

Spectrum Test Report

Sample : Quadralux Q4
Specification : LS9140-50W-827-VN-84-01-PS-SL
Sample No. : LUM02338_32_61
Manufacturer : Lumascope

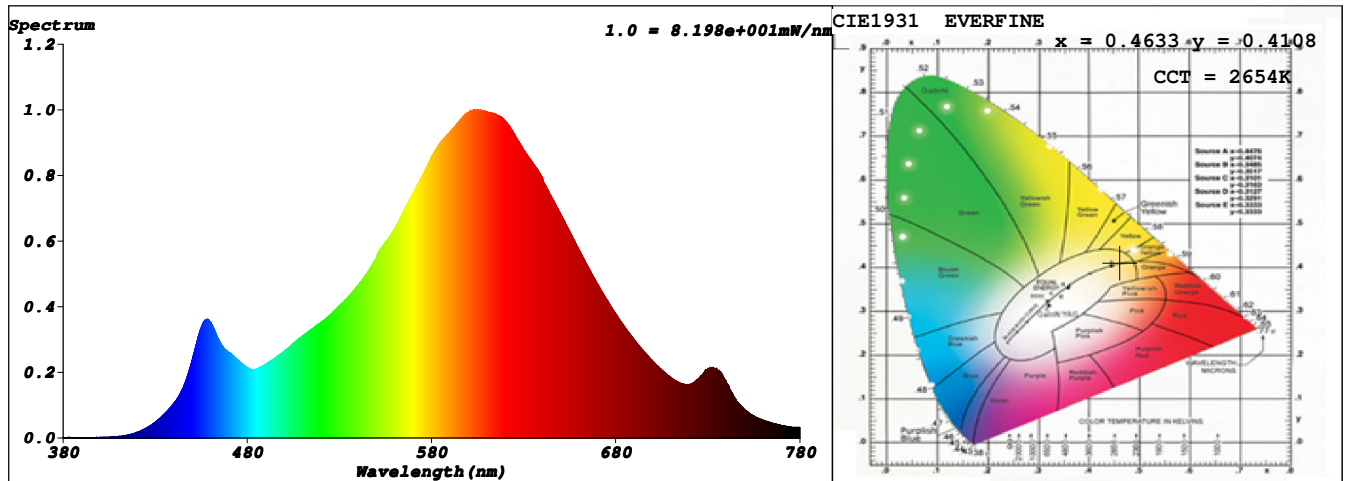
Date : 2016-07-04 14:06:19
Sam. Status : 20 Sample average
Instrument : HaasSuite(EVERFINE)
Test by : David

Test Condition

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

RH : 45%
IP : 51830 (79%)
T : 27 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4633$ $y = 0.4108$ / $u' = 0.2646$ $v' = 0.5279$ ($duv = -2.12e-04$)

CCT= 2654K Prcp WL: $L_d = 584.5nm$ Purity=62.4%

Peak WL: $L_p = 603nm$ FWHM: $= 122.3nm$ Ratio: R=25.3% G=72.2% B=2.5%

Render Index: $R_a = 81.5$

R1 =80	R2 =93	R3 =93	R4 =77	R5 =80	R6 =91	R7 =81
R8 =57	R9 =11	R10=83	R11=74	R12=76	R13=83	R14=97
						R15=73

Photometric & Radiometric Parameters

Flux = 4181.9 lm Eff. : 74.17 lm/W Fe = 13.741 W

Electrical parameters

V = 240.0 V I = 0.2412 A P = 56.38 W PF = 0.9739