

Spectrum Test Report

Sample : Quadralux Q4
Specification : LS9140-50W-830-ME-01-PS-SL
Sample No. : LUM02338_9_61
Manufacturer : Lumascope

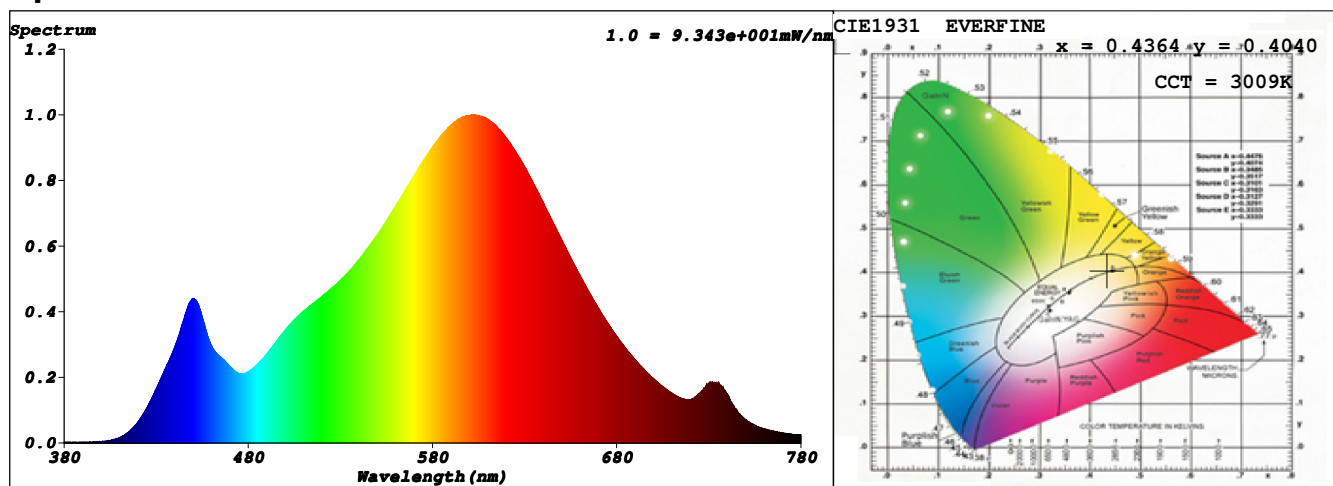
Date : 2016-04-05 09:54:06
Sam. Status : 20 Sample average
Instrument : HaasSuite(EVERFINE)
Test by : David

Test Condition

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

RH : 45%
IP : 52215 (80%)
T : 23 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4364$ $y = 0.4040$ / $u' = 0.2502$ $v' = 0.5213$ ($duv=5.72e-05$)
CCT= 3009K Prcp WL: $L_d=582.8nm$ Purity=52.3%
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 =97 R4 =79 R5 =80 R6 =88 R7 =83
R8 =59 R9 =8 R10=78 R11=78 R12=75 R13=82 R14=99 R15=73

Photometric & Radiometric Parameters

Flux = 5181.0 lm Eff. : 90.39 lm/W Fe = 16.401 W

Electrical parameters

V = 240.1 V I = 0.2450 A P = 57.32 W PF = 0.9744