

Spectrum Test Report

Sample :
Specification : LIGHT
Sample No. : N-00001
Manufacturer : EVERFINE

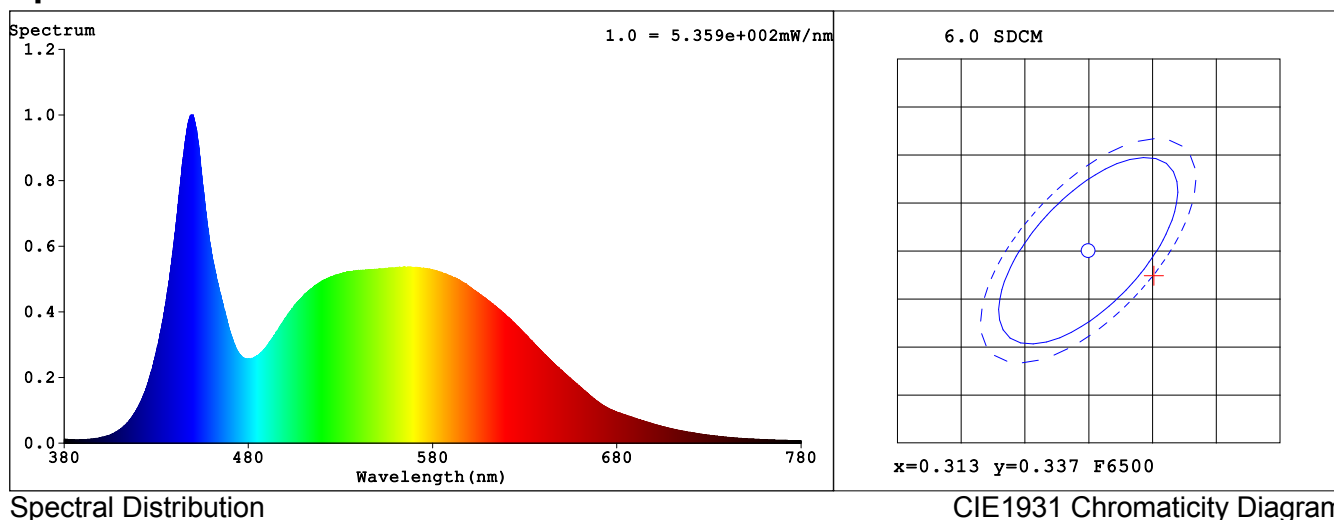
Date : 2024-11-23 10:31:46
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : Jason

Test Condition

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

RH : 65.0%
IP : 50144 (77%)
T : 159 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3181$ $y = 0.3344$ / $u' = 0.1996$ $v' = 0.4720$ ($duv=3.26e-03$)

CCT= 6187K Prcp WL: $L_d=492.6\text{nm}$ Purity=5.1%

Peak WL: $L_p=449\text{nm}$ FWHM: $=25.7\text{nm}$ Ratio: R=13.7% G=81.1% B=5.2%

Render Index: $R_a = 82.8$

R1 =81 R2 =86 R3 =89 R4 =84 R5 =83 R6 =82 R7 =88

R8 =71 R9 =8 R10=67 R11=84 R12=64 R13=82 R14=94 R15=76

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 18747 lm Eff. : 94.54 lm/W $\Phi_e = 60.875\text{ W}$

Photons1: $7.573e+001\text{ umol/s}$ (400~500nm) Photons2: $6.772e+001\text{ umol/s}$ (600~700nm)

Electrical parameters

V = 221.0 V I = 0.9071 A P = 198.3 W PF = 0.9893