

Spectrum Test Report

Sample :
Specification : 784-24v-12mm W
Sample No. : 2859
Manufacturer : EVERFINE

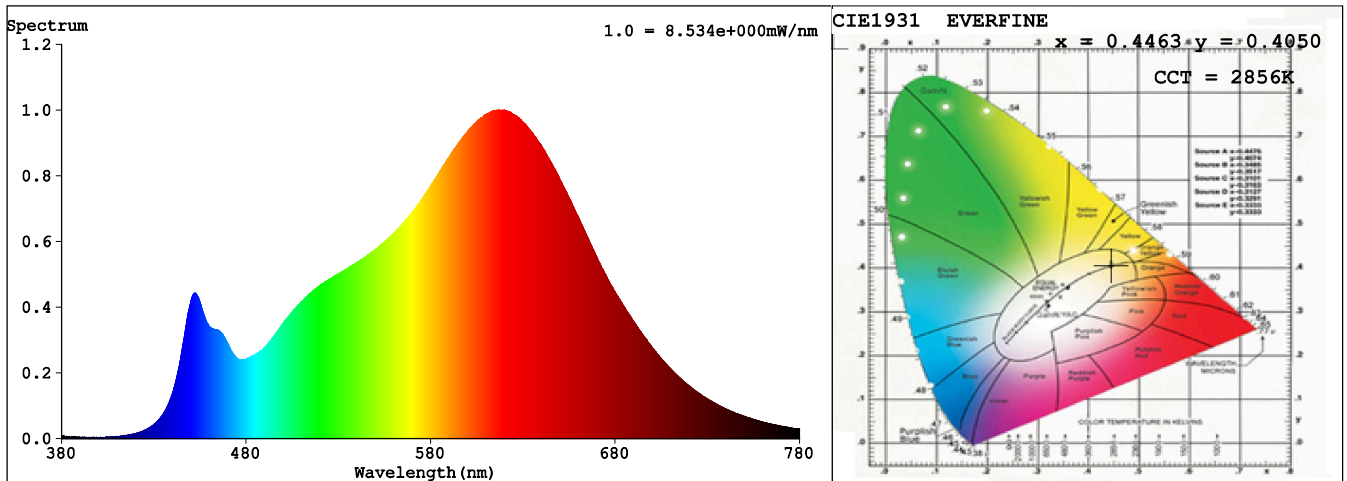
Date : 2025-03-09 08:39:03
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 50853 (78%)
T : 239 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4463$ $y = 0.4050$ / $u' = 0.2562$ $v' = 0.5231$ ($duv = -8.08e-04$)

CCT= 2856K Prcp WL: $L_d = 583.7\text{nm}$ Purity=55.5%

Peak WL: $L_p = 617\text{nm}$ FWHM: $=144.9\text{nm}$ Ratio: R=25.3% G=71.7% B=2.9%

Render Index: $R_a = 92.1$

R1 =93 R2 =98 R3 =97 R4 =92 R5 =93 R6 =97 R7 =89
R8 =78 R9 =52 R10=95 R11=94 R12=85 R13=95 R14=99 R15=88

Photometric & Radiometric Parameters

Flux = 405.01 lm Eff. : 72.62 lm/W $F_e = 1.3801\text{ W}$

Electrical parameters

V = 24.00 V I = 0.2324 A P = 5.577 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>