a = 91.3$

R1 =94 R2 =98 R3 =93 R4 =91 R5 =95 R6 =96 R7 =88
 R8 =76 R9 =52 R10=97 R11=91 R12=92 R13=95 R14=97 R15=91
 LEVEL:OUT WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 64267 lm Eff. : 100.87 lm/W $F_e = 267.54 W$
 Flux of emitted photons($\mu mol/s$):1329.4 Fluo. and blue light ratio:177.7 Fluorescent eff.:367.0
 Photosynthetic:PPF:1115.9 $\mu mol/s$ PAR WATT:2.3076e+005mW(400-700nm)

Electrical parameters

V = 200.7 V I = 3.612 A P = 637.1 W PF = 0.8788