

Spectrum Test Report

Sample : Quadralux Q4
Specification : LS9140-50W-750-NR-01-PS-BL
Sample No. : LUM02338_41_46
Manufacturer : Lumascope

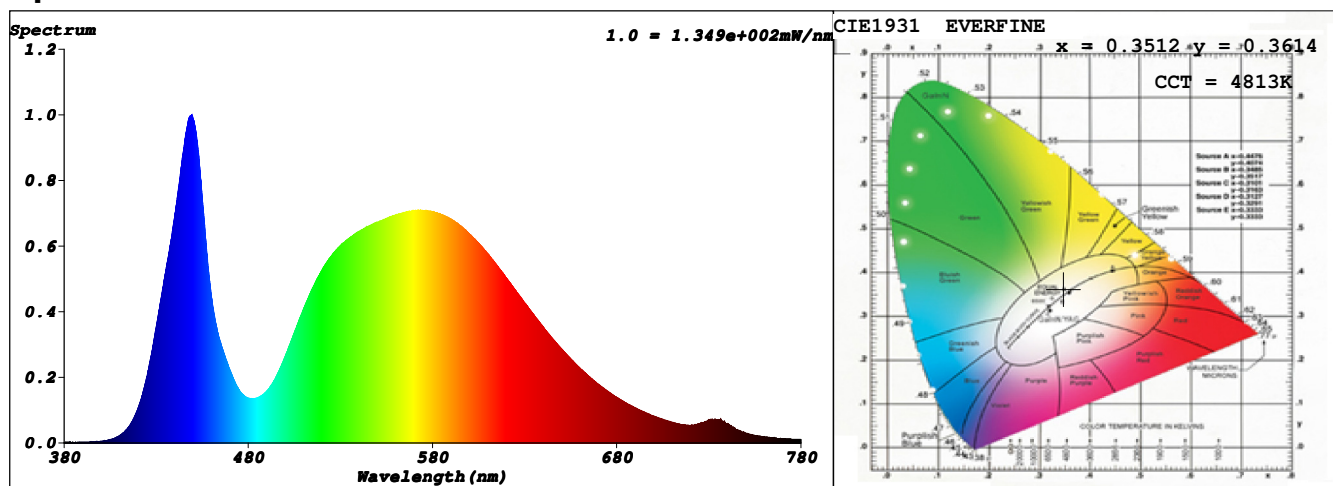
Date : 2016-03-16 13:49:05
Sam. Status : 20 Sample average
Instrument : HaasSuite(EVERFINE)
Test by : David

Test Condition

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

RH : 45%
IP : 45439 (69%)
T : 19 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3512$ $y = 0.3614$ / $u' = 0.2118$ $v' = 0.4903$ ($duv=2.44e-03$)

CCT= 4813K Prcp WL: $L_d=572.7nm$ Purity=13.8%

Peak WL: $L_p=449nm$ FWHM: $=24.5nm$ Ratio: R=14.8% G=82.2% B=3.0%

Render Index: $R_a = 73.5$

R1 =71	R2 =78	R3 =83	R4 =74	R5 =71	R6 =69	R7 =82
R8 =59	R9 =0	R10=47	R11=71	R12=44	R13=72	R14=90
						R15=66

Photometric & Radiometric Parameters

Flux = 6496.7 lm Eff. : 115.41 lm/W Fe = 19.631 W

Electrical parameters

V = 240.1 V I = 0.2411 A P = 56.29 W PF = 0.9726