

ELACFL-30SMDXCW Spectrum Test Report

Sample : FL
 Specification : ELACFL-30SMDXCW
 Sample No. : ELACFL-30SMDXCW-1
 Manufacturer :

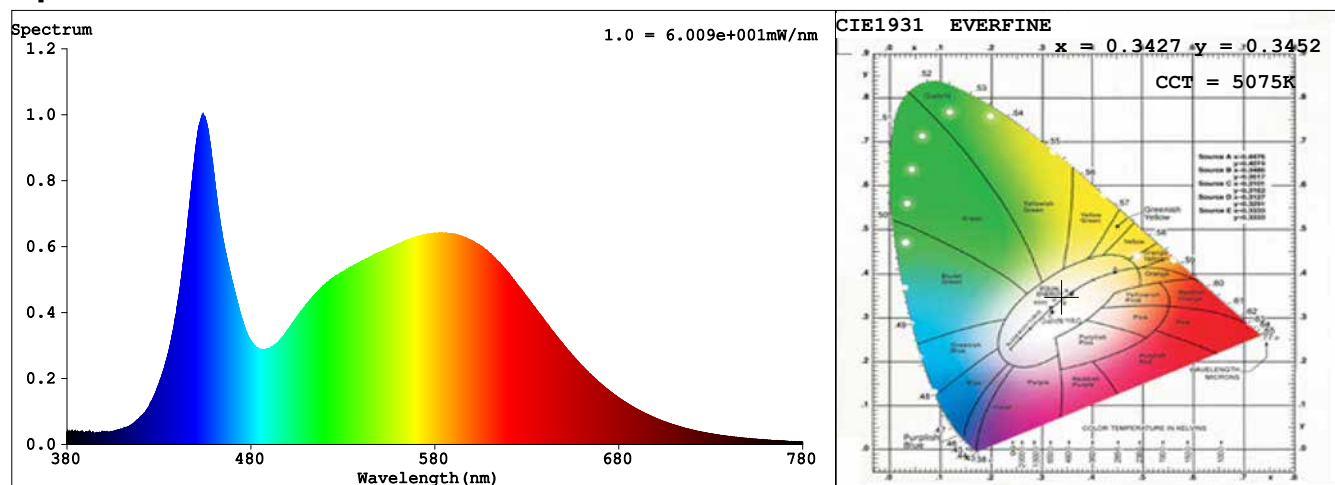
Date : 2017-08-08 10:58:22
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : QC
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 21235 (32%)
 T : 400 ms
 Sensitivity : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3427$ $y = 0.3452$ / $u' = 0.2123$ $v' = 0.4811$ ($duv = -2.27e-03$)

CCT= 5075K Prcp WL: $L_d = 575.1\text{nm}$ Purity=6.4%

Peak WL: $L_p = 454\text{nm}$ FWHM: $= 27.5\text{nm}$ Ratio: R=16.0% G=79.0% B=4.9%

Render Index: $R_a = 84.4$

R1 =83 R2 =91 R3 =93 R4 =83 R5 =84 R6 =86 R7 =86

R8 =69 R9 =15 R10=76 R11=81 R12=66 R13=86 R14=96 R15=80

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 3149.5 lm Eff. : 102.09 lm/W $F_e = 10.154\text{ W}$

Electrical parameters

V = 230.0 V I = 0.1351 A P = 30.85 W PF = 0.9939