

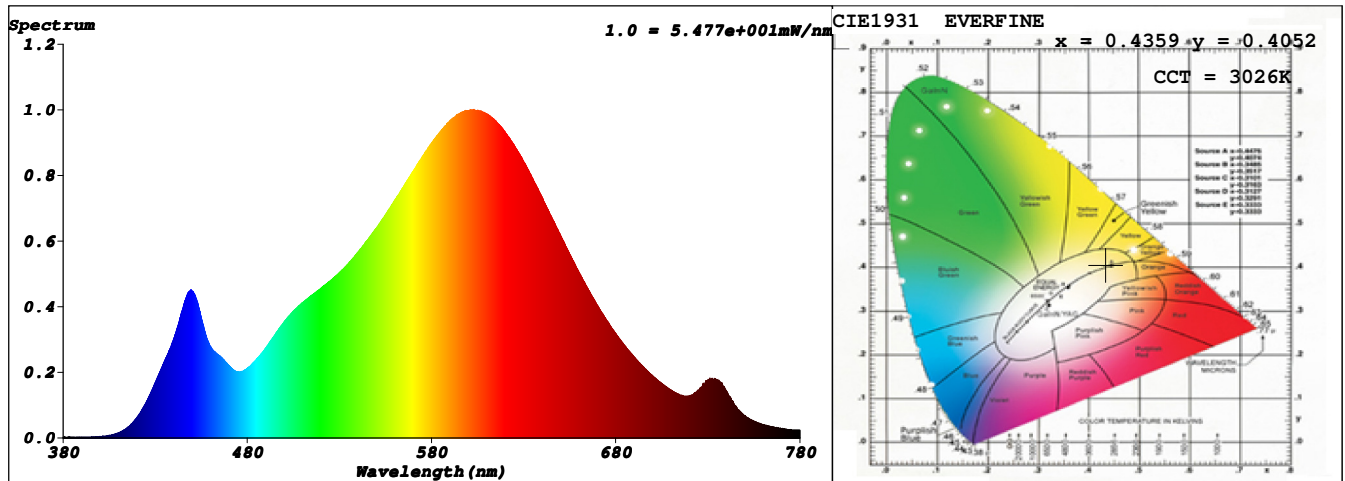
## Spectrum Test Report

Sample	: LS3080	Date	: 2016-05-09 14:26:35
Specification	: LS3080-30W-830-A-x-x-NR-x-x-01-PS	Sam. Status	: 20 Sample average
Sample No.	: LUM02348_10	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: Lumascape	Test by	: David

### Test Condition

Temperature	: 25 Deg	RH	: 45%
WL Range	: 380nm-780nm	IP	: 54453 (83%)
Test Mode	: Accuracy Test	T	: 41 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4359$   $y = 0.4052$  /  $u' = 0.2494$   $v' = 0.5217$  ( $duv=5.87e-04$ )

CCT= 3026K Prcp WL:  $L_d=582.5nm$  Purity=52.5%

Peak WL:  $L_p=603nm$  FWHM:  $=131.2nm$  Ratio: R=22.5% G=74.8% B=2.6%

Render Index:  $R_a = 82.4$

R1 =80	R2 =90	R3 =97	R4 =80	R5 =80	R6 =88	R7 =84
R8 =60	R9 =9	R10=78	R11=79	R12=74	R13=82	R14=99 R15=73

### Photometric & Radiometric Parameters

Flux = 3069.4 lm Eff. : 86.53 lm/W Fe = 9.6611 W

Photons1:  $5.055e+000$  umol/s(400~500nm) Photons2:  $2.010e+001$  umol/s(600~700nm)

### Electrical parameters

V = 240.1 V I = 0.1576 A P = 35.47 W PF = 0.9375