

Spectrum Test Report

Sample : Quadralux Q4
Specification : LS9140-50W-830-WH-01-PS-SL
Sample No. : LUM02338_7_61
Manufacturer : Lumascope

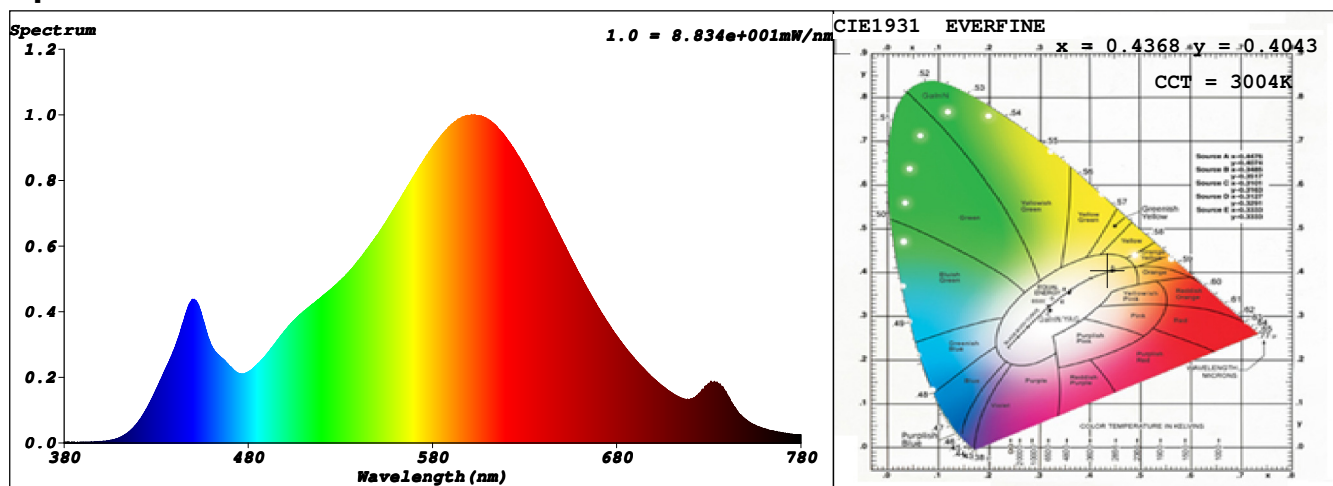
Date : 2016-04-14 10:41:34
Sam. Status : 20 Sample average
Instrument : HaasSuite(EVERFINE)
Test by : David

Test Condition

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

RH : 45%
IP : 51529 (79%)
T : 24 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4368$ $y = 0.4043$ / $u' = 0.2504$ $v' = 0.5215$ ($duv=1.06e-04$)

CCT= 3004K Prcp WL: $L_d=582.8nm$ Purity=52.5%

Peak WL: $L_p=601nm$ FWHM: $=130.3nm$ 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=74	R13=82	R14=98
						R15=73

Photometric & Radiometric Parameters

Flux = 4878.5 lm Eff. : 85.08 lm/W Fe = 15.443 W

Electrical parameters

V = 240.2 V I = 0.2449 A P = 57.34 W PF = 0.9744