

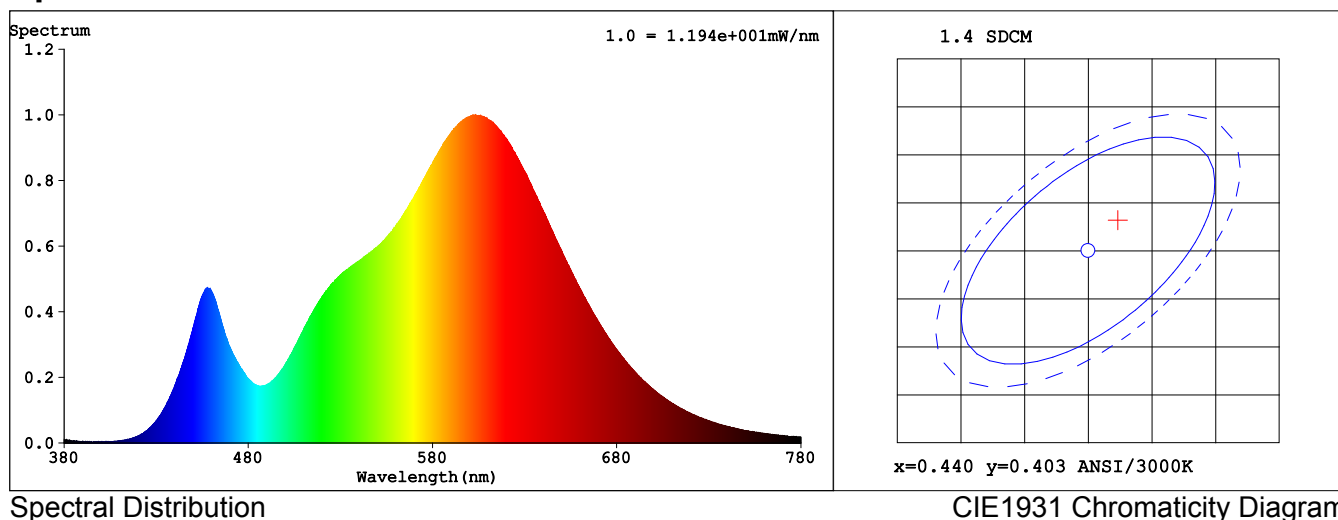
## Spectrum Test Report

Sample	:	Date	: 2023-06-03 15:23:53
Specification	: ML-0258	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	: 52814 (81%)
Test Mode	: Fast Test	T	: 135 ms
		Sensitivity	: High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4423$   $y = 0.4062$  /  $u' = 0.2531$   $v' = 0.5230$  ( $duv=1.30e-04$ )  
 CCT= 2928K Prcp WL: Ld=583.1nm Purity=54.7%  
 Peak WL: Lp=603nm FWHM: =129.4nm Ratio:R=23.3% G=74.3% B=2.4%

Render Index: Ra = 82.0

R1 =81	R2 =91	R3 =97	R4 =79	R5 =80	R6 =88	R7 =83	
R8 =58	R9 =6	R10=77	R11=77	R12=67	R13=83	R14=99	R15=73

### Photometric & Radiometric Parameters

Flux = 572.76 lm Eff. : 90.48 lm/W Fe = 1.7438 W Scotopic:742.86 S/P:1.297  
 Photosynthetic:PPF:8.146umol/s PAR WATT:1683.2mW(400-700nm)

### Electrical parameters

V = 126.9 V I = 0.05200 A P = 6.330 W PF = 0.9540

## Spectrum Test Report

Sample :  
Specification : ML-0258  
Sample No. : 2  
Manufacturer :

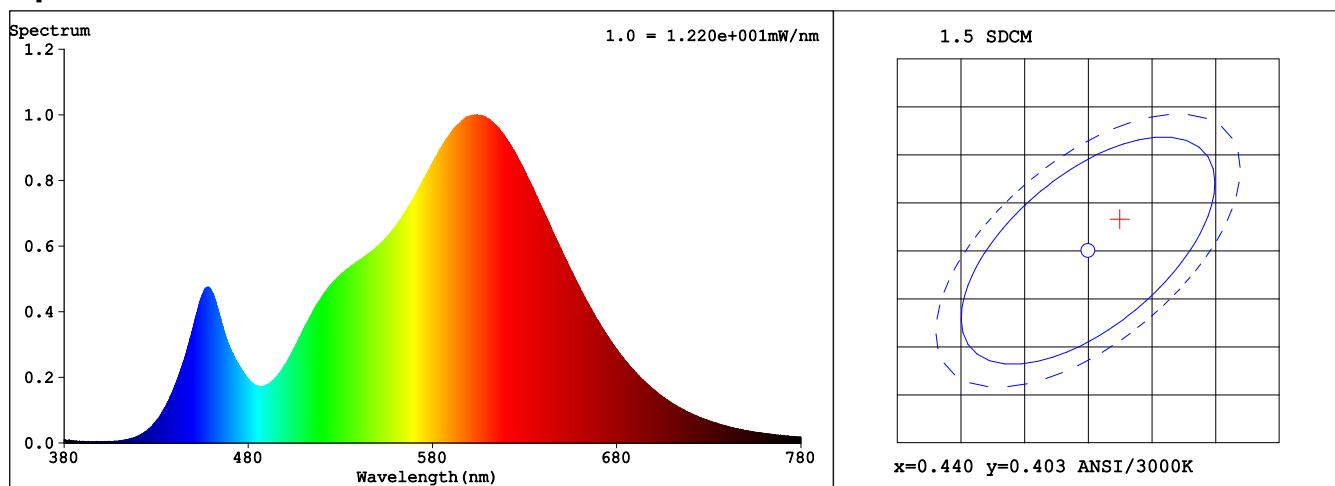
Date : 2023-06-03 15:24:24  
Sam. Status :  
Instrument : HaasSuite(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

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

RH : 65.0%  
IP : 53998 (82%)  
T : 135 ms  
Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4425$   $y = 0.4063$  /  $u' = 0.2532$   $v' = 0.5231$  ( $duv=1.50e-04$ )  
CCT= 2927K Prcp WL: Ld=583.1nm Purity=54.8%  
Peak WL: Lp=604nm FWHM: =129.5nm Ratio:R=23.3% G=74.3% B=2.4%

Render Index: Ra = 82.0

R1 =81 R2 =91 R3 =97 R4 =79 R5 =80 R6 =88 R7 =83  
R8 =58 R9 =6 R10=77 R11=77 R12=67 R13=83 R14=99 R15=73

### Photometric & Radiometric Parameters

Flux = 585.36 lm Eff. : 93.36 lm/W Fe = 1.7818 W Scotopic:758.71 S/P:1.2961  
Photosynthetic:PPF:8.3248umol/s PAR WATT:1720mW(400-700nm)

### Electrical parameters

V = 219.8 V I = 0.03400 A P = 6.270 W PF = 0.8290