

Spectrum Test Report

Sample :
Specification : ML-0200
Sample No. : 1
Manufacturer :

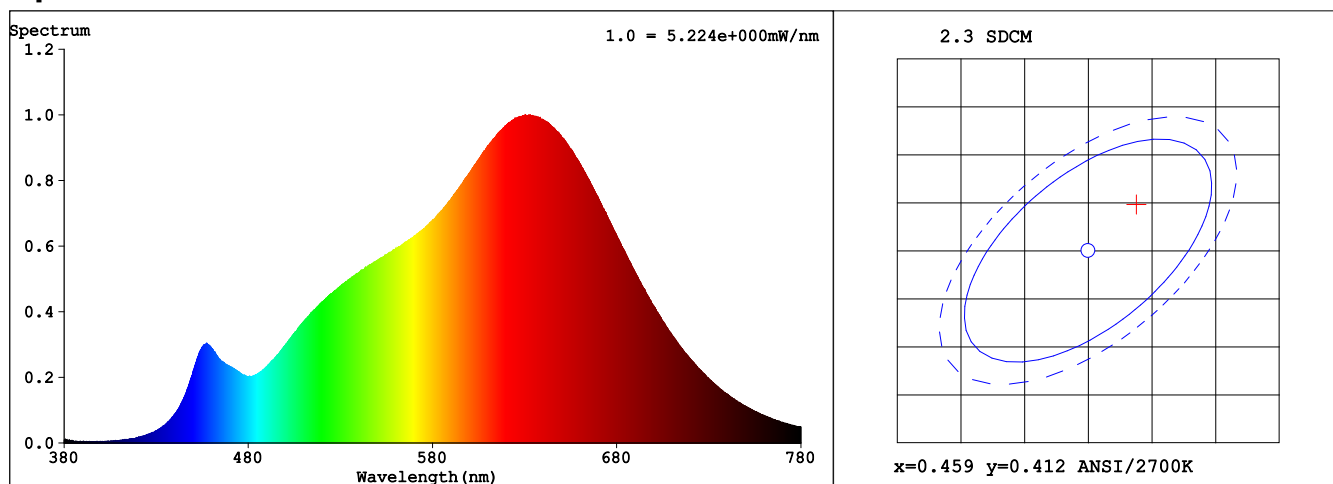
Date : 2022-12-14 17:02:14
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 47853 (73%)
T : 306 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4628$ $y = 0.4168$ / $u' = 0.2616$ $v' = 0.5301$ ($duv=2.03e-03$)
CCT= 2708K Prcp WL: $L_d=583.5nm$ Purity=64.0%
Peak WL: $L_p=630nm$ FWHM: $=156.7nm$ Ratio:R=26.8% G=70.7% B=2.5%

Render Index: $R_a = 96.6$

R1 =98 R2 =98 R3 =97 R4 =98 R5 =97 R6 =99 R7 =96
R8 =91 R9 =79 R10=95 R11=99 R12=85 R13=98 R14=97 R15=94

Photometric & Radiometric Parameters

Flux = 231.34 lm Eff. : 76.60 lm/W $F_e = 867.59 mW$ Scotopic:301.28 S/P:1.3023
Photosynthetic:PPF:3.9509umol/s PAR WATT:793.81mW(400-700nm)

Electrical parameters

V = 126.7 V I = 0.04600 A P = 3.020 W PF = 0.5080

Spectrum Test Report

Sample :
Specification : ML-0200
Sample No. : 2
Manufacturer :

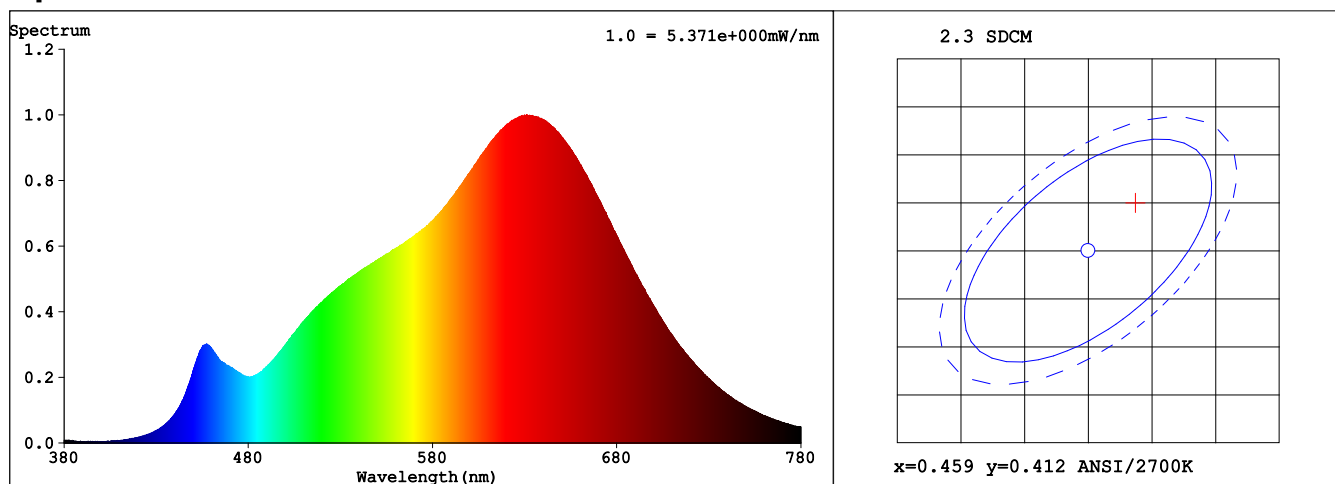
Date : 2022-12-14 17:02:37
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 49212 (75%)
T : 306 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4627$ $y = 0.4170$ / $u' = 0.2615$ $v' = 0.5302$ ($duv=2.09e-03$)
CCT= 2710K Prcp WL: $L_d=583.5nm$ Purity=64.1%
Peak WL: $L_p=631nm$ FWHM: $=157.2nm$ Ratio:R=26.7% G=70.8% B=2.5%

Render Index: $R_a = 96.6$

R1 =98 R2 =98 R3 =97 R4 =98 R5 =97 R6 =98 R7 =96
R8 =91 R9 =79 R10=94 R11=99 R12=85 R13=98 R14=97 R15=94

Photometric & Radiometric Parameters

Flux = 238.01 lm Eff. : 74.85 lm/W Fe = 892.14 mW Scotopic:309.91 S/P:1.3021
Photosynthetic:PPF:4.0628umol/s PAR WATT:816.31mW(400-700nm)

Electrical parameters

V = 219.6 V I = 0.03600 A P = 3.180 W PF = 0.3990