

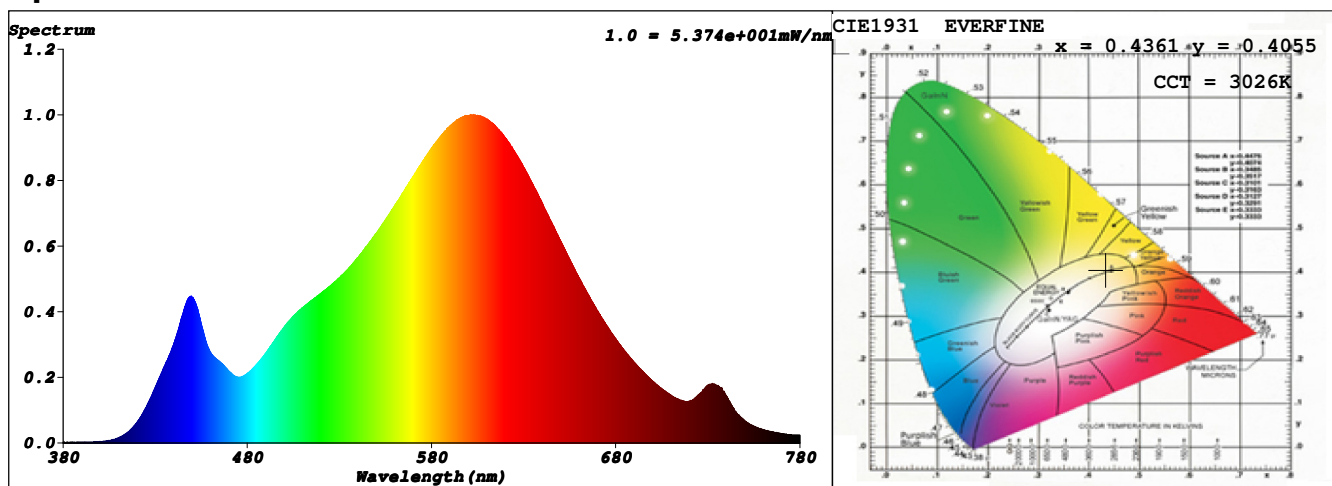
## Spectrum Test Report

Sample	: LS3080	Date	: 2016-02-09 10:26:50
Specification	: LS3080-30W-830-A-x-x-ME-x-x-01-PS	Sam. Status	: 20 sample average
Sample No.	: LUM02348_12	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: Lumascape	Test by	: David

### Test Condition

Temperature	: 25 Deg	RH	: 45 %
WL Range	: 380nm-780nm	IP	: 48179 (74%)
Test Mode	: Accuracy Test	T	: 37 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4361$   $y = 0.4055$  /  $u' = 0.2494$   $v' = 0.5218$  ( $duv=6.79e-04$ )  
CCT= 3026K Prcp WL:  $L_d=582.5nm$  Purity=52.6%  
Peak WL:  $L_p=601nm$  FWHM:  $=131.2nm$  Ratio: R=22.5% G=74.9% B=2.6%

Render Index:  $R_a = 82.3$

R1 =80	R2 =90	R3 =97	R4 =80	R5 =80	R6 =88	R7 =84
R8 =60	R9 =8	R10=77	R11=79	R12=74	R13=82	R14=99 R15=73

### Photometric & Radiometric Parameters

Flux = 3048.1 lm Eff. : 83.64 lm/W Fe = 9.5857 W  
Photons1:  $5.005e+000$  umol/s(400~500nm) Photons2:  $1.994e+001$  umol/s(600~700nm)

### Electrical parameters

V = 240.0 V I = 0.1639 A P = 36.44 W PF = 0.9265