

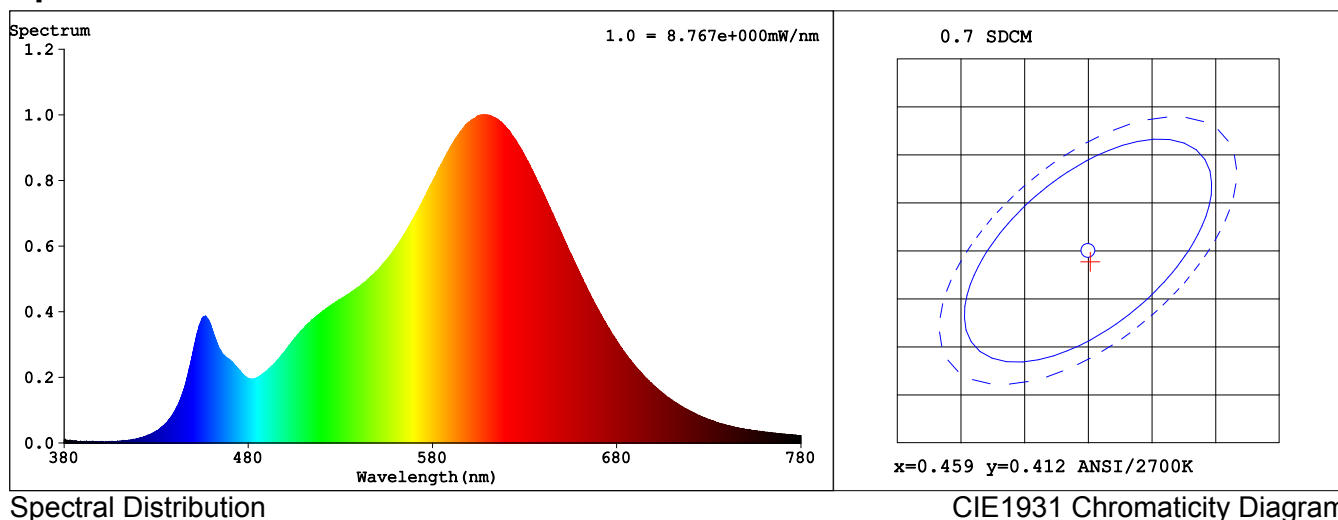
Spectrum Test Report

Sample	:	Date	: 2023-03-13 17:18:30
Specification	: ML-0173	Sam. Status	:
Sample No.	: 1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48861 (75%)
Test Mode	: Fast Test	T	: 2000 ms
		Sensitivity	: Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4592$ $y = 0.4108$ / $u' = 0.2619$ $v' = 0.5273$ ($duv=1.49e-04$)
 CCT= 2712K Prcp WL: Ld=584.1nm Purity=61.2%
 Peak WL: Lp=608nm FWHM: =116.1nm Ratio:R=25.4% G=72.1% B=2.5%

Render Index: Ra = 84.6

R1 =84	R2 =94	R3 =94	R4 =82	R5 =85	R6 =95	R7 =82	
R8 =60	R9 =16	R10=88	R11=83	R12=79	R13=87	R14=97	R15=76

Photometric & Radiometric Parameters

Flux = 396.76 lm Eff. : 81.47 lm/W Fe = 1.2465 W Scotopic:500.25 S/P:1.2608
 Photosynthetic:PPF:5.8517umol/s PAR WATT:1198.2mW(400-700nm)

Electrical parameters

V = 126.7 V I = 0.06800 A P = 4.870 W PF = 0.5580

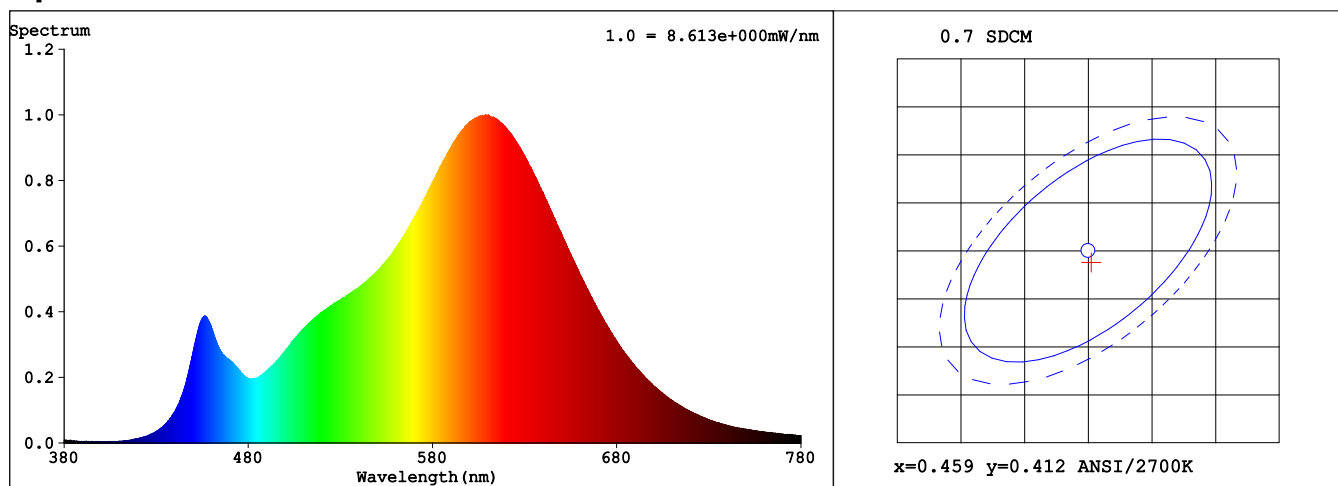
Spectrum Test Report

Sample	:	Date	: 2023-03-13 17:18:52
Specification	: ML-0173	Sam. Status	:
Sample No.	: 2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 47842 (73%)
Test Mode	: Fast Test	T	: 2000 ms
		Sensitivity	: Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4592$ $y = 0.4108$ / $u' = 0.2620$ $v' = 0.5273$ ($duv=1.20e-04$)
 CCT= 2710K Prcp WL: $L_d=584.1nm$ Purity=61.2%
 Peak WL: $L_p=609nm$ FWHM: $=115.9nm$ Ratio:R=25.5% G=72.0% B=2.5%

Render Index: $R_a = 84.6$

R1 =84	R2 =95	R3 =94	R4 =82	R5 =85	R6 =95	R7 =82	
R8 =60	R9 =16	R10=88	R11=83	R12=79	R13=87	R14=97	R15=76

Photometric & Radiometric Parameters

Flux = 388.84 lm Eff. : 81.35 lm/W Fe = 1.2218 W Scotopic:490.32 S/P:1.261
 Photosynthetic:PPF:5.7365umol/s PAR WATT:1174.5mW(400-700nm)

Electrical parameters

V = 219.6 V I = 0.04900 A P = 4.780 W PF = 0.4420