

## Spectrum Test Report

Sample :  
Specification : ML-0202  
Sample No. : 1  
Manufacturer :

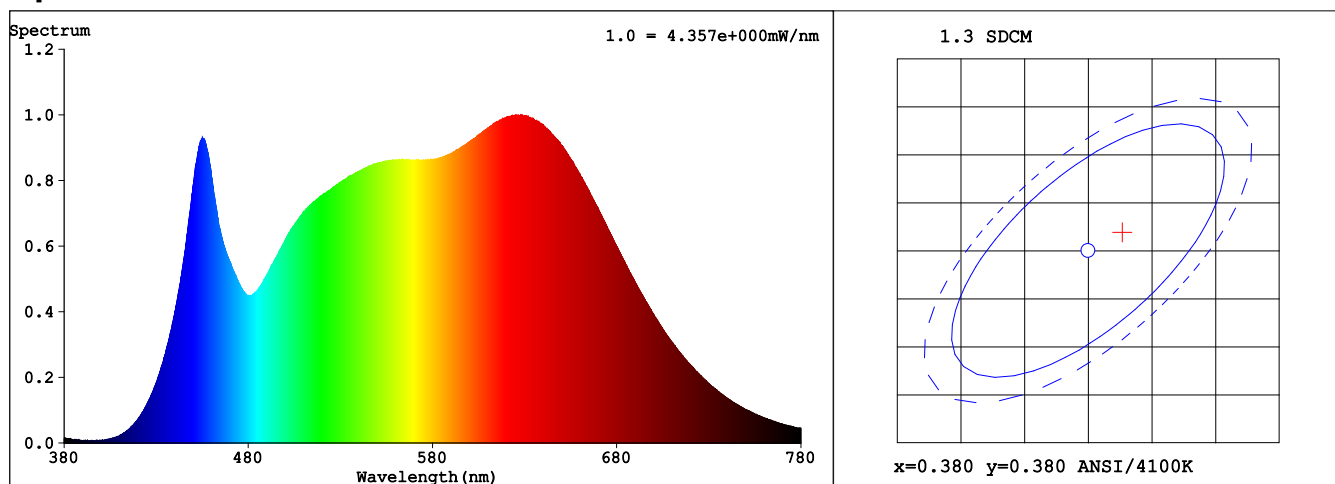
Date : 2022-12-14 17:03:38  
Sam. Status :  
Instrument : HaasSuite(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

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

RH : 65.0%  
IP : 52673 (80%)  
T : 404 ms  
Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3827$   $y = 0.3819$  /  $u' = 0.2245$   $v' = 0.5042$  ( $duv=1.75e-03$ )  
CCT= 3978K Prcp WL:  $L_d=578.2nm$  Purity=29.5%  
Peak WL:  $L_p=628nm$  FWHM:  $=200.3nm$  Ratio:R=20.2% G=75.4% B=4.4%

Render Index:  $R_a = 96.7$

R1 =97 R2 =98 R3 =97 R4 =97 R5 =96 R6 =96 R7 =98  
R8 =95 R9 =87 R10=94 R11=97 R12=78 R13=98 R14=98 R15=96

### Photometric & Radiometric Parameters

Flux = 264.00 lm Eff. : 84.08 lm/W Fe = 945.01 mW Scotopic:479.3 S/P:1.8155  
Photosynthetic:PPF:4.2337umol/s PAR WATT:887.57mW(400-700nm)

### Electrical parameters

V = 219.5 V I = 0.03600 A P = 3.140 W PF = 0.3970

## Spectrum Test Report

Sample :  
Specification : ML-0202  
Sample No. : 2  
Manufacturer :

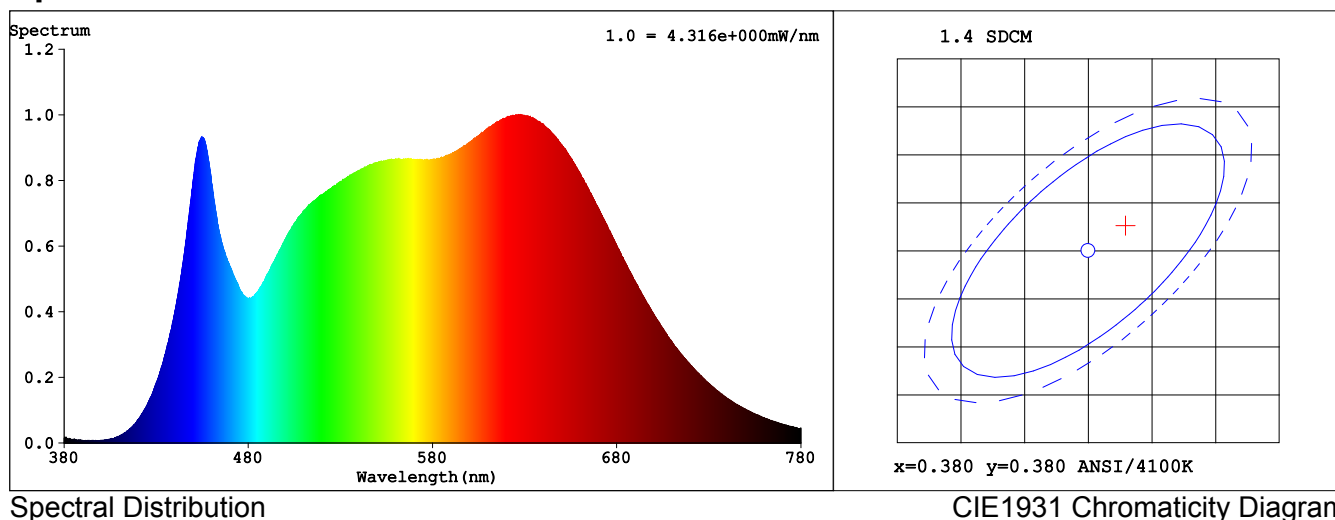
Date : 2022-12-14 17:04:32  
Sam. Status :  
Instrument : HaasSuite(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

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

RH : 65.0%  
IP : 52208 (80%)  
T : 404 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3829$   $y = 0.3826$  /  $u' = 0.2244$   $v' = 0.5045$  ( $duv=2.01e-03$ )  
CCT= 3977K Prcp WL:  $L_d=578.1nm$  Purity=29.7%  
Peak WL:  $L_p=627nm$  FWHM:  $=200.0nm$  Ratio:R=20.2% G=75.5% B=4.3%

Render Index:  $R_a = 96.6$

R1 =97 R2 =98 R3 =96 R4 =97 R5 =96 R6 =95 R7 =98  
R8 =95 R9 =87 R10=93 R11=97 R12=77 R13=97 R14=97 R15=96

### Photometric & Radiometric Parameters

Flux = 261.84 lm Eff. : 86.99 lm/W Fe = 936.26 mW Scotopic:474.29 S/P:1.8114  
Photosynthetic:PPF:4.1957umol/s PAR WATT:879.35mW(400-700nm)

### Electrical parameters

V = 126.6 V I = 0.04600 A P = 3.010 W PF = 0.5070