

Spectrum Test Report

Sample : Omnio Mini
Specification : LS411COB-20W-840-WD-2-A-01-SL
Sample No. : LUM02380_11_1
Manufacturer : Lumascope

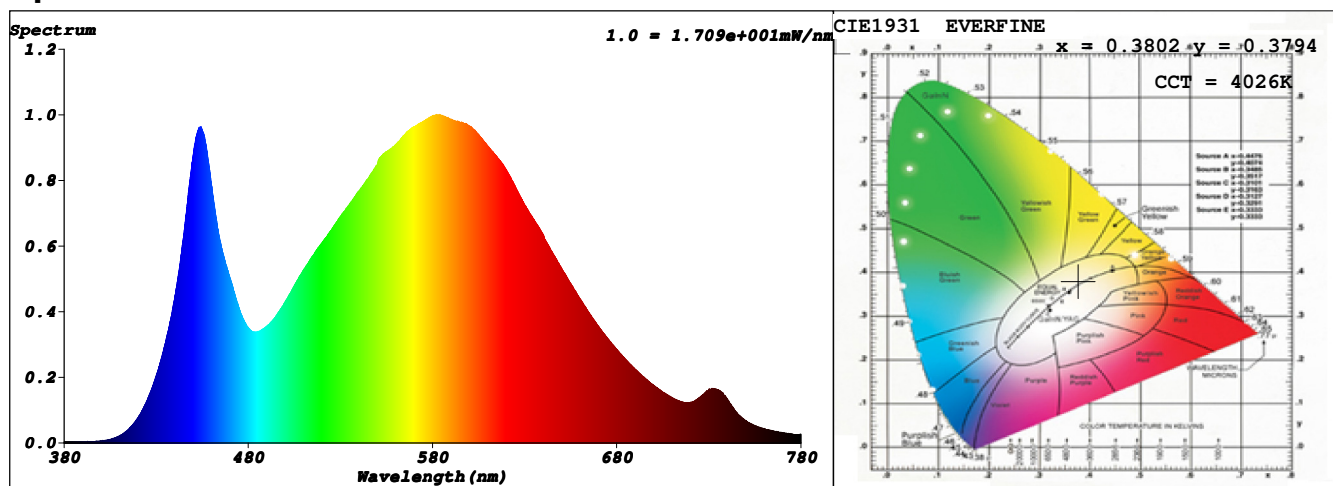
Date : 2016-06-08 14:50:25
Sam. Status : 20 Sample average
Instrument : HaasSuite(EVERFINE)
Test by : David

Test Condition

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

RH : 45%
IP : 53267 (81%)
T : 124 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3802$ $y = 0.3794$ / $u' = 0.2239$ $v' = 0.5027$ (duv=1.33e-03)
CCT= 4026K Prcp WL: Ld=578.3nm Purity=28.0%
Peak WL: Lp=582nm FWHM: =146.3nm Ratio:R=17.7% G=78.6% B=3.7%

Render Index: Ra = 80.6

R1 =78 R2 =88 R3 =94 R4 =77 R5 =78 R6 =82 R7 =86
R8 =63 R9 =4 R10=70 R11=73 R12=58 R13=80 R14=97 R15=73

Photometric & Radiometric Parameters

Flux = 1036.7 lm Eff. : 39.85 lm/W Fe = 3.2409 W
Photons1:2.628e+000 umol/s(400~500nm) Photons2:5.234e+000 umol/s(600~700nm)

Electrical parameters

V = 240.1 V I = 0.1135 A P = 26.01 W PF = 0.9544