

Spectrum Test Report

Sample :
Specification :
Sample No. : N-00002
Manufacturer : EVERFINE

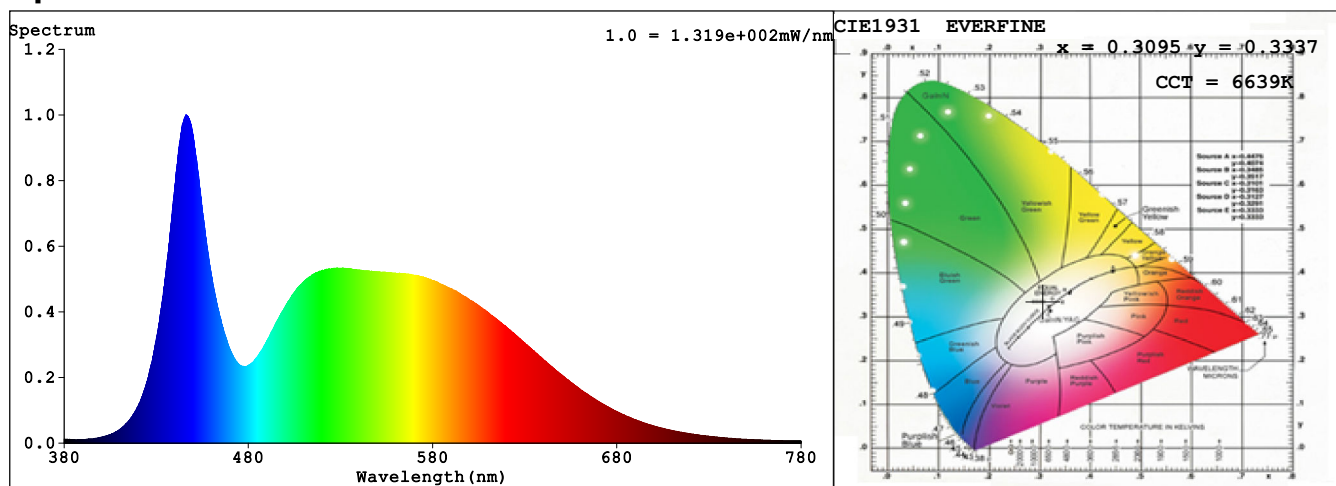
Date : 2025-01-03 19:52:15
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 52143 (80%)
T : 712 ms
Sensitivity : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3095$ $y = 0.3337$ / $u' = 0.1939$ $v' = 0.4703$ ($duv=7.18e-03$)
CCT= 6639K Prcp WL: $L_d=491.9nm$ Purity=8.0%
Peak WL: $L_p=446nm$ FWHM: $=25.5nm$ Ratio:R=12.9% G=81.9% B=5.3%

Render Index: $R_a = 81.8$

R1 =79 R2 =84 R3 =88 R4 =83 R5 =81 R6 =80 R7 =87
R8 =71 R9 =4 R10=63 R11=83 R12=64 R13=80 R14=94 R15=74
LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 4514.3 lm Eff. : 146.59 lm/W Fe = 14.723 W
Photons1: $1.871e+001$ umol/s(400~500nm) Photons2: $1.552e+001$ umol/s(600~700nm)

Electrical parameters

V = 221.4 V I = 0.1411 A P = 30.80 W PF = 0.9861