

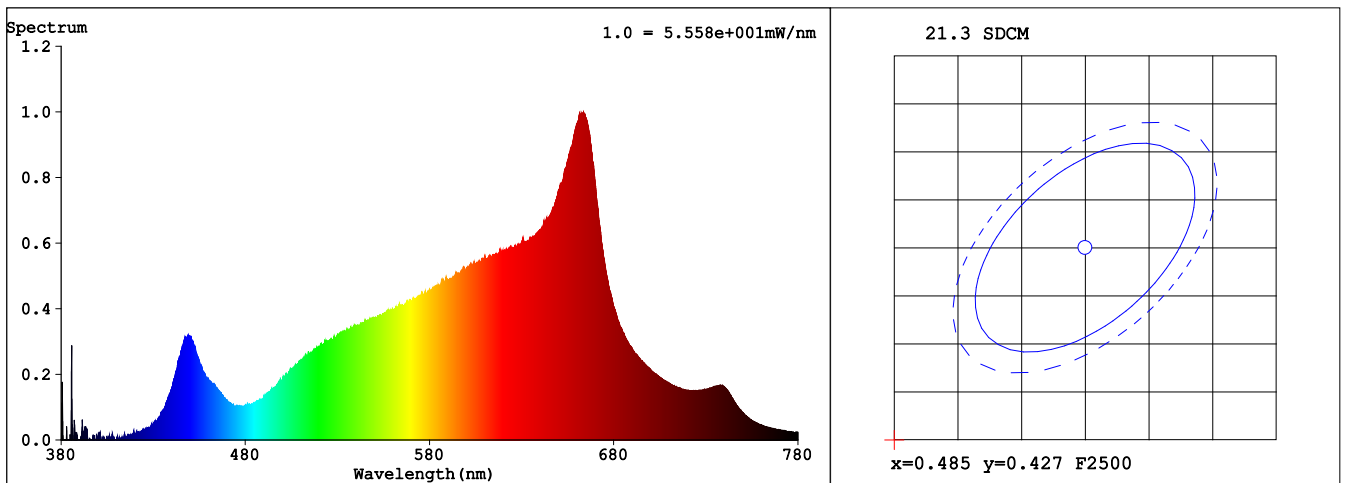
Spectrum Test Report

Sample	:	Date	:	2020-04-18 11:31:33
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	ZengMingLi
		Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	4714 (7%)
Test Mode	:	Fast Test	T	:	5000 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4486$ $y = 0.3973$ / $u' = 0.2611$ $v' = 0.5205$ ($duv = -4.01e-03$)
 CCT= 2758K Prcp WL: Ld=585.4nm Purity=53.9%
 Peak WL: Lp=664nm FWHM: =83.4nm Ratio:R=26.2% G=71.4% B=2.4%

Render Index: Ra = 96.4

R1 =99 R2 =98 R3 =93 R4 =95 R5 =98 R6 =95 R7 =96
 R8 =97 R9 =99 R10=93 R11=94 R12=88 R13=99 R14=95 R15=99
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1623.2 lm Eff. : 89.33 lm/W Fe = 6.4829 W
 Flux of emitted photons(umol/s):32.781 Flu. and blue light ratio:12.46 Fluorescent eff.:189.0
 Photosynthetic:PPF:29.854umol/s PAR WATT:5994.3mW(400-700nm)

Electrical parameters

V = 219.6 V I = 0.1446 A P = 18.17 W PF = 0.5723