

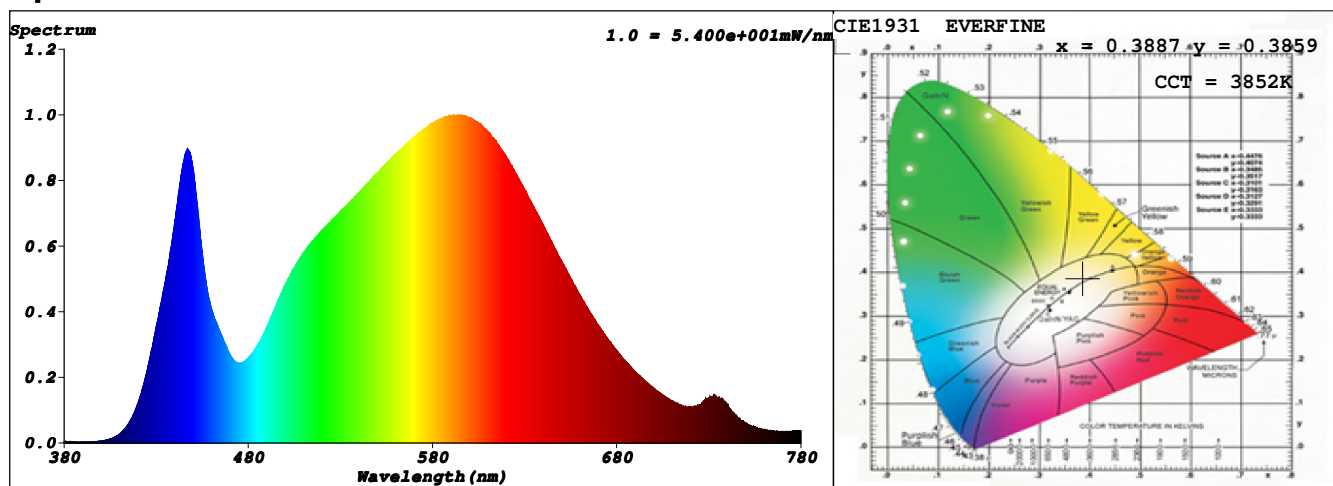
Spectrum Test Report

Sample	: LS3080	Date	: 2015-10-23 12:26:36
Specification	: LS3080-30W-840-A-x-x-NR-x-x-01-PS	Sam. Status	: 20 Sample average
Sample No.	: LUM02348_1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: Lumascape	Test by	: David

Test Condition

Temperature	: 25 Deg	RH	: 45%
WL Range	: 380nm-780nm	IP	: 50535 (77%)
Test Mode	: Fast Test	T	: 38 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3887$ $y = 0.3859$ / $u' = 0.2269$ $v' = 0.5068$ ($duv=1.90e-03$)
 CCT= 3852K Prcp WL: $L_d=578.7nm$ Purity=32.5%
 Peak WL: $L_p=596nm$ FWHM: $=153.6nm$ Ratio: R=18.5% G=78.3% B=3.2%

Render Index: $R_a = 81.6$

R1 =79	R2 =86	R3 =93	R4 =82	R5 =80	R6 =82	R7 =86
R8 =65	R9 =7	R10=69	R11=80	R12=66	R13=81	R14=96
						R15=73

Photometric & Radiometric Parameters

Flux = 3506.7 lm Eff. : 97.12 lm/W $F_e = 10.883 W$
 Photons1: $8.140e+000$ umol/s(400~500nm) Photons2: $1.833e+001$ umol/s(600~700nm)

Electrical parameters

$V = 236.1 V$ $I = 0.1647 A$ $P = 36.11 W$ PF = 0.9289