

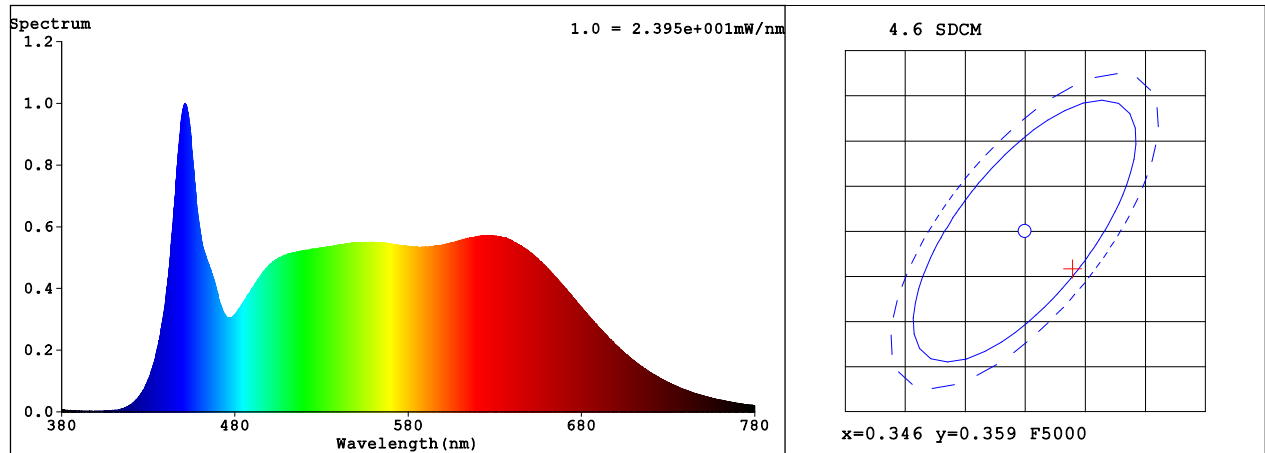
## Spectrum Test Report

Sample	:		Date	:	2020-05-23 20:13:46
Specification	:	T5 Strip Light 2FT 9W Ra95 50K	Standardtus	:	
Sample No.	:	200232-5 HAN 0111070046N	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	HW
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52206 (80%)
Test Mode	:	Accuracy Test	T	:	1348 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3500$   $y = 0.3548$  /  $u' = 0.2135$   $v' = 0.4870$  ( $duv = -3.33e-04$ )  $Dx, Dy: 0.0000, 0.0000$

CCT= 4829K Prcp WL: Ld=575.0nm Purity=11.5%

Peak WL: Lp=451nm FWHM: =20.9nm Ratio:R=19.4% G=0.0% B=0.0%

Render Index: Ra = 97.4

R1 =98	R2 =99	R3 =97	R4 =98	R5 =97	R6 =95	R7 =99	
R8 =97	R9 =94	R10=96	R11=97	R12=73	R13=99	R14=98	R15=97

### Photometric & Radiometric Parameters

Flux = 927.22 lm Eff. : 103.17 lm/W Fe = 3.3626 W

Flux of emitted photons( $\mu\text{mol/s}$ ):15.959 Fluo. and blue light ratio:4.664 Fluorescent eff.:305.1

Photons1:3.129e+000  $\mu\text{mol/s}$ (400~500nm) Photons2:5.968e+000  $\mu\text{mol/s}$ (600~700nm)

Tb: 20.0 deg

### Electrical parameters

V = 119.93 V I = 0.07570 A P = 8.987 W PF = 0.9900