

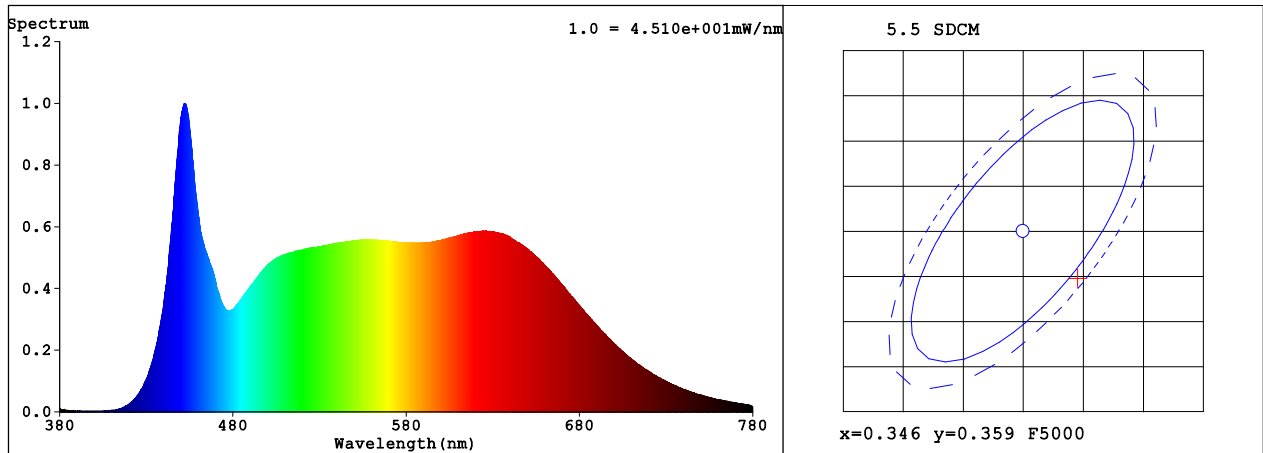
## Spectrum Test Report

Sample :	Date : 2020-05-25 15:41:56
Specification : T5 Strip Light 4FT 18W Ra95 50K	Standardtus :
Sample No. : 200232-8 HAN 0111070049N	Instrument : HaasSuite(EVERFINE)
Manufacturer :	Test by : HW
Assessor : damin	
Remark :	

### Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52171 (80%)
Test Mode : Accuracy Test	T : 710 ms
Sensitivity : Low	

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3506$   $y = 0.3538$  /  $u' = 0.2143$   $v' = 0.4865$  ( $duv = -1.09e-03$ )  $Dx, Dy: 0.0000, 0.0000$   
 CCT= 4802K Prcp WL: Ld=576.0nm Purity=11.3%  
 Peak WL: Lp=453nm FWHM: =22.6nm Ratio:R=19.6% G=0.0% B=0.0%

Render Index: Ra = 97.4

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

### Photometric & Radiometric Parameters

Flux = 1775.3 lm Eff. : 101.02 lm/W Fe = 6.4569 W  
 Flux of emitted photons( $\mu\text{mol/s}$ ):30.656 Fluo. and blue light ratio:4.573 Fluorescent eff.:299.4  
 Photons1:6.041e+000  $\mu\text{mol/s}$ (400~500nm) Photons2:1.148e+001  $\mu\text{mol/s}$ (600~700nm)  
 Tb: 20.0 deg

### Electrical parameters

V = 120.03 V I = 0.1475 A P = 17.57 W PF = 0.9929