

Spectrum Test Report

Sample :
Specification : 2835-120L-24V-3000K
Sample No. : 1
Manufacturer :

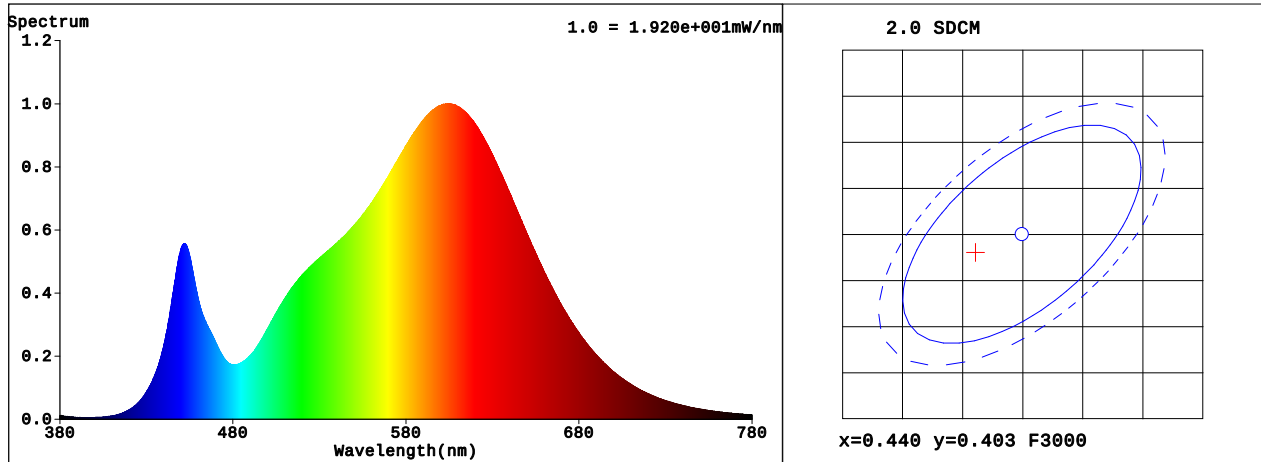
Date : 2025-09-16
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : XIAOXIN
Assessor : damin

Test Condition

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

RH : 60.0%
IP : 51070 (78%)
T : 217 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4361$ $y = 0.4010$ / $u' = 0.2513$ $v' = 0.5201$ ($duv = -1.11e-03$)

CCT= 2989K Prcp WL: Ld=583.3nm Purity=51.3%

Peak WL: Lp=606nm FWHM: =129.3nm Ratio:R=23.0% G=74.5% B=2.4%

Render Index: Ra = 82.4

R1 =81	R2 =90	R3 =96	R4 =80	R5 =81	R6 =88	R7 =83
R8 =59	R9 =8	R10=78	R11=79	R12=69	R13=83	R14=99 R15=74

Photometric & Radiometric Parameters

Flux = 938.13 lm Eff. : 83.70 lm/W Fe = 2.8557 W

Electrical parameters

V = 24.03 V I = 0.4664 A P = 11.21 W PF = 1.000 F=0.00 Hz