

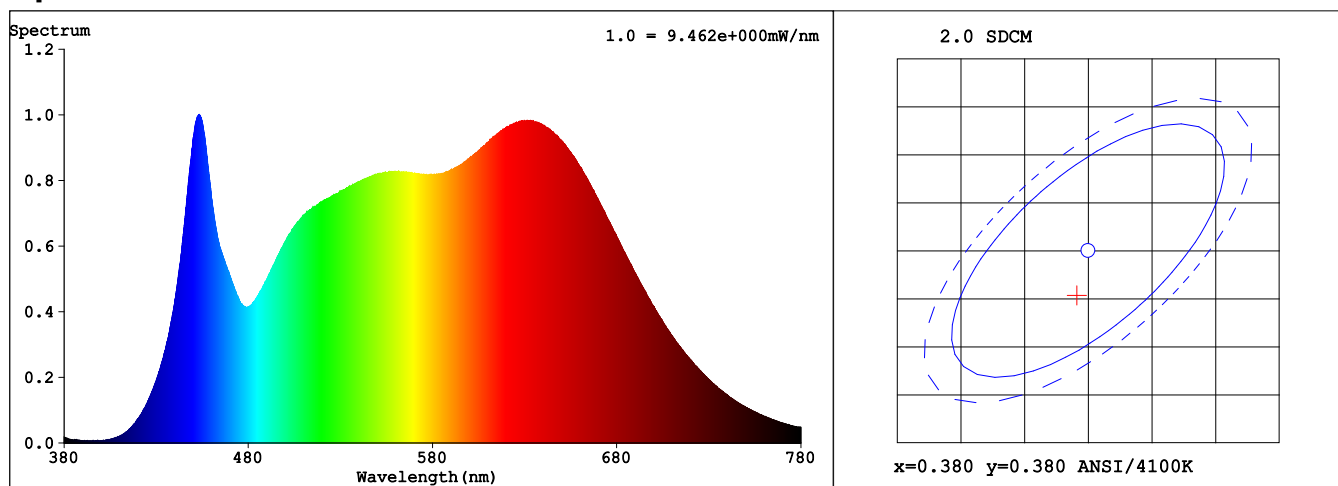
## Spectrum Test Report

Sample	:	Date	: 2022-12-14 17:17:35
Specification	: ML-0211	Sam. Status	:
Sample No.	: 1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52561 (80%)
Test Mode	: Fast Test	T	: 189 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3791$   $y = 0.3754$  /  $u' = 0.2248$   $v' = 0.5008$  ( $duv = -2.61e-04$ )  
 CCT= 4026K Prcp WL: Ld=579.1nm Purity=26.4%  
 Peak WL: Lp=453nm FWHM: =28.8nm Ratio:R=20.4% G=75.2% B=4.4%

Render Index: Ra = 98.3

R1 =99	R2 =99	R3 =96	R4 =99	R5 =98	R6 =96	R7 =100	
R8 =100	R9 =98	R10=96	R11=97	R12=79	R13=100	R14=97	R15=98

### Photometric & Radiometric Parameters

Flux = 551.88 lm Eff. : 90.18 lm/W Fe = 2.0345 W Scotopic:1017 S/P:1.8428  
 Photosynthetic:PPF:9.076umol/s PAR WATT:1901.8mW(400-700nm)

### Electrical parameters

V = 126.6 V I = 0.05400 A P = 6.120 W PF = 0.8820

## Spectrum Test Report

Sample :  
Specification : ML-0211  
Sample No. : 2  
Manufacturer :

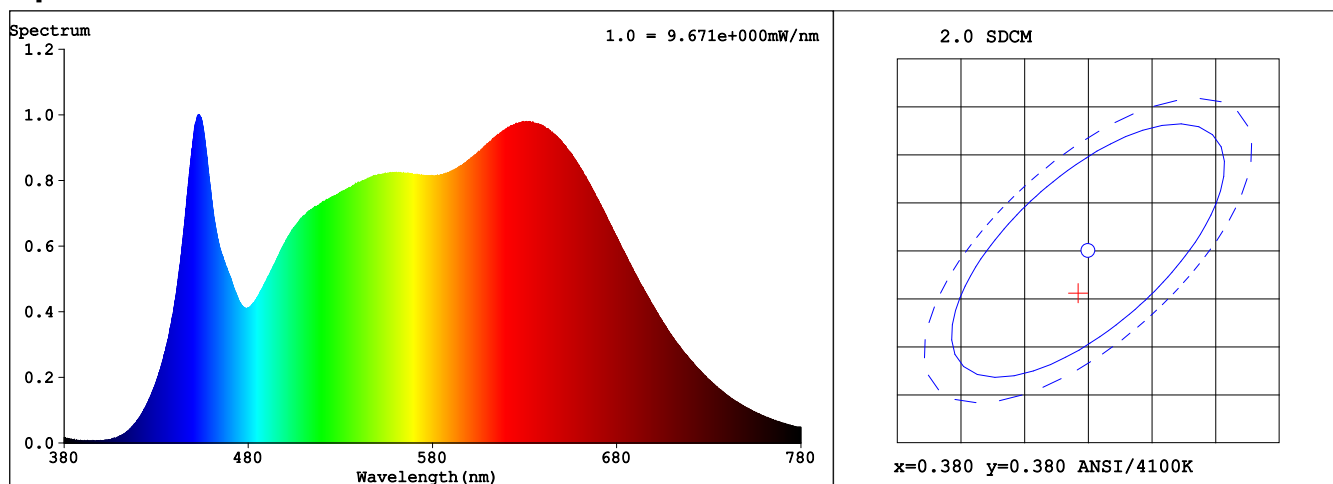
Date : 2022-12-14 17:17:55  
Sam. Status :  
Instrument : HaasSuite(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

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

RH : 65.0%  
IP : 53569 (82%)  
T : 189 ms  
Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3792$   $y = 0.3756$  /  $u' = 0.2248$   $v' = 0.5009$  ( $duv = -1.98e-04$ )  
CCT= 4024K Prcp WL: Ld=579.1nm Purity=26.5%  
Peak WL: Lp=453nm FWHM: =28.6nm Ratio:R=20.4% G=75.2% B=4.4%

Render Index: Ra = 98.3

R1 =99 R2 =99 R3 =96 R4 =99 R5 =98 R6 =96 R7 =100  
R8 =99 R9 =98 R10=96 R11=97 R12=79 R13=100 R14=97 R15=98

### Photometric & Radiometric Parameters

Flux = 561.80 lm Eff. : 90.18 lm/W Fe = 2.0709 W Scotopic:1035 S/P:1.8423  
Photosynthetic:PPF:9.2388umol/s PAR WATT:1935.6mW(400-700nm)

### Electrical parameters

V = 219.6 V I = 0.03900 A P = 6.230 W PF = 0.7190