

Spectrum Test Report

Sample : Quadralux Q4
Specification : LS9140-50W-830-WD-01-PS-BL
Sample No. : LUM02338_4_51
Manufacturer : Lumascope

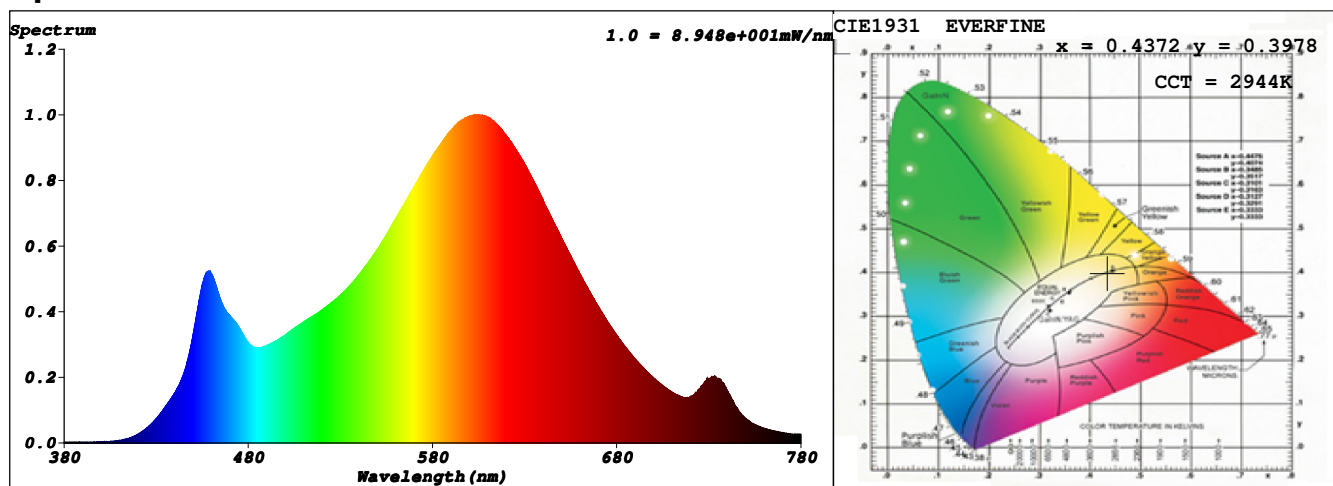
Date : 2015-12-03 11:26:48
Sam. Status : 20 sample average
Instrument : HaasSuite(EVERFINE)
Test by : David

Test Condition

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

RH : 45%
IP : 51559 (79%)
T : 228 ms
Sensitivity : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4372$ $y = 0.3978$ / $u' = 0.2535$ $v' = 0.5189$ ($duv = -2.54e-03$)
CCT= 2944K Prcp WL: $L_d = 584.0nm$ Purity=50.6%
Peak WL: $L_p = 605nm$ FWHM: $= 123.2nm$ Ratio: R=23.5% G=73.2% B=3.2%

Render Index: $R_a = 82.9$

R1 =83 R2 =95 R3 =91 R4 =78 R5 =83 R6 =94 R7 =80
R8 =59 R9 =14 R10=89 R11=76 R12=78 R13=86 R14=96 R15=76

Photometric & Radiometric Parameters

Flux = 4910.5 lm Eff. : 85.44 lm/W Fe = 15.929 W

Electrical parameters

V = 239.8 V I = 0.2456 A P = 57.47 W PF = 0.9759