

Spectrum Test Report

Sample : Quadralux Q4
Specification : LS9140-50W-827-NR-01-PS-BL
Sample No. : LUM02338_31_46
Manufacturer : Lumascope

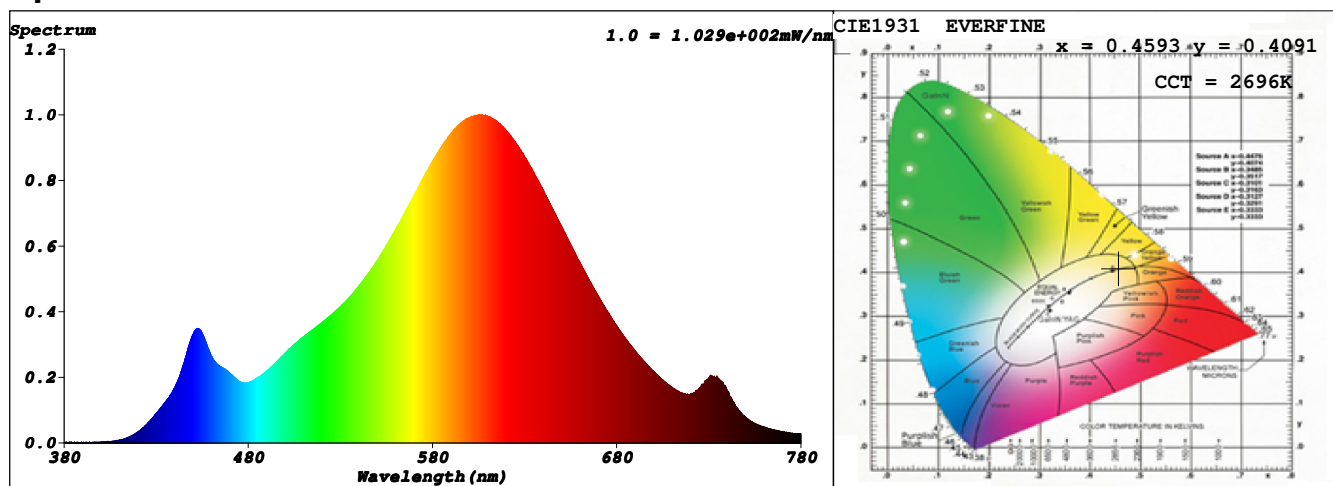
Date : 2016-03-16 11:53:55
Sam. Status : 20 Sample average
Instrument : HaasSuite(EVERFINE)
Test by : David

Test Condition

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

RH : 45%
IP : 46329 (71%)
T : 19 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4593$ $y = 0.4091$ / $u' = 0.2628$ $v' = 0.5267$ ($duv = -5.23e-04$)
CCT= 2696K Prcp WL: $L_d = 584.4\text{nm}$ Purity=60.6%
Peak WL: $L_p = 607\text{nm}$ FWHM: $=121.7\text{nm}$ Ratio: R=24.8% G=72.8% B=2.3%

Render Index: $R_a = 81.2$

R1 =79 R2 =91 R3 =95 R4 =77 R5 =79 R6 =89 R7 =81
R8 =57 R9 =8 R10=80 R11=75 R12=76 R13=82 R14=98 R15=73

Photometric & Radiometric Parameters

Flux = 5422.1 lm Eff. : 93.82 lm/W Fe = 17.569 W

Electrical parameters

V = 240.1 V I = 0.2467 A P = 57.79 W PF = 0.9756