

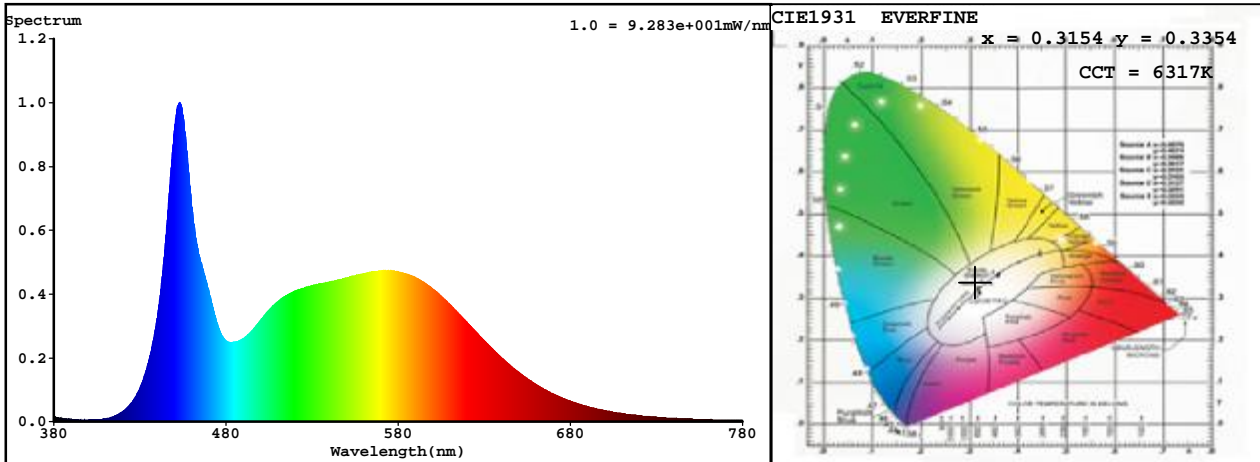
Spectrum Test Report

Sample :	Date :	2017-10-28 16:28:02
Specification :	Sam. Status :	
Sample No. : 1	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	
	Assessor :	damin

Test Condition

Temperature :	25.3Deg	RH :	65.0%
WL Range :	380nm-780nm	IP :	57449 (88%)
Test Mode :	Fast Test	T :	100 ms
		Sensitivity :	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3154$ $y = 0.3354$ / $u' = 0.1973$ $v' = 0.4721$ ($duv=5.10e-03$)

CCT= 6317K Prcp WL: $L_d=493.2nm$ Purity=5.9%

Peak WL: $L_p=453nm$ FWHM: $\approx 21.6nm$ Ratio: R=13.0% G=81.2% B=5.7%

Render Index: $R_a = 80.8$

R1 =78	R2 =88	R3 =93	R4 =78	R5 =79	R6 =83	R7 =85	
R8 =62	R9 =-12	R10=71	R11=77	R12=56	R13=81	R14=96	R15=72

Photometric & Radiometric Parameters

Flux = 2809.3 lm Eff. : 151.89 lm/W Fe = 8.8311 W Scotopic:6259.5 S/P:2.2281

Photosynthetic:PPF:38.63umol/s PAR WATT:8617mW(400-700nm)

Electrical parameters

V = 230.6 V I = 0.08351 A P = 18.50 W PF = 0.9605