

ELACFL-100SMDXCW Spectrum Test Report

Sample : FL
 Specification : ELACFL-100SMDXCW
 Sample No. : ELACFL-100SMDXCW-1
 Manufacturer :

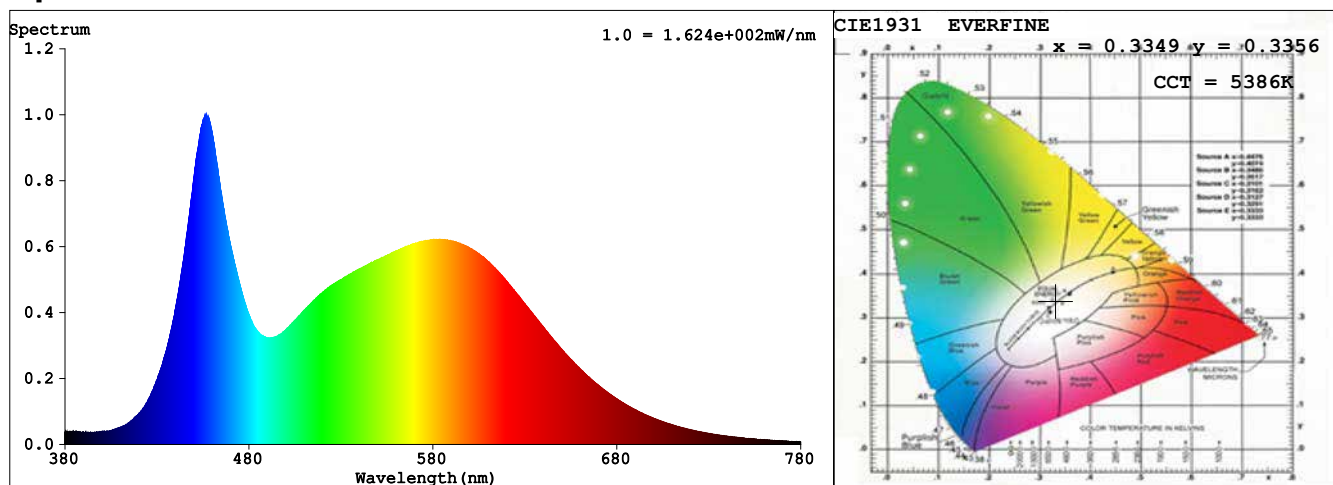
Date : 2017-08-08 11:32:02
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : QC
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 45624 (70%)
 T : 328 ms
 Sensitivity : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3349$ $y = 0.3356$ / $u' = 0.2107$ $v' = 0.4751$ ($duv = -3.92e-03$)

CCT= 5386K Prcp WL: $L_d = 573.4\text{nm}$ Purity=1.2%

Peak WL: $L_p = 457\text{nm}$ FWHM: $= 31.8\text{nm}$ Ratio: R=15.8% G=78.5% B=5.7%

Render Index: $R_a = 86.1$

R1 =86 R2 =94 R3 =94 R4 =83 R5 =86 R6 =88 R7 =86

R8 =71 R9 =24 R10=83 R11=81 R12=69 R13=89 R14=98 R15=83

LEVEL:OUT WHITE:ANSI_5700K

Photometric & Radiometric Parameters

Flux = 10402 lm Eff. : 104.02 lm/W $\Phi_e = 34.466\text{ W}$

Electrical parameters

V = 230.0 V I = 0.4442 A P = 99.99 W PF = 0.9794