

Spectrum Test Report

Sample : 5605013118M
 Specification : 5605013118M
 Sample No. : 1
 Manufacturer : EVERFINE
 Assessor : YZB
 Remark :

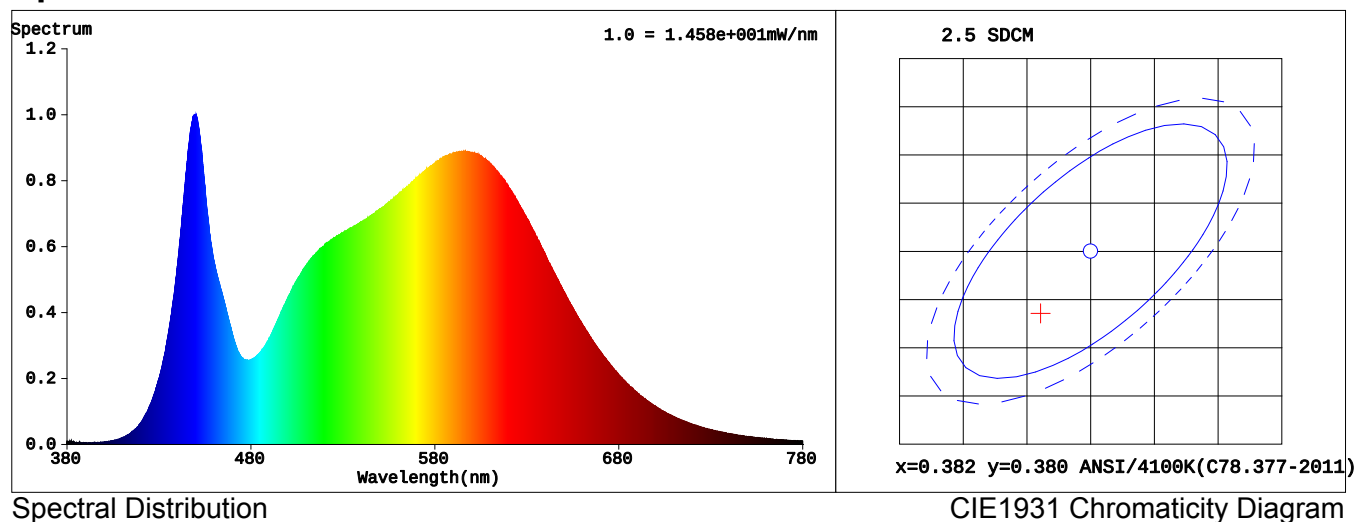
Date : 2021-07-23 13:30:06
 Standardtus :
 Instrument : HaasSuite(EVERFINE)
 Test by : YZB

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Accuracy Test
 Sensitivity : High

RH : 65.0%
 IP : 49303 (75%)
 T : 81 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3778$ $y = 0.3731$ / $u' = 0.2248$ $v' = 0.4996$ ($duv = -9.43e-04$) $Dx, Dy: -0.0006, -0.0024$

CCT= 4046K Prcp WL: $L_d = 579.5\text{nm}$ Purity=25.4%

Peak WL: $L_p = 450\text{nm}$ FWHM: $\approx 23.1\text{nm}$ Ratio: R=18.4% G=77.9% B=3.6%

Render Index: $R_a = 84.2$

R1 =83 R2 =90 R3 =94 R4 =84 R5 =83 R6 =86 R7 =87

R8 =67 R9 =14 R10=75 R11=84 R12=66 R13=85 R14=97 R15=77

WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 752.15 lm Eff. : 93.26 lm/W $F_e = 2.3131\text{ W}$

Flux of emitted photons($\mu\text{mol/s}$):10.844 Fluo. and blue light ratio:4.637 Fluorescent eff.:192.7

Electrical parameters

V = 230.8 V I = 0.04278 A P = 8.065 W PF = 0.8169 F=49.99 Hz