

Spectrum Test Report

Sample :
Specification : ML-0175
Sample No. : 1
Manufacturer :

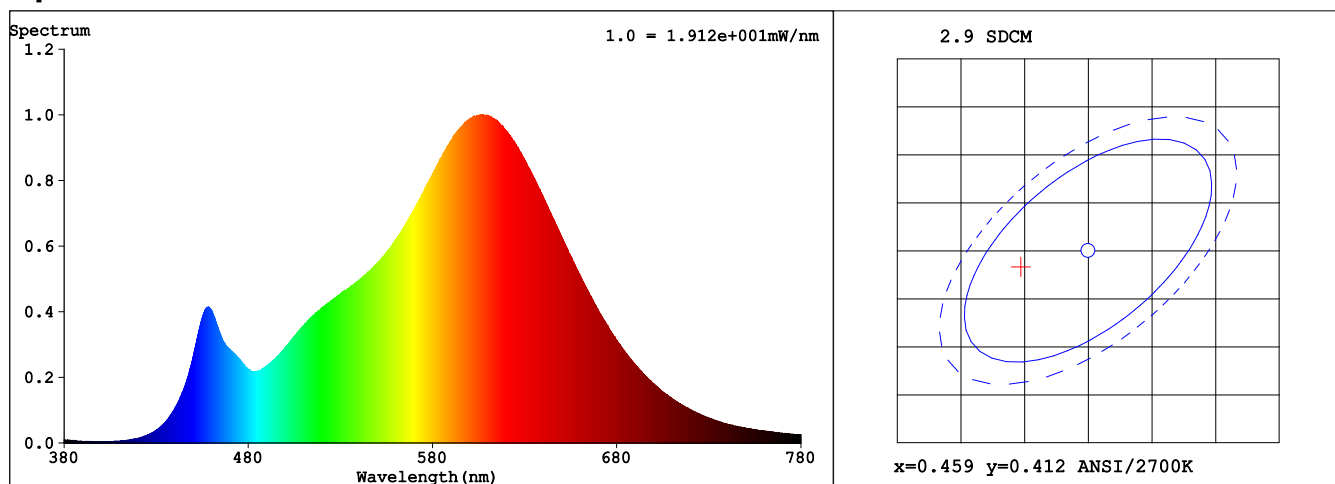
Date : 2023-03-13 17:23:26
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 53294 (81%)
T : 1000 ms
Sensitivity : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4537$ $y = 0.4103$ / $u' = 0.2586$ $v' = 0.5263$ ($duv=4.57e-04$)
CCT= 2786K Prcp WL: $L_d=583.6nm$ Purity=59.4%
Peak WL: $L_p=607nm$ FWHM: $=120.1nm$ Ratio:R=24.7% G=72.6% B=2.6%

Render Index: $R_a = 84.1$

R1 =84 R2 =94 R3 =94 R4 =81 R5 =84 R6 =94 R7 =82
R8 =60 R9 =14 R10=87 R11=81 R12=77 R13=86 R14=97 R15=76

Photometric & Radiometric Parameters

Flux = 885.66 lm Eff. : 79.79 lm/W Fe = 2.7746 W Scotopic:1144.2 S/P:1.2919
Photosynthetic:PPF:12.974umol/s PAR WATT:2663.4mW(400-700nm)

Electrical parameters

V = 126.6 V I = 0.09300 A P = 11.10 W PF = 0.9420

Spectrum Test Report

Sample :
Specification : ML-0175
Sample No. : 2
Manufacturer :

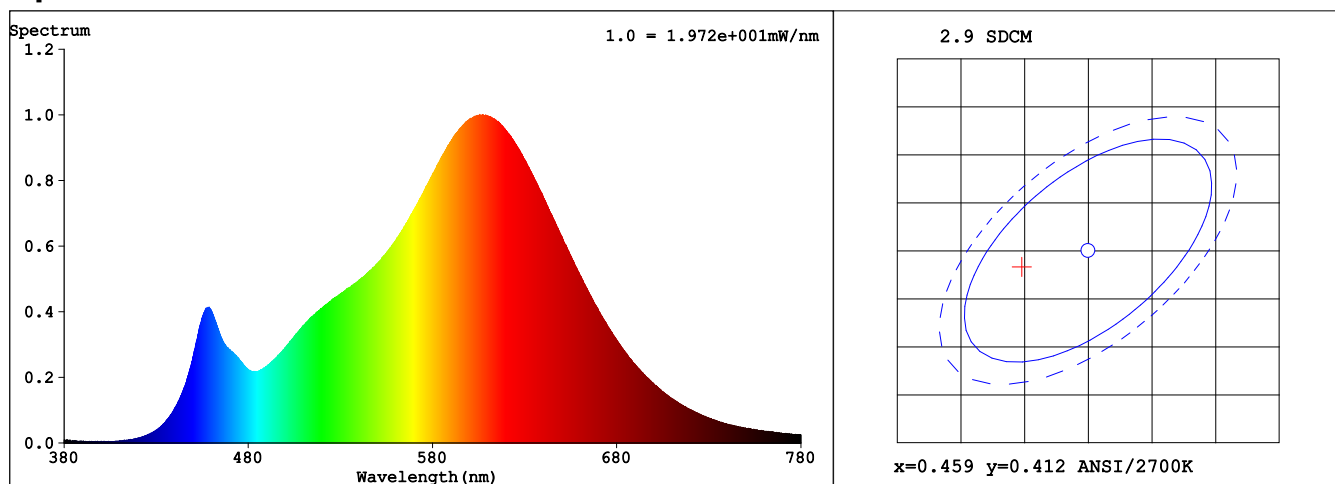
Date : 2023-03-13 17:23:47
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 54964 (84%)
T : 1000 ms
Sensitivity : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4538$ $y = 0.4103$ / $u' = 0.2587$ $v' = 0.5263$ ($duv=4.46e-04$)
CCT= 2785K Prcp WL: $L_d=583.6nm$ Purity=59.4%
Peak WL: $L_p=607nm$ FWHM: $=120.1nm$ Ratio:R=24.7% G=72.6% B=2.6%

Render Index: $R_a = 84.2$

R1 =84 R2 =94 R3 =94 R4 =81 R5 =84 R6 =94 R7 =82
R8 =60 R9 =15 R10=87 R11=81 R12=77 R13=86 R14=97 R15=76

Photometric & Radiometric Parameters

Flux = 912.42 lm Eff. : 78.66 lm/W Fe = 2.8597 W Scotopic:1178.5 S/P:1.2916
Photosynthetic:PPF:13.373umol/s PAR WATT:2745.1mW(400-700nm)

Electrical parameters

V = 219.6 V I = 0.05800 A P = 11.60 W PF = 0.9090