

Spectrum Test Report

Sample :
Specification :
Sample No. : 3
Manufacturer : EVERFINE

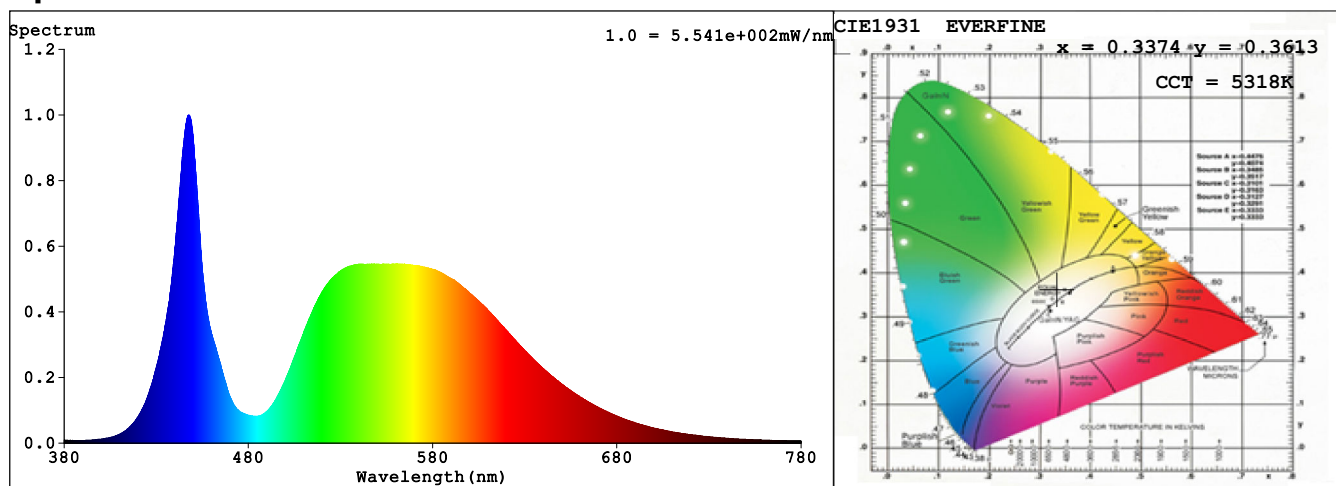
Date : 2026-01-31 08:38:55
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : ChenHang
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 52443 (80%)
T : 160 ms
Sensitivity : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3374$ $y = 0.3613$ / $u' = 0.2026$ $v' = 0.4882$ ($duv=7.97e-03$)
CCT= 5318K Prcp WL: $L_d=560.3nm$ Purity=9.7%
Peak WL: $L_p=448nm$ FWHM: $=17.1nm$ Ratio:R=13.1% G=84.1% B=2.8%

Render Index: $R_a = 69.4$

R1 =66 R2 =73 R3 =79 R4 =71 R5 =68 R6 =65 R7 =79
R8 =55 R9 =-42 R10=37 R11=69 R12=39 R13=67 R14=88 R15=60
LEVEL:OUT WHITE:ANSI_5700K

Photometric & Radiometric Parameters

Flux = 18383 lm Eff. : 180.21 lm/W Fe = 53.726 W
Photons1:5.384e+001 umol/s(400~500nm) Photons2:6.099e+001 umol/s(600~700nm)

Electrical parameters

V = 222.8 V I = 0.4879 A P = 102.0 W PF = 0.9386