

Spectrum Test Report

Sample :
Specification : ML-0209
Sample No. : 1
Manufacturer :

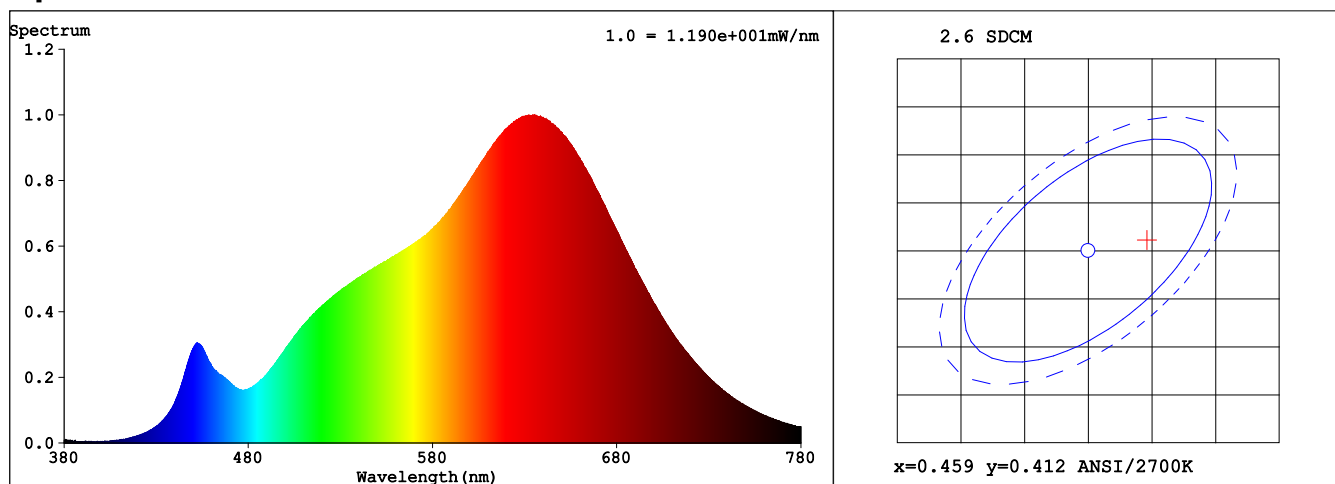
Date : 2022-12-14 17:14:18
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 45516 (69%)
T : 128 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4636$ $y = 0.4131$ / $u' = 0.2638$ $v' = 0.5289$ ($duv=6.18e-04$)
CCT= 2668K Prcp WL: $L_d=584.2nm$ Purity=63.2%
Peak WL: $L_p=635nm$ FWHM: $=154.3nm$ Ratio:R=27.2% G=70.4% B=2.3%

Render Index: $R_a = 97.3$

R1 =99	R2 =98	R3 =96	R4 =99	R5 =98	R6 =98	R7 =97
R8 =93	R9 =83	R10=94	R11=97	R12=88	R13=99	R14=97 R15=96

Photometric & Radiometric Parameters

Flux = 511.83 lm Eff. : 81.63 lm/W Fe = 1.9566 W Scotopic:656.17 S/P:1.282
Photosynthetic:PPF:8.8993umol/s PAR WATT:1785.2mW(400-700nm)

Electrical parameters

V = 126.6 V I = 0.05600 A P = 6.270 W PF = 0.8840

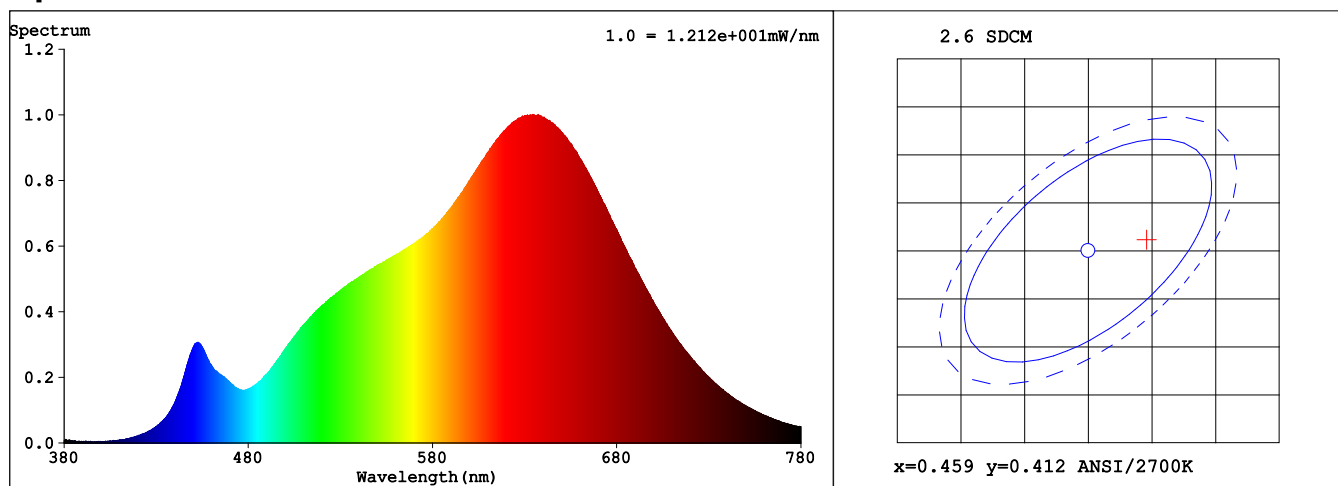
Spectrum Test Report

Sample	:	Date	: 2022-12-14 17:15:09
Specification	: ML-0209	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	: 46374 (71%)
Test Mode	: Fast Test	T	: 128 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4636$ $y = 0.4132$ / $u' = 0.2637$ $v' = 0.5289$ ($duv=6.36e-04$)
 CCT= 2669K Prcp WL: $L_d=584.2nm$ Purity=63.2%
 Peak WL: $L_p=634nm$ FWHM: $=154.3nm$ Ratio:R=27.2% G=70.4% B=2.3%

Render Index: $R_a = 97.3$

R1 =99	R2 =98	R3 =96	R4 =99	R5 =98	R6 =98	R7 =97	
R8 =93	R9 =84	R10=94	R11=97	R12=88	R13=99	R14=96	R15=96

Photometric & Radiometric Parameters

Flux = 521.92 lm Eff. : 81.81 lm/W Fe = 1.9959 W Scotopic:669.25 S/P:1.2823
 Photosynthetic:PPF:9.0776umol/s PAR WATT:1820.9mW(400-700nm)

Electrical parameters

V = 219.5 V I = 0.04000 A P = 6.380 W PF = 0.7220