

Spectrum Test Report

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

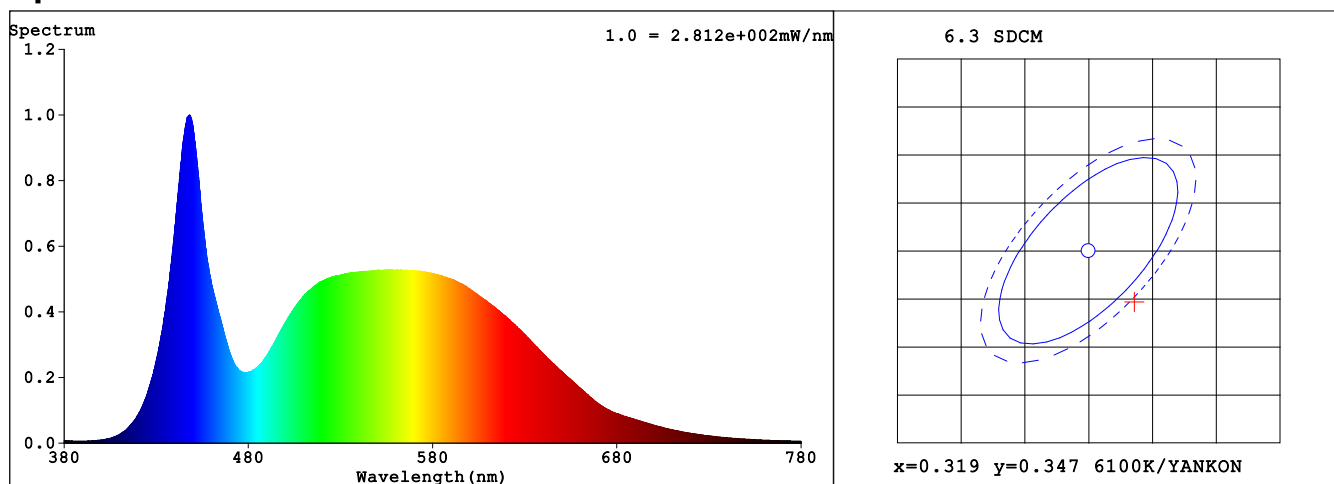
Date : 2024-11-06 10:33:19
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 47713 (73%)
T : 23 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3226$ $y = 0.3417$ / $u' = 0.1999$ $v' = 0.4764$ ($duv=4.82e-03$)
CCT= 5944K Prcp WL: Ld=502.1nm Purity=3.3%
Peak WL: Lp=448nm FWHM: =22.3nm Ratio:R=13.8% G=81.5% B=4.8%

Render Index: Ra = 81.4

R1 =79 R2 =84 R3 =88 R4 =83 R5 =81 R6 =80 R7 =87
R8 =69 R9 =3 R10=63 R11=83 R12=61 R13=80 R14=94 R15=74
LEVEL:OUT WHITE:ANSI_5700K

Photometric & Radiometric Parameters

Flux = 9671.6 lm Eff. : 66.27 lm/W Fe = 30.686 W
Photons1:3.629e+001 umol/s(400~500nm) Photons2:3.491e+001 umol/s(600~700nm)

Electrical parameters

V = 221.3 V I = 0.6667 A P = 145.9 W PF = 0.9893