

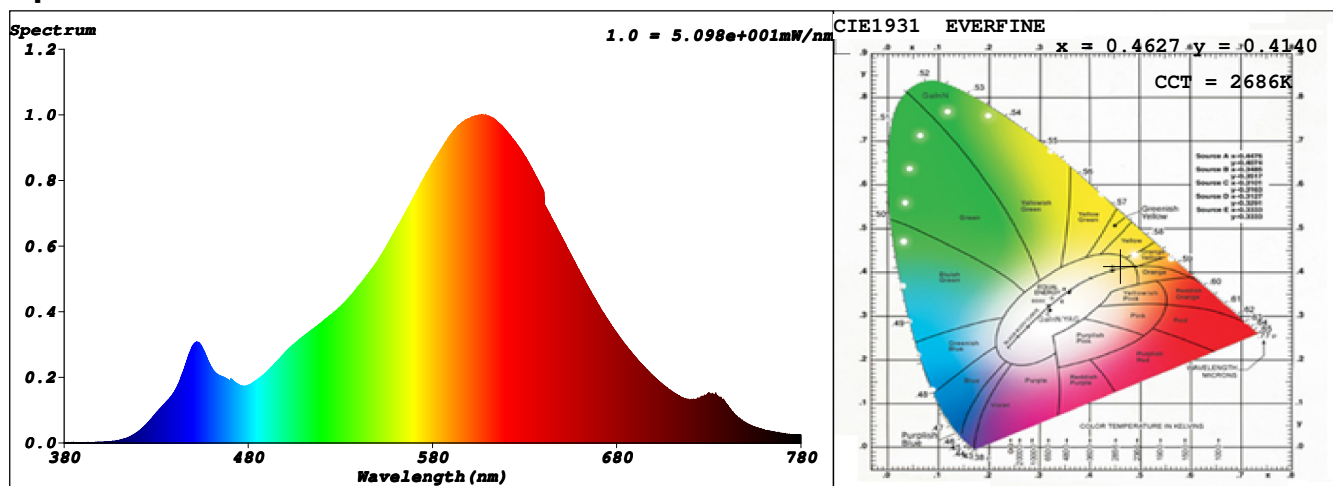
## Spectrum Test Report

Sample	: LS3080	Date	: 2016-05-09 09:53:15
Specification	: LS3080-30W-827-A-x-x-NR-x-x-01-PS	Sam. Status	: 20 Sample average
Sample No.	: LUM02348_20	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: Lumascape	Test by	: David

### Test Condition

Temperature	: 25 Deg	RH	: 45%
WL Range	: 380nm-780nm	IP	: 40964 (63%)
Test Mode	: Accuracy Test	T	: 34 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4627$   $y = 0.4140$  /  $u' = 0.2628$   $v' = 0.5291$  ( $duv=1.01e-03$ )  
CCT= 2686K Prcp WL:  $L_d=584.0nm$  Purity=63.2%  
Peak WL:  $L_p=607nm$  FWHM:  $=119.0nm$  Ratio: R=24.8% G=72.9% B=2.2%

Render Index:  $R_a = 80.8$

R1 =79	R2 =90	R3 =95	R4 =77	R5 =79	R6 =89	R7 =81
R8 =56	R9 =4	R10=79	R11=75	R12=75	R13=81	R14=98
						R15=71

### Photometric & Radiometric Parameters

Flux = 2631.2 lm Eff. : 74.59 lm/W Fe = 8.3141 W  
Photons1:  $3.376e+000$  umol/s(400~500nm) Photons2:  $1.921e+001$  umol/s(600~700nm)

### Electrical parameters

V = 240.0 V I = 0.1569 A P = 35.28 W PF = 0.9368