

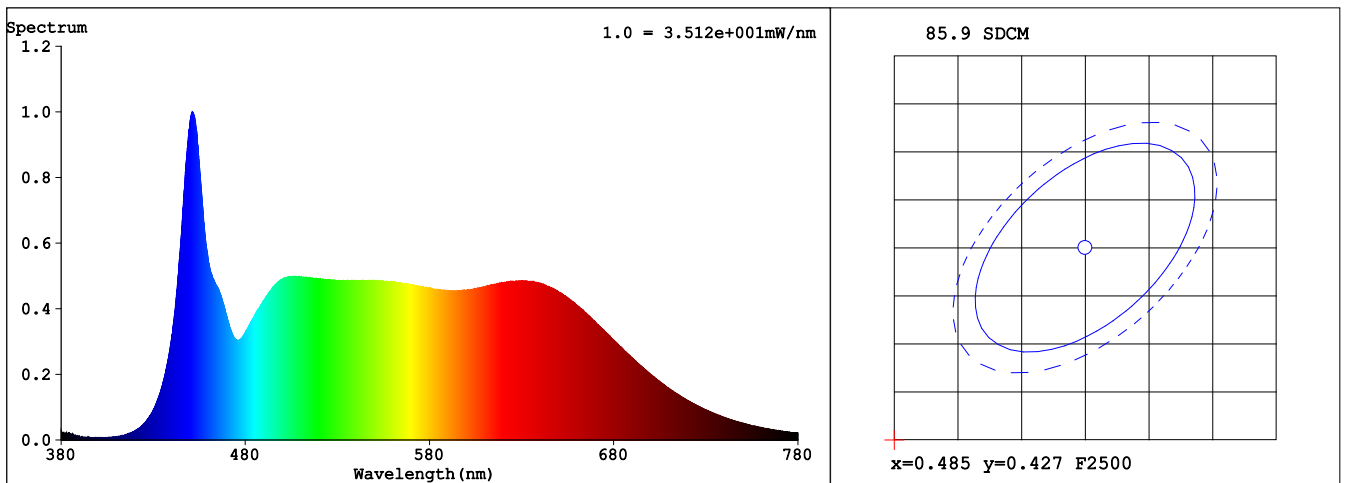
Spectrum Test Report

Sample	:	Date	:	2020-03-03 14:18:57
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Zeng
		Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	51394 (78%)
Test Mode	:	Fast Test	T	:	11054 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3373$ $y = 0.3491$ / $u' = 0.2071$ $v' = 0.4823$ ($duv=1.95e-03$)

CCT= 5301K Prcp WL: $L_d=563.8nm$ Purity=6.0%

Peak WL: $L_p=451nm$ FWHM: =18.6nm Ratio:R=17.4% G=76.5% B=6.1%

Render Index: $R_a = 98.5$

R1 =98 R2 =100 R3 =98 R4 =99 R5 =98 R6 =97 R7 =99

R8 =98 R9 =98 R10=99 R11=96 R12=80 R13=99 R14=99 R15=97

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 1211.3 lm Eff. : 127.12 lm/W $F_e = 4.4953 W$

Flux of emitted photons($\mu mol/s$):21.219 Flu. and blue light ratio:4.406 Fluorescent eff.:209.0

Photosynthetic:PPF:19.815 $\mu mol/s$ PAR WATT:4256.4mW(400-700nm)

Electrical parameters

V = 219.6 V I = 0.07987 A P = 9.529 W PF = 0.5434