

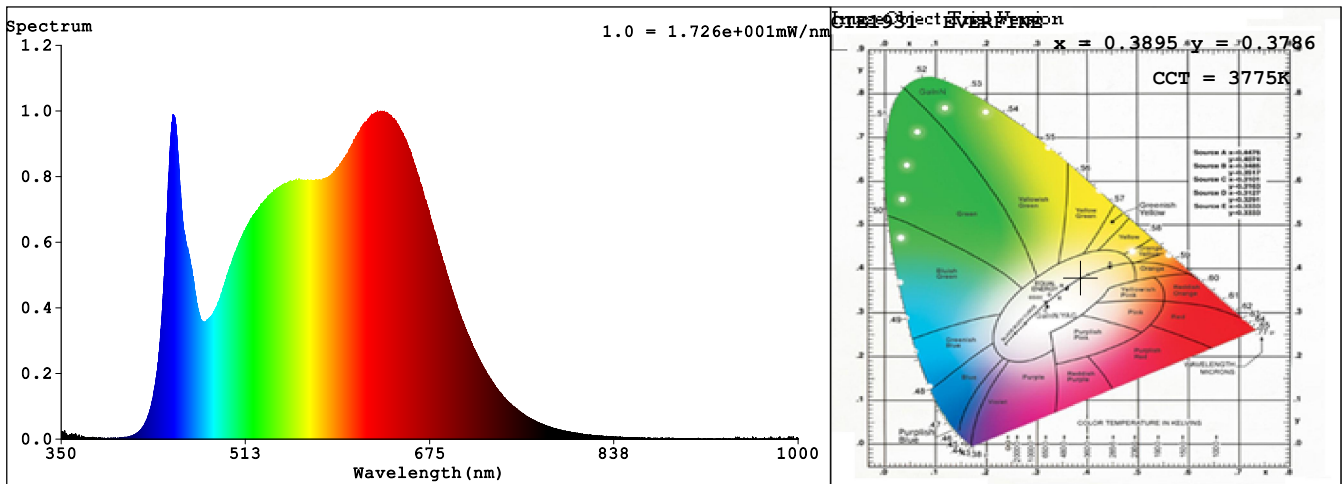
Spectrum Test Report

Sample :	Date :	2021-09-23 11:59:43
Specification :	Sam. Status :	
Sample No. :	Instrument :	HAAS-2000(EVERFINE)
Manufacturer :	Test by :	
	Assessor :	damin

Test Condition

Temperature :	25.3Deg	RH :	63%
WL Range :	350nm-1000nm	IP :	49787 (76%)
Test Mode :	Fast Test	T :	1148 ms
		Sensitivity :	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3895$ $y = 0.3786$ / $u' = 0.2303$ $v' = 0.5038$ ($duv = -1.65e-03$)

CCT= 3775K Prcp WL: $L_d = 580.7nm$ Purity=30.5%

Peak WL: $L_p = 629nm$ FWHM: =193.6nm Ratio:R=21.4% G=74.6% B=4.0%

Render Index: $R_a = 97.6$

R1 =99 R2 =98 R3 =94 R4 =97 R5 =99 R6 =96 R7 =98

R8 =99 R9 =99 R10=94 R11=96 R12=79 R13=100 R14=96 R15=98

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 965.83 lm Eff. : 85.69 lm/W $F_e = 3.5621 W$

Photons1: $1.732e+001$ umol/s(350~800nm) Photons2: $1.740e+001$ umol/s(350~1000nm)

PPF: 15.937 umol/s PPF Efficiency: 1.41396 umol/s/W PRF WATT: $3317.6mW$ (400-700nm)

Electrical parameters

V = 230.1 V I = 0.05079 A P = 11.27 W PF = 0.9643

Freq=49.99 Hz