

Spectrum Test Report

Sample : 7622222012M
Specification : 7622222012M
Sample No. : 1
Manufacturer : EVERFINE
Assessor : YZB
Remark :

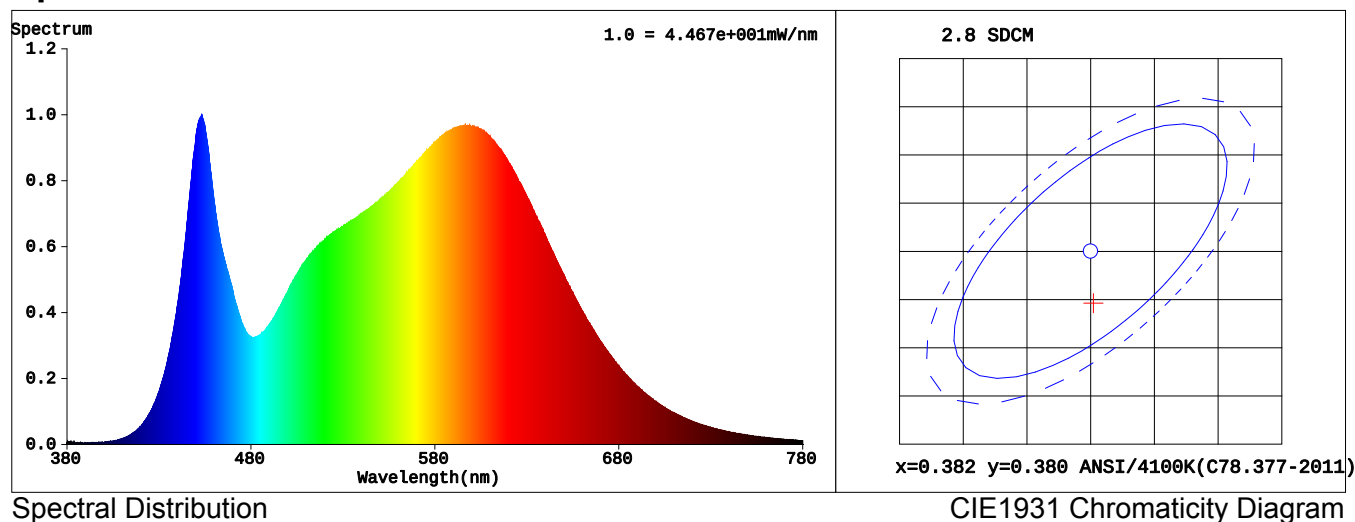
Date : 2021-08-04 08:12:13
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by : YZB

Test Condition

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

RH : 65.0%
IP : 48856 (75%)
T : 29 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3820$ $y = 0.3742$ / $u' = 0.2272$ $v' = 0.5007$ ($duv = -1.65e-03$) $Dx, Dy: -0.0012, -0.0043$

CCT= 3939K Prpc WL: $L_d = 580.2\text{nm}$ Purity=26.9%

Peak WL: $L_p = 453\text{nm}$ FWHM: $=26.8\text{nm}$ Ratio: $R=19.0\%$ $G=77.1\%$ $B=3.9\%$

Render Index: $R_a = 85.4$

$R_1 = 84$ $R_2 = 92$ $R_3 = 96$ $R_4 = 84$ $R_5 = 85$ $R_6 = 89$ $R_7 = 86$

$R_8 = 67$ $R_9 = 18$ $R_{10} = 81$ $R_{11} = 83$ $R_{12} = 68$ $R_{13} = 87$ $R_{14} = 98$ $R_{15} = 79$

WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 2451.2 lm Eff. : 104.88 lm/W $F_e = 7.5909\text{ W}$

Flux of emitted photons($\mu\text{mol/s}$):35.718 Fluo. and blue light ratio:4.652 Fluorescent eff.:219.6

Electrical parameters

$V = 230.9\text{ V}$ $I = 0.1233\text{ A}$ $P = 23.37\text{ W}$ PF = 0.8213 F=49.99 Hz