

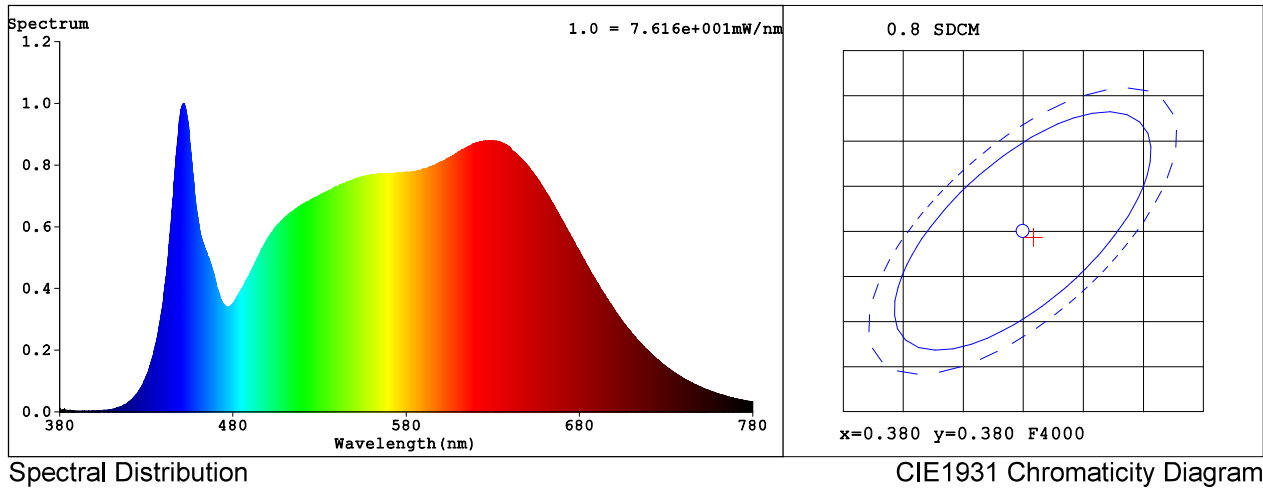
Spectrum Test Report

Sample :	Date : 2020-05-13 10:58:02
Specification : Shop Light 42W Ra95 40K	Standardtus :
Sample No. : 200232-1 HAN 0116000048N	Instrument : HaasSuite(EVERFINE)
Manufacturer :	Test by : HW
Assessor : damin	
Remark :	

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 53157 (81%)
Test Mode : Accuracy Test	T : 284 ms
Sensitivity : Low	

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3809$ $y = 0.3793$ / $u' = 0.2244$ $v' = 0.5028$ ($duv=1.06e-03$) $Dx, Dy: 0.0000, 0.0000$
 CCT= 4007K Prcp WL: Ld=578.5nm Purity=28.1%
 Peak WL: Lp=452nm FWHM: =23.5nm Ratio:R=21.3% G=0.0% B=0.0%

Render Index: Ra = 96.1

R1 =97 R2 =97 R3 =96 R4 =97 R5 =96 R6 =94 R7 =98
 R8 =95 R9 =86 R10=92 R11=97 R12=75 R13=97 R14=97 R15=96

Photometric & Radiometric Parameters

Flux = 4092.9 lm Eff. : 96.74 lm/W Fe = 14.513 W
 Flux of emitted photons($\mu\text{mol/s}$):70.146 Fluo. and blue light ratio:6.304 Fluorescent eff.:287.7
 Photons1:1.063e+001 $\mu\text{mol/s}$ (400~500nm) Photons2:2.908e+001 $\mu\text{mol/s}$ (600~700nm)
 Tb: 20.0 deg

Electrical parameters

V = 120.09 V I = 0.3627 A P = 42.31 W PF = 0.9714