

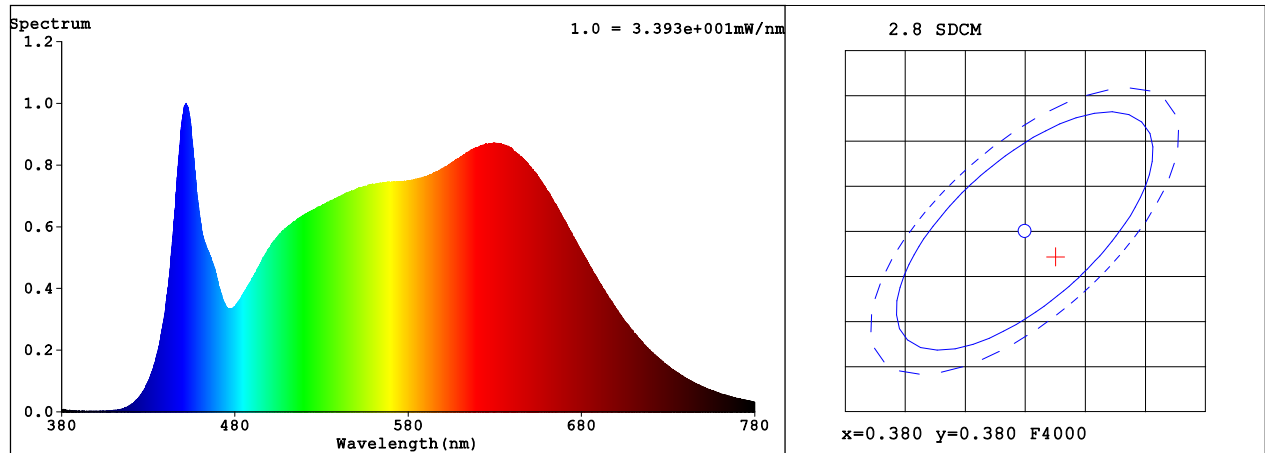
Spectrum Test Report

Sample	:	Date	: 2020-05-21 09:53:00
Specification	: T5 Strip Light 4FT 18W Ra95 40K	Standardtus	:
Sample No.	: 200232-7 HAN 0111070048N	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: HW
Assessor	: damin		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53257 (81%)
Test Mode	: Accuracy Test	T	: 645 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3826$ $y = 0.3771$ / $u' = 0.2264$ $v' = 0.5021$ ($duv = -4.37e-04$) $Dx, Dy: 0.0000, 0.0000$

CCT= 3945K Prcp WL: Ld=579.5nm Purity=28.0%

Peak WL: Lp=452nm FWHM: =22.9nm Ratio:R=21.8% G=0.0% B=0.0%

Render Index: Ra = 97.0

R1 =98	R2 =98	R3 =96	R4 =98	R5 =97	R6 =95	R7 =98	
R8 =96	R9 =90	R10=94	R11=97	R12=76	R13=98	R14=97	R15=97

Photometric & Radiometric Parameters

Flux = 1759.7 lm Eff. : 99.52 lm/W Fe = 6.3144 W

Flux of emitted photons($\mu\text{mol/s}$):30.588 Fluo. and blue light ratio:6.265 Fluorescent eff.:306.1

Photons1:4.591e+000 $\mu\text{mol/s}$ (400~500nm) Photons2:1.288e+001 $\mu\text{mol/s}$ (600~700nm)

Tb: 20.0 deg

Electrical parameters

V = 119.92 V I = 0.1484 A P = 17.68 W PF = 0.9938