

Spectrum Test Report

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

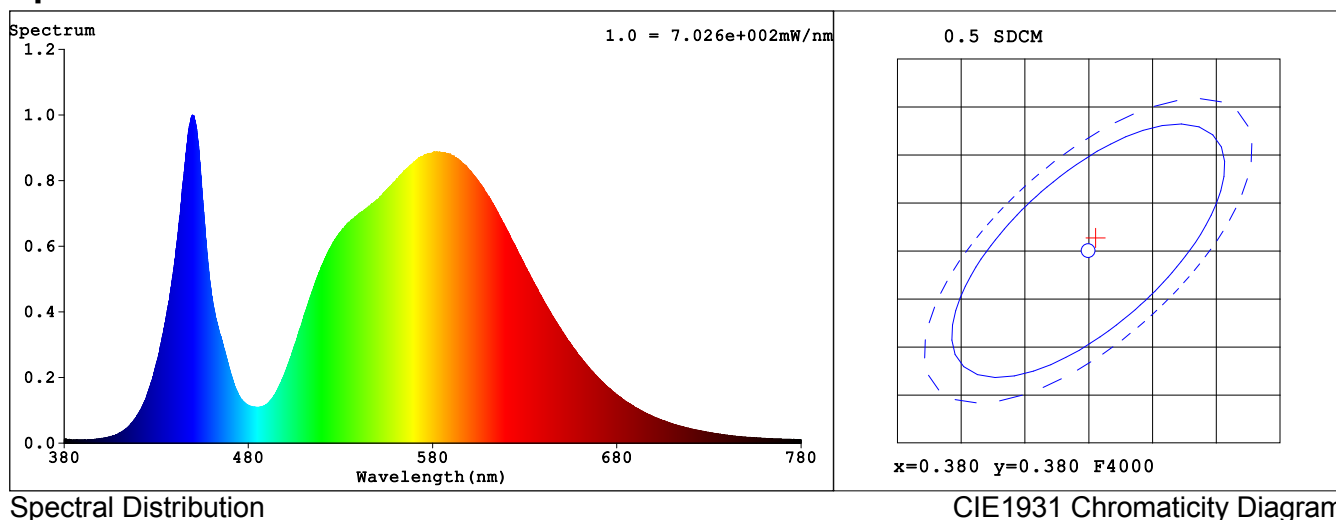
Date : 2025-07-19 19:14:22
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 50210 (77%)
T : 73 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3806$ $y = 0.3814$ / $u' = 0.2234$ $v' = 0.5036$ ($duv=2.10e-03$)
CCT= 4028K Prcp WL: $L_d=577.8nm$ Purity=28.7%
Peak WL: $L_p=450nm$ FWHM: $=20.2nm$ Ratio:R=16.4% G=81.3% B=2.3%

Render Index: $R_a = 70.9$

R1 =68 R2 =78 R3 =85 R4 =70 R5 =67 R6 =68 R7 =81
R8 =51 R9 =-35 R10=47 R11=65 R12=39 R13=69 R14=91 R15=61
LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 34689 lm Eff. : 170.94 lm/W $F_e = 98.673 W$
Photons1: $7.714e+001$ umol/s(400~500nm) Photons2: $1.448e+002$ umol/s(600~700nm)

Electrical parameters

V = 221.8 V I = 0.9369 A P = 202.9 W PF = 0.9766