

Spectrum Test Report

Sample :
Specification : 2835-120L-24V-6500K
Sample No. : 1
Manufacturer :

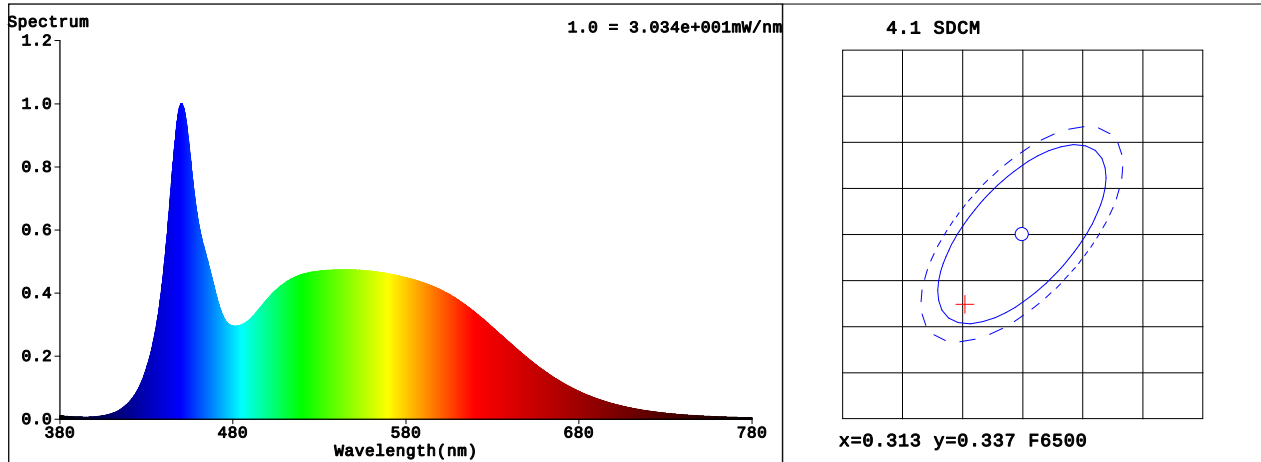
Date : 2025-09-16
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : XIAOXIN
Assessor : damin

Test Condition

Temperature : 24.5Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 60.0%
IP : 51138 (78%)
T : 281 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3082$ $y = 0.3294$ / $u' = 0.1946$ $v' = 0.4679$ ($duv=5.68e-03$)

CCT= 6747K Prcp WL: Ld=489.7nm Purity=8.8%

Peak WL: Lp=451nm FWHM: =24.9nm Ratio:R=13.3% G=80.5% B=6.1%

Render Index: Ra = 85.5

R1 =83 R2 =90 R3 =93 R4 =85 R5 =84 R6 =85 R7 =90
R8 =73 R9 =17 R10=75 R11=85 R12=63 R13=85 R14=97 R15=79

Photometric & Radiometric Parameters

Flux = 948.61 lm Eff. : 80.02 lm/W Fe = 3.1224 W

Electrical parameters

V = 24.03 V I = 0.4933 A P = 11.85 W PF = 1.000 F=0.00 Hz

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