

## Spectrum Test Report

Sample : Quadralux Q4  
Specification : LS9140-50W-830-WV-01-PS-SL  
Sample No. : LUM02338\_8\_61  
Manufacturer : Lumascope

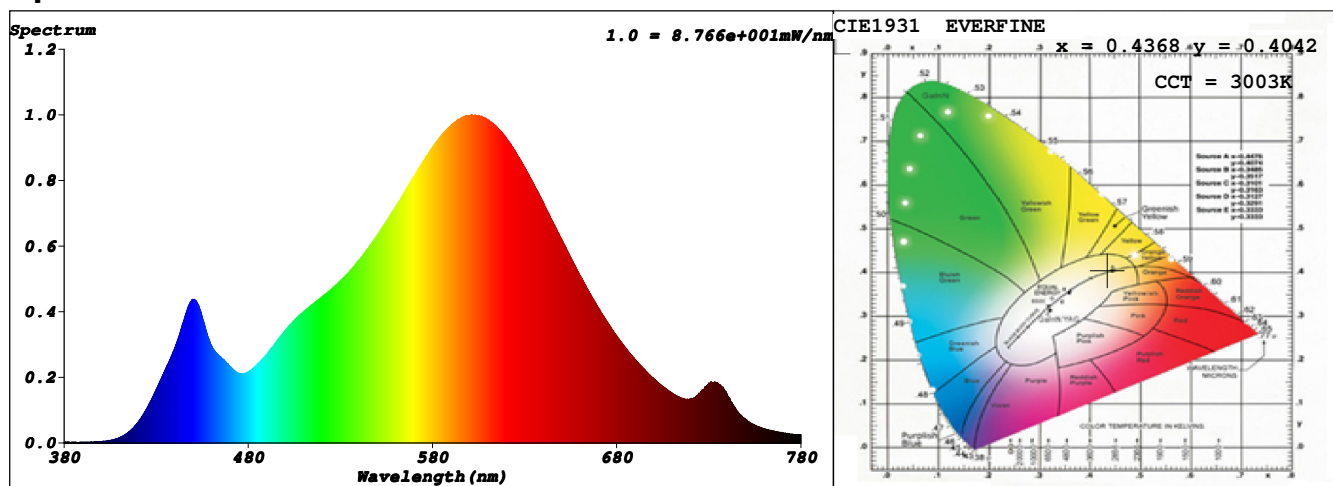
Date : 2016-04-13 16:14:27  
Sam. Status : 20 Sample average  
Instrument : HaasSuite(EVERFINE)  
Test by : David

### Test Condition

Temperature : 25 Deg  
WL Range : 380nm-780nm  
Test Mode : Accuracy Test

RH : 45%  
IP : 51065 (78%)  
T : 24 ms  
Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4368$   $y = 0.4042$  /  $u' = 0.2504$   $v' = 0.5214$  ( $duv=6.44e-05$ )  
CCT= 3003K Prcp WL:  $L_d=582.8nm$  Purity=52.4%  
Peak WL:  $L_p=601nm$  FWHM:  $=130.1nm$  Ratio:R=22.6% G=74.7% B=2.7%

Render Index:  $R_a = 82.0$

R1 =80	R2 =90	R3 =96	R4 =79	R5 =80	R6 =88	R7 =83
R8 =59	R9 =8	R10=78	R11=77	R12=75	R13=82	R14=98 R15=73

### Photometric & Radiometric Parameters

Flux = 4835.1 lm Eff. : 84.35 lm/W Fe = 15.310 W

### Electrical parameters

V = 240.2 V I = 0.2449 A P = 57.32 W PF = 0.9744