

Spectrum Test Report

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

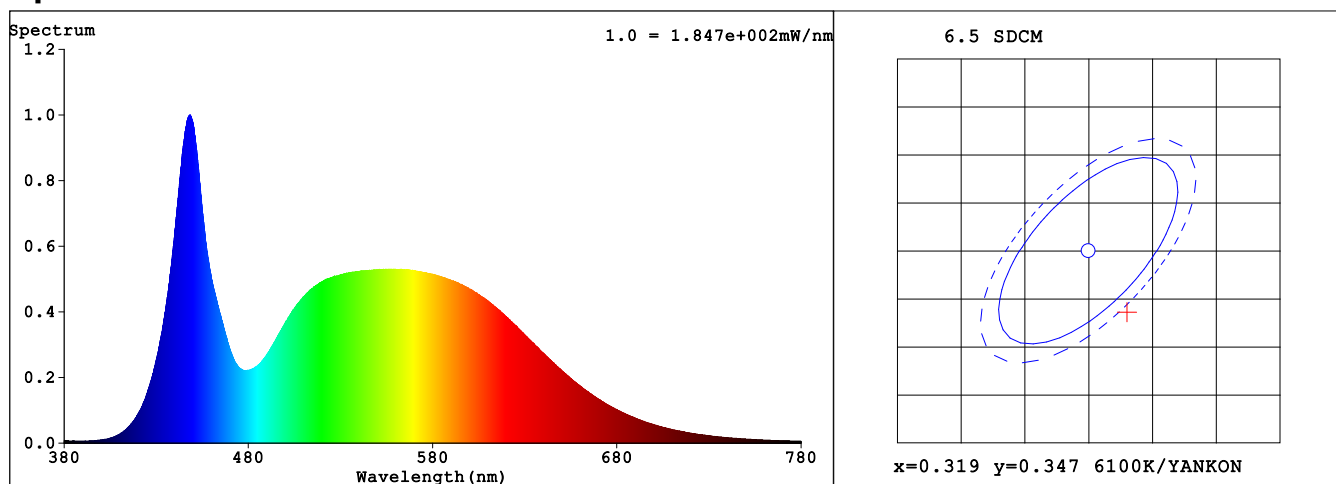
Date : 2024-11-05 15:37:17
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 47487 (72%)
T : 35 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3220$ $y = 0.3406$ / $u' = 0.1999$ $v' = 0.4758$ ($duv=4.55e-03$)
CCT= 5975K Prcp WL: Ld=500.2nm Purity=3.5%
Peak WL: Lp=448nm FWHM: =22.8nm Ratio:R=13.8% G=81.3% B=4.8%

Render Index: Ra = 81.7

R1 =80 R2 =84 R3 =88 R4 =83 R5 =81 R6 =80 R7 =87
R8 =70 R9 =6 R10=64 R11=83 R12=62 R13=81 R14=93 R15=75
LEVEL:OUT WHITE:ANSI_5700K

Photometric & Radiometric Parameters

Flux = 6358.3 lm Eff. : 66.74 lm/W Fe = 20.297 W
Photons1:2.409e+001 umol/s(400~500nm) Photons2:2.339e+001 umol/s(600~700nm)

Electrical parameters

V = 221.4 V I = 0.4349 A P = 95.28 W PF = 0.9895