

ELACFL-10SMDXCW Spectrum Test Report

Sample : FL
 Specification : ELACFL-10SMDXCW
 Sample No. : ELACFL-10SMDXCW-1
 Manufacturer :

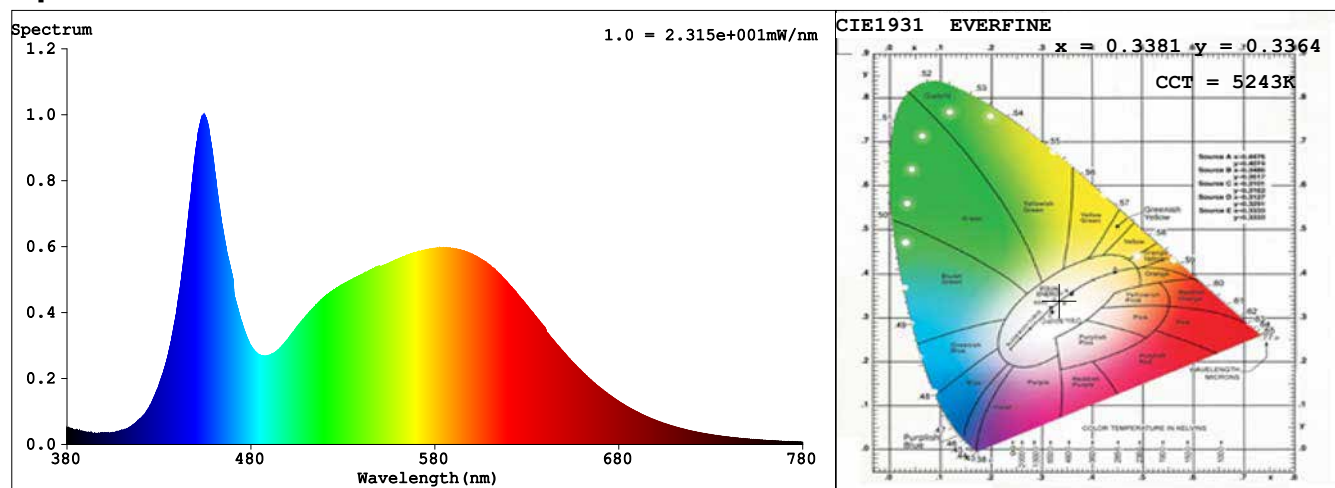
Date : 2017-08-08 10:34:27
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : QC
 Assessor : damin

Test Condition

Temperature : 10.3Deg
 WL Range : 380nm-780nm
 Test Mode : Accuracy Test

RH : 65.0%
 IP : 37653 (57%)
 T : 2175 ms
 Sensitivity : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3381$ $y = 0.3364$ / $u' = 0.2126$ $v' = 0.4760$ ($duv = -4.94e-03$)

CCT= 5243K Prcp WL: $L_d = 583.6\text{nm}$ Purity=2.4%

Peak WL: $L_p = 455\text{nm}$ FWHM: $= 28.1\text{nm}$ Ratio: R=16.1% G=78.7% B=5.1%

Render Index: $R_a = 85.6$

R1 =86 R2 =92 R3 =93 R4 =84 R5 =86 R6 =86 R7 =87

R8 =72 R9 =23 R10=78 R11=83 R12=66 R13=88 R14=96 R15=83

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 966.80 lm Eff. : 86.05 lm/W $F_e = 3.1713\text{ W}$

Electrical parameters

V = 229.9 V I = 0.05053 A P = 11.24 W PF = 0.9678