

Spectrum Test Report

Sample : 5197002125M
 Specification : 5197002125M
 Sample No. : 1
 Manufacturer : EVERFINE
 Assessor : YZB
 Remark :

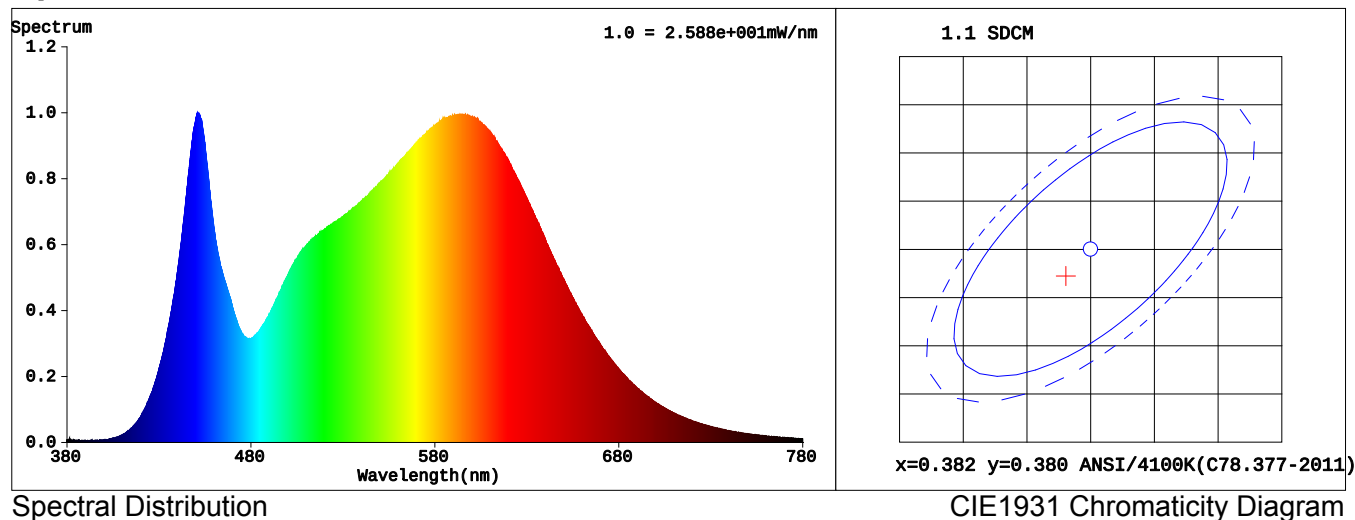
Date : 2021-07-08 10:43:10
 Standardtus :
 Instrument : HaasSuite(EVERFINE)
 Test by : YZB

Test Condition

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

RH : 65.0%
 IP : 49643 (76%)
 T : 42 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3798$ $y = 0.3768$ / $u' = 0.2247$ $v' = 0.5015$ ($duv=2.04e-04$) $Dx, Dy: 0.0001, 0.0005$

CCT= 4017K Prpc WL: $L_d=578.9nm$ Purity=27.1%

Peak WL: $L_p=451nm$ FWHM: $=25.7nm$ Ratio: $R=18.3\%$ $G=77.9\%$ $B=3.8\%$

Render Index: $R_a = 83.3$

$R_1 = 81$ $R_2 = 90$ $R_3 = 96$ $R_4 = 82$ $R_5 = 82$ $R_6 = 86$ $R_7 = 86$

$R_8 = 64$ $R_9 = 7$ $R_{10} = 76$ $R_{11} = 81$ $R_{12} = 67$ $R_{13} = 84$ $R_{14} = 98$ $R_{15} = 75$

WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1476.7 lm Eff. : 104.94 lm/W $F_e = 4.4995 W$

Flux of emitted photons($\mu mol/s$): 21.091 Fluo. and blue light ratio: 4.810 Fluorescent eff.: 194.1

Electrical parameters

$V = 230.4 V$ $I = 0.08332 A$ $P = 14.07 W$ PF = 0.7331 F=49.99 Hz