

Spectrum Test Report

Sample :
Specification : 2835-120L-24V-4000K
Sample No. : 3
Manufacturer :

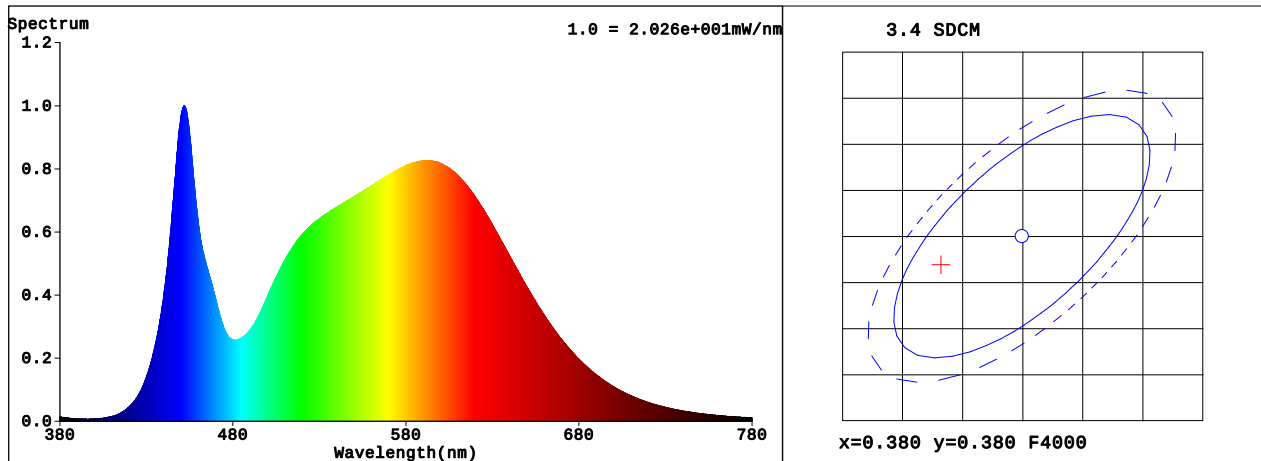
Date : 2025-09-16
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : XIAOXIN
Assessor : damin

Test Condition

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

RH : 60.0%
IP : 50834 (78%)
T : 241 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3732$ $y = 0.3769$ / $u' = 0.2203$ $v' = 0.5006$ ($duv=2.27e-03$)

CCT= 4203K Prcp WL: Ld=577.0nm Purity=25.1%

Peak WL: Lp=452nm FWHM: =22.2nm Ratio:R=17.5% G=78.8% B=3.7%

Render Index: Ra = 82.5

R1 =81 R2 =88 R3 =93 R4 =81 R5 =80 R6 =83 R7 =87
R8 =66 R9 =9 R10=71 R11=80 R12=58 R13=82 R14=96 R15=75

Photometric & Radiometric Parameters

Flux = 1004.1 lm Eff. : 87.30 lm/W Fe = 3.0459 W

Electrical parameters

V = 24.04 V I = 0.4784 A P = 11.50 W PF = 1.000 F=0.00 Hz

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<http://www.everfine.cn>