

Spectrum Test Report

Sample : Quadralux Q4
Specification : LS9140-50W-840-NR-01-PS-SL
Sample No. : LUM02338_11_61
Manufacturer : Lumascope

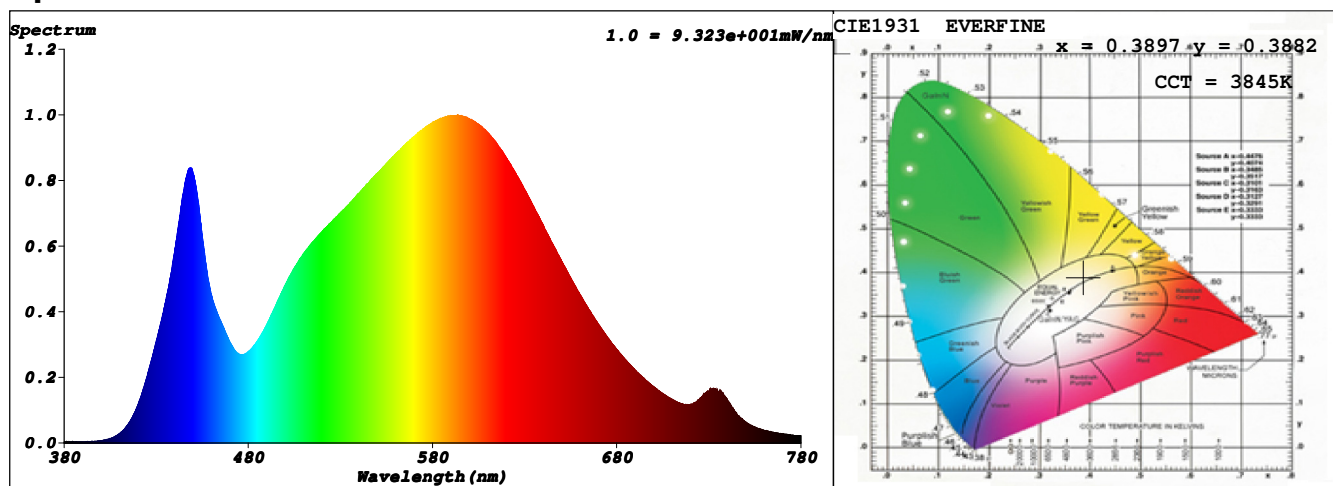
Date : 2016-04-06 10:56:35
Sam. Status : 20 Sample average
Instrument : HaasSuite(EVERFINE)
Test by : David

Test Condition

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

RH : 45%
IP : 51561 (79%)
T : 22 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3897$ $y = 0.3882$ / $u' = 0.2266$ $v' = 0.5079$ ($duv=2.69e-03$)

CCT= 3845K Prcp WL: $L_d=578.4nm$ Purity=33.5%

Peak WL: $L_p=594nm$ FWHM: $=153.8nm$ Ratio: R=18.4% G=78.3% B=3.3%

Render Index: $R_a = 81.8$

R1 =79	R2 =87	R3 =94	R4 =81	R5 =80	R6 =82	R7 =87
R8 =64	R9 =7	R10=70	R11=80	R12=65	R13=81	R14=96
						R15=73

Photometric & Radiometric Parameters

Flux = 5978.4 lm Eff. : 104.23 lm/W Fe = 18.558 W

Electrical parameters

V = 240.0 V I = 0.2452 A P = 57.36 W PF = 0.9745