

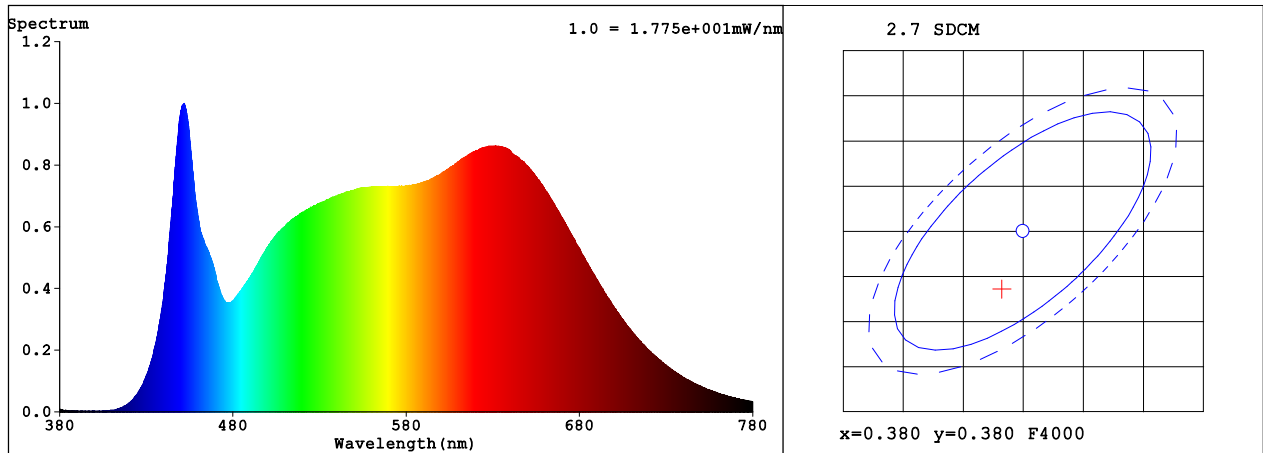
Spectrum Test Report

Sample :	Date : 2020-05-25 11:09:51
Specification : T5 Strip Light 2FT 9W Ra95 40K	Standardtus :
Sample No. : 200232-4 HAN 0111070045N	Instrument : HaasSuite(EVERFINE)
Manufacturer :	Test by : HW
Assessor : damin	
Remark :	

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 53408 (81%)
Test Mode : Accuracy Test	T : 1277 ms
Sensitivity : Low	

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3782$ $y = 0.3736$ / $u' = 0.2249$ $v' = 0.4999$ ($duv = -8.42e-04$) $Dx, Dy: 0.0000, 0.0000$
 CCT= 4038K Prcp WL: Ld=579.4nm Purity=25.6%
 Peak WL: Lp=452nm FWHM: =24.8nm Ratio:R=21.6% G=0.0% B=0.0%

Render Index: Ra = 97.7

R1 =99	R2 =99	R3 =96	R4 =99	R5 =98	R6 =95	R7 =99
R8 =98	R9 =95	R10=95	R11=97	R12=77	R13=99	R14=97 R15=98

Photometric & Radiometric Parameters

Flux = 914.40 lm Eff. : 97.80 lm/W Fe = 3.3165 W
 Flux of emitted photons($\mu\text{mol/s}$):16.044 Fluo. and blue light ratio:6.075 Fluorescent eff.:303.3
 Photons1:2.486e+000 $\mu\text{mol/s}$ (400~500nm) Photons2:6.715e+000 $\mu\text{mol/s}$ (600~700nm)
 Tb: 20.0 deg

Electrical parameters

V = 120.05 V I = 0.07824 A P = 9.350 W PF = 0.9955