

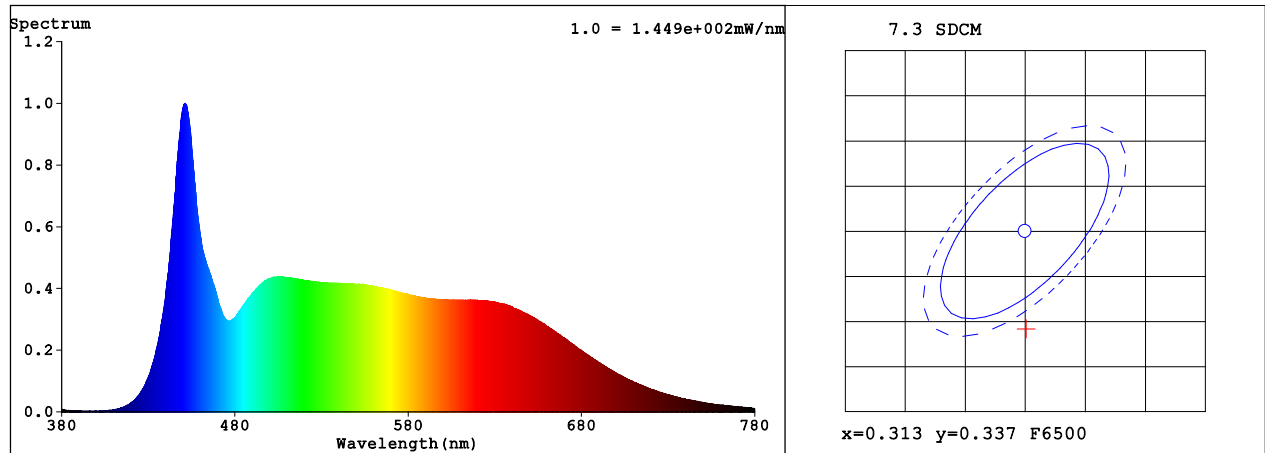
Spectrum Test Report

Sample	:		Date	:	2020-05-25 17:44:31
Specification	:	Shop Light 42W Ra95 65K	Standardtus	:	
Sample No.	:	200232-3 HAN 0116000050N	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	HW
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	53195 (81%)
Test Mode	:	Accuracy Test	T	:	329 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3131$ $y = 0.3262$ / $u' = 0.1992$ $v' = 0.4669$ ($duv=1.54e-03$) $Dx, Dy: 0.0000, 0.0000$

CCT= 6503K Prcp WL: Ld=487.1nm Purity=7.4%

Peak WL: Lp=451nm FWHM: =20.3nm Ratio:R=16.7% G=0.0% B=0.0%

Render Index: Ra = 97.5

R1 =98	R2 =99	R3 =97	R4 =99	R5 =97	R6 =95	R7 =98	
R8 =97	R9 =94	R10=97	R11=97	R12=75	R13=99	R14=99	R15=97

Photometric & Radiometric Parameters

Flux = 4183.5 lm Eff. : 101.13 lm/W Fe = 15.469 W

Flux of emitted photons($\mu\text{mol/s}$):71.404 Fluo. and blue light ratio:3.268 Fluorescent eff.:278.0

Photons1:1.871e+001 $\mu\text{mol/s}$ (400~500nm) Photons2:2.220e+001 $\mu\text{mol/s}$ (600~700nm)

Tb: 20.0 deg

Electrical parameters

V = 120.01 V I = 0.3551 A P = 41.37 W PF = 0.9707