

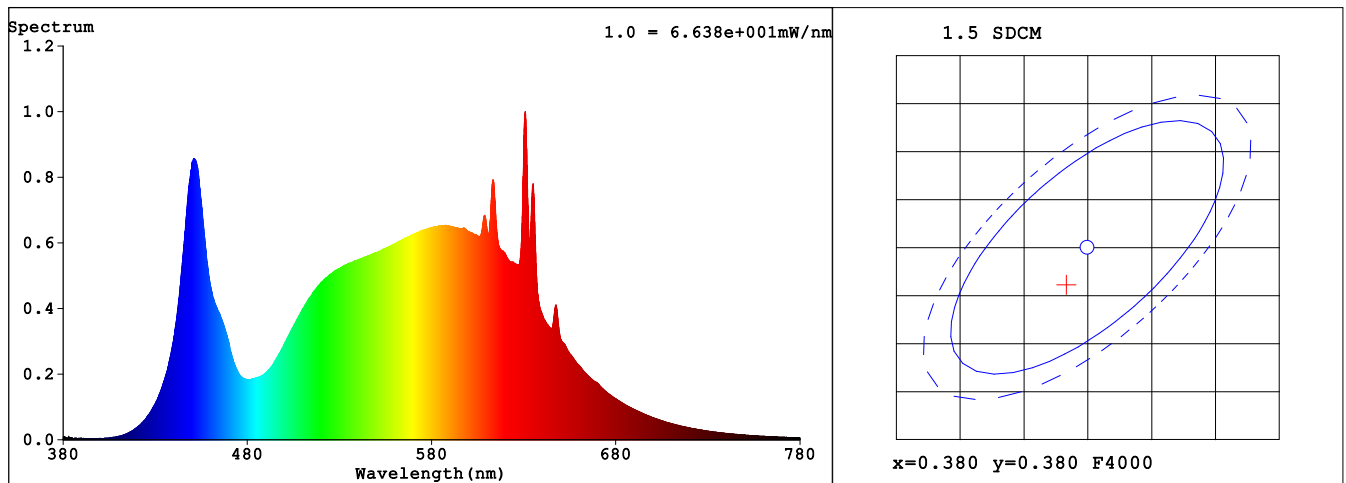
Spectrum Test Report

Sample	:	Date	:	2023-07-20 10:45:33
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Mingyang
Remark	:			

Test Condition

Temperature	:	25.5Deg	RH	:	58.5%
WL Range	:	380nm-780nm	IP	:	48448 (74%)
Test Mode	:	Accuracy Test	T	:	37 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3783$ $y = 0.3761$ / $u' = 0.2240$ $v' = 0.5010$ ($duv=3.23e-04$)
 CCT= 4053K Prcp WL: $L_d=578.7nm$ Purity=26.4%
 Peak WL: $L_p=631nm$ FWHM: =114.0nm Ratio:R=18.5% G=78.1% B=3.4%

Render Index: $R_a = 84.3$ TM30: $R_f=84$ $R_g=98$

R1 =84	R2 =89	R3 =92	R4 =84	R5 =83	R6 =84	R7 =89	
R8 =71	R9 =23	R10=72	R11=82	R12=59	R13=85	R14=95	R15=79

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 2653.5 lm Eff. : 173.97 lm/W $F_e = 7.9403$ W
 Photosynthetic:PPF(400-700nm):36.372umol/s PRF(400-700nm):7802.7mW

Electrical parameters

V = 230.0 V I = 0.06905 A P = 15.25 W PF = 0.9605 F=49.99 Hz