

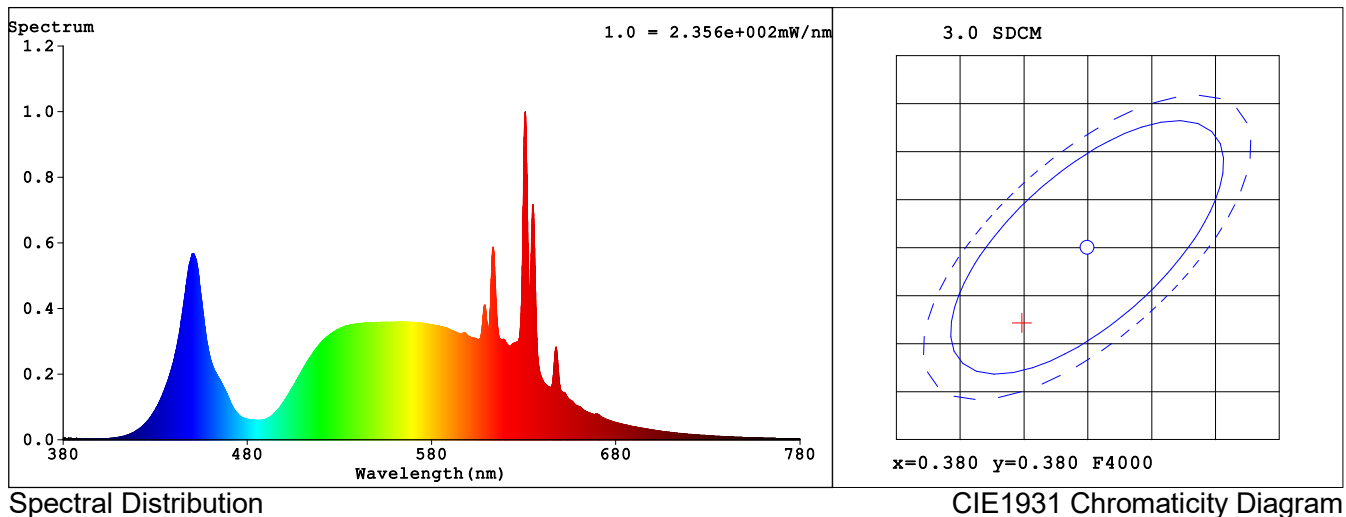
## Spectrum Test Report

Sample	:	Date	:	2023-07-20 09:22:23
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Mingyang
Remark	:			

### Test Condition

Temperature	:	25.4Deg	RH	:	58.8%
WL Range	:	380nm-780nm	IP	:	52541 (80%)
Test Mode	:	Accuracy Test	T	:	12 ms
			Sensitivity	:	High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3749$   $y = 0.3722$  /  $u' = 0.2233$   $v' = 0.4987$  ( $duv = -4.97e-04$ )  
 CCT= 4122K Prcp WL: Ld=578.9nm Purity=24.2%  
 Peak WL: Lp=631nm FWHM: =3.8nm Ratio:R=18.8% G=78.6% B=2.6%

Render Index: Ra = 83.7 TM30:Rf=83 Rg=103

R1 =86 R2 =85 R3 =81 R4 =85 R5 =83 R6 =78 R7 =89  
 R8 =82 R9 =47 R10=61 R11=83 R12=50 R13=85 R14=88 R15=85  
 LEVEL:OUT WHITE:ANSI\_4000K

### Photometric & Radiometric Parameters

Flux = 5481.7 lm Eff. : 180.56 lm/W Fe = 16.229 W  
 Photosynthetic:PPF(400-700nm):74.359umol/s PRF(400-700nm):15996mW

### Electrical parameters

V = 230.0 V I = 0.1381 A P = 30.36 W PF = 0.9556 F=49.99 Hz