

Spectrum Test Report

Sample : Quadralux Q4
Specification : LS9140-50W-830-NR-01-PS-BL
Sample No. : LUM02338_1_51
Manufacturer : Lumascope

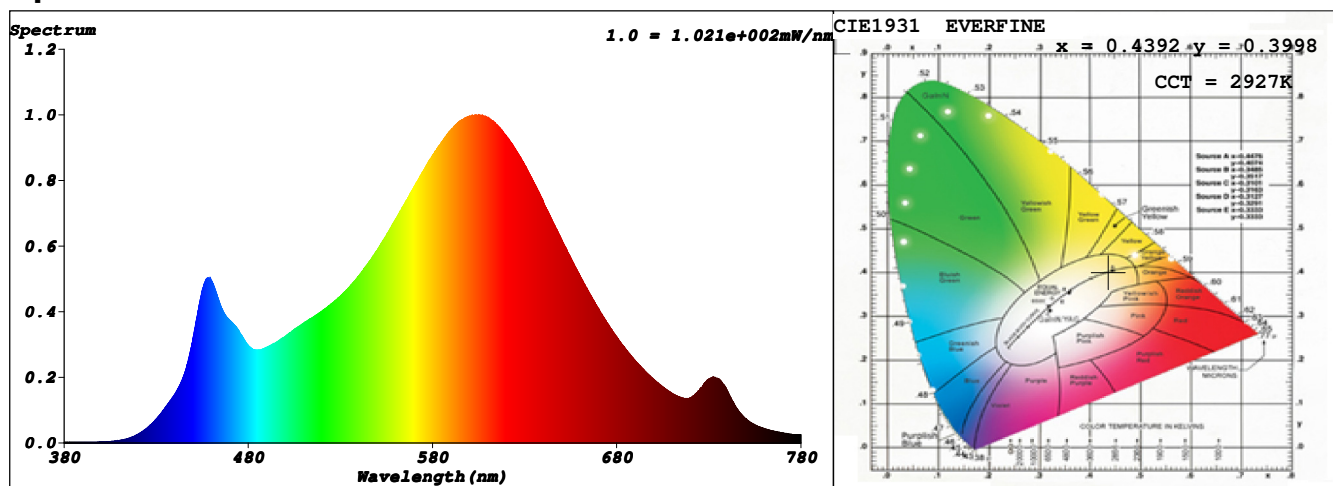
Date : 2015-11-20 11:28:39
Sam. Status : 20 sample average
Instrument : HaasSuite(EVERFINE)
Test by : David

Test Condition

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

RH : 45%
IP : 50094 (76%)
T : 194 ms
Sensitivity : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4392$ $y = 0.3998$ / $u' = 0.2539$ $v' = 0.5200$ ($duv = -1.99e-03$)
CCT= 2927K Prcp WL: $L_d = 583.9nm$ Purity=51.8%
Peak WL: $L_p = 605nm$ FWHM: $=122.3nm$ Ratio: R=23.5% G=73.3% B=3.2%

Render Index: $R_a = 82.5$

R1 =82 R2 =95 R3 =92 R4 =78 R5 =82 R6 =93 R7 =80
R8 =58 R9 =12 R10=87 R11=76 R12=78 R13=85 R14=96 R15=75

Photometric & Radiometric Parameters

Flux = 5584.3 lm Eff. : 97.00 lm/W Fe = 18.006 W

Electrical parameters

V = 239.2 V I = 0.2467 A P = 57.57 W PF = 0.9759