

Spectrum Test Report

Sample :
Specification : ML-0208
Sample No. : 1
Manufacturer :

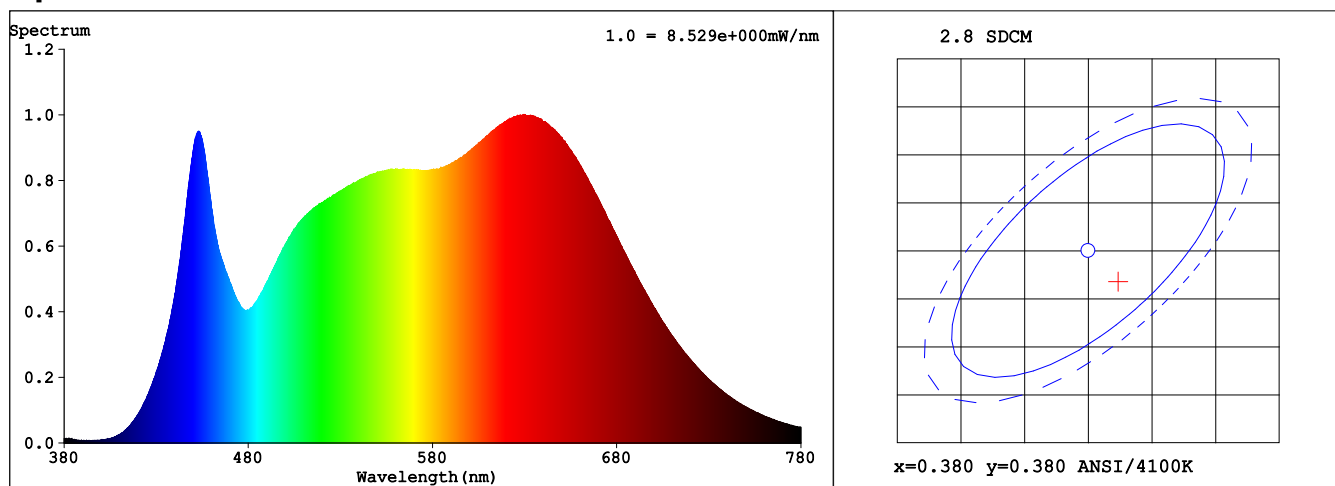
Date : 2022-12-14 17:05:33
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 51591 (79%)
T : 202 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3823$ $y = 0.3768$ / $u' = 0.2264$ $v' = 0.5019$ ($duv = -5.40e-04$)
CCT= 3949K Prcp WL: $L_d = 579.6nm$ Purity=27.8%
Peak WL: $L_p = 630nm$ FWHM: $=200.6nm$ Ratio: R=20.6% G=75.1% B=4.3%

Render Index: $R_a = 97.9$

R1 =99 R2 =98 R3 =95 R4 =99 R5 =98 R6 =96 R7 =99
R8 =99 R9 =96 R10=95 R11=97 R12=81 R13=99 R14=97 R15=99

Photometric & Radiometric Parameters

Flux = 502.05 lm Eff. : 87.31 lm/W Fe = 1.8441 W Scotopic:908.92 S/P:1.8104
Photosynthetic:PPF:8.2339umol/s PAR WATT:1723.9mW(400-700nm)

Electrical parameters

V = 126.6 V I = 0.04700 A P = 5.750 W PF = 0.9590

Spectrum Test Report

Sample :
Specification : ML-0208
Sample No. : 2
Manufacturer :

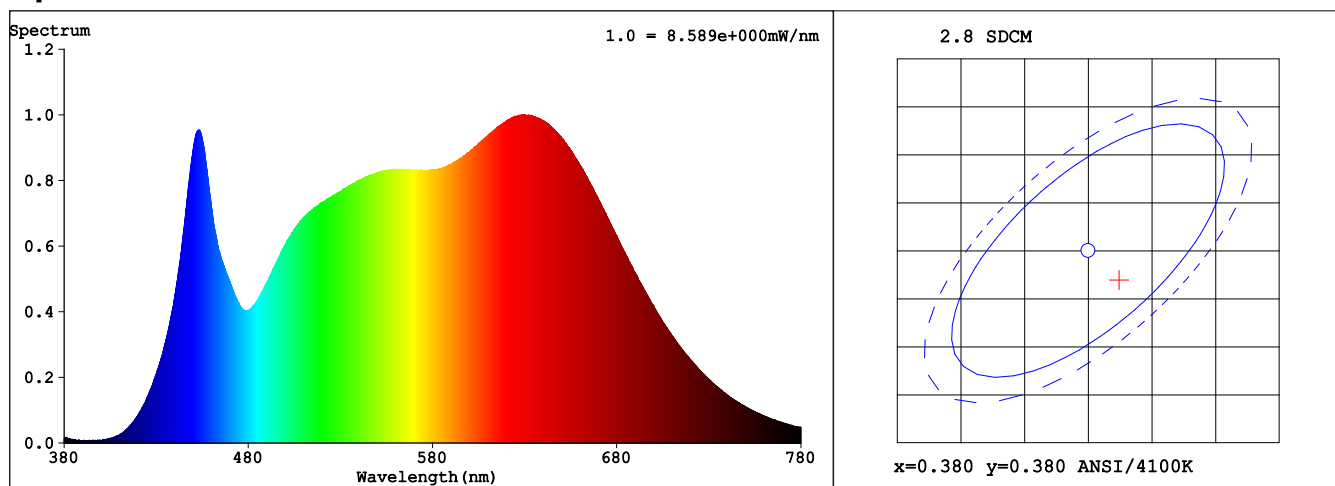
Date : 2022-12-14 17:06:00
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 51927 (79%)
T : 202 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3824$ $y = 0.3769$ / $u' = 0.2263$ $v' = 0.5020$ ($duv = -4.88e-04$)
CCT= 3948K Prcp WL: $L_d = 579.5nm$ Purity=27.9%
Peak WL: $L_p = 630nm$ FWHM: $=200.7nm$ Ratio: R=20.6% G=75.1% B=4.3%

Render Index: $R_a = 97.9$

R1 =99 R2 =98 R3 =95 R4 =99 R5 =98 R6 =96 R7 =99
R8 =99 R9 =96 R10=95 R11=97 R12=80 R13=99 R14=97 R15=99

Photometric & Radiometric Parameters

Flux = 505.30 lm Eff. : 87.12 lm/W $F_e = 1.8557 W$ Scotopic: 914.68 S/P: 1.8102
Photosynthetic: PPF: 8.2867 $\mu mol/s$ PAR WATT: 1734.7mW(400-700nm)

Electrical parameters

V = 219.6 V I = 0.03200 A P = 5.800 W PF = 0.8140