

Spectrum Test Report

Sample : CH024
Specification : 2835-120D-24V-10MM-6500K
Sample No. : 1
Manufacturer :
Assessor :
Remark :

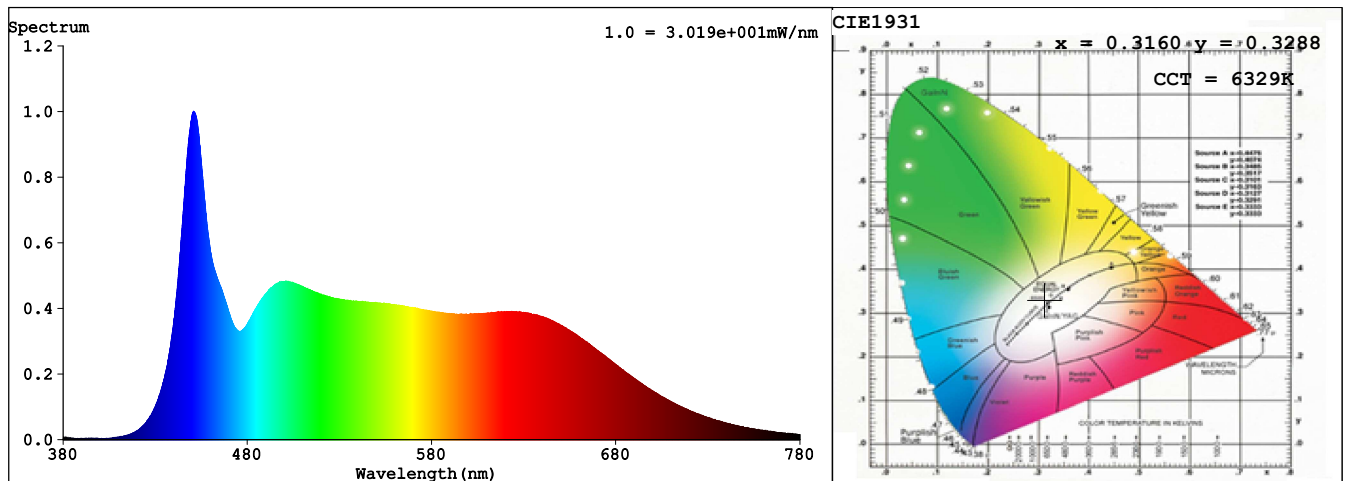
Date : 2021-09-02 14:41:20
Standardtus :
Instrument :
Test by :

Test Condition

Temprature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 65.0%
IP : 52828 (81%)
T : 156 ms

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3160$ $y = 0.3288$ / $u' = 0.2002$ $v' = 0.4687$ ($duv=1.45e-03$)

CCT= 6329K Prcp WL: $L_d=488.3nm$ Purity=6.2%

Peak WL: $L_p=451nm$ FWHM: $=20.7nm$ Ratio:R=16.2% G=76.5% B=7.3%

Render Index: $R_a = 97.1$ AvgR = 95.3 TM30:Rf=94 Rg=101

R1 =96 R2 =97 R3 =99 R4 =98 R5 =97 R6 =96 R7 =97

R8 =97 R9 =93 R10=94 R11=96 R12=79 R13=97 R14=99 R15=95

LEVEL:OUT WHITE:ANSI_6500K

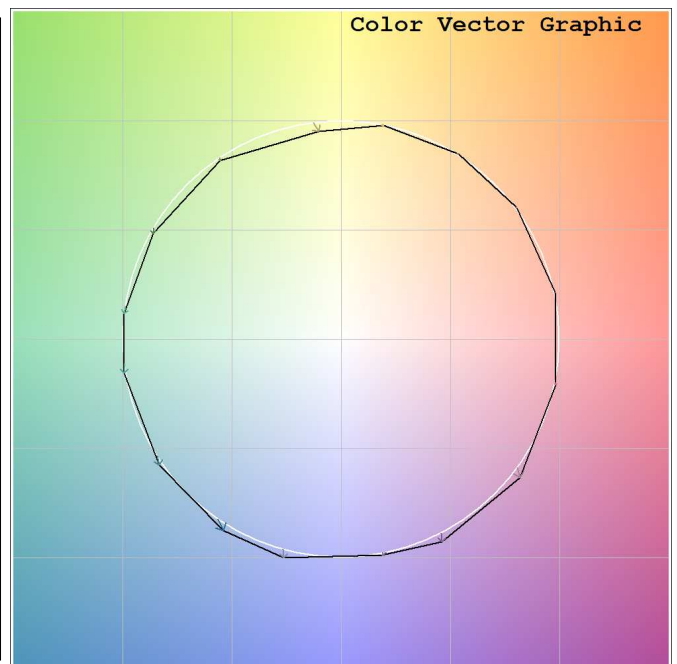
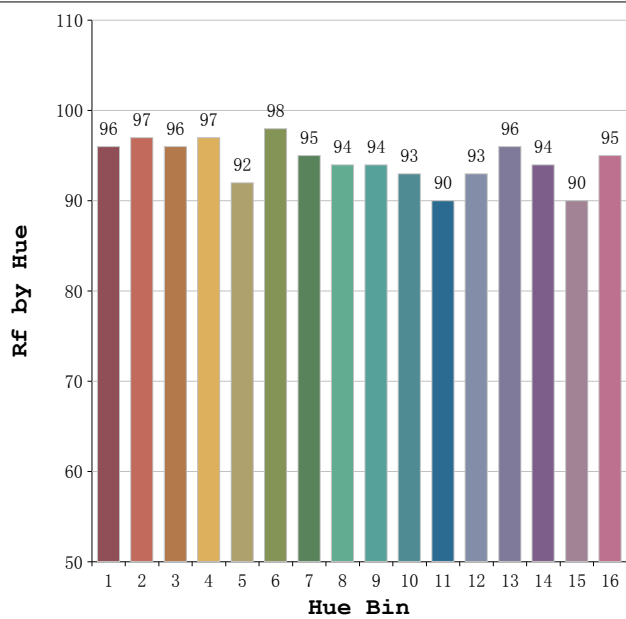
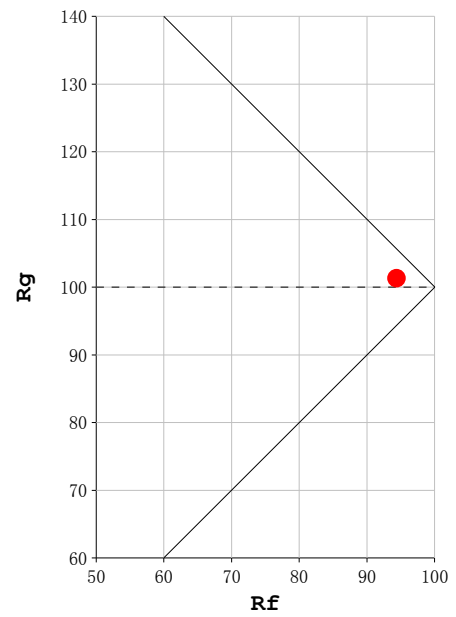
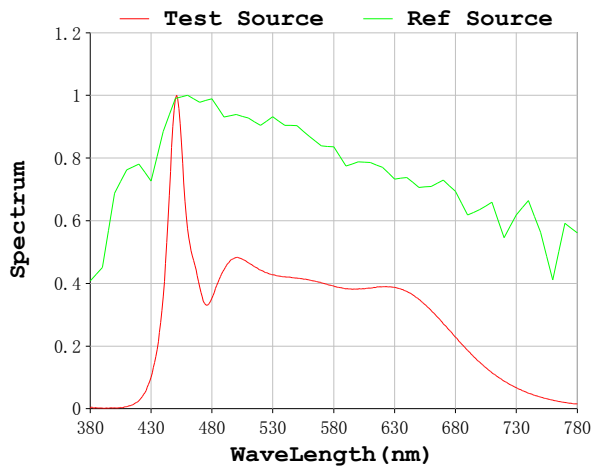
Photometric & Radiometric Parameters

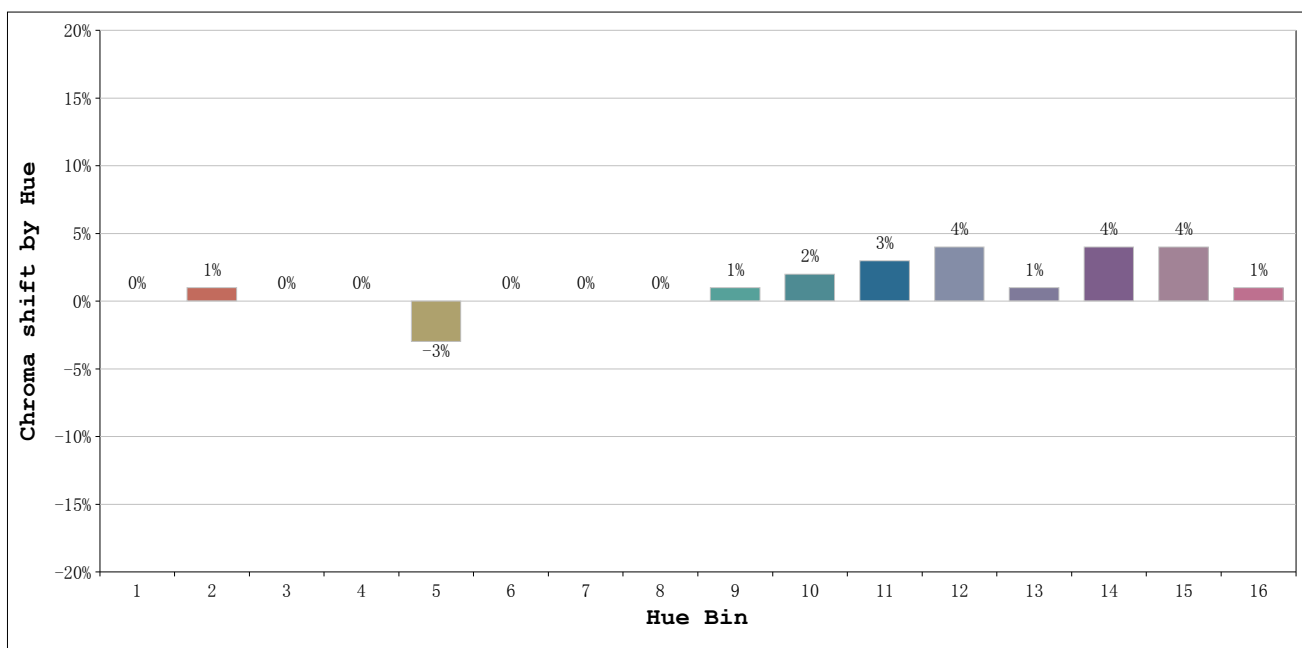
Flux = 904.92 lm Eff. : 97.89 lm/W Fe = 3.4123 W

Electrical parameters

V = 24.00 V I = 0.3852 A P = 9.244 W PF = 1.000 F=0.00 Hz

Rf: 94 CCT: 6329 K u' : 0.2002
Rg: 101 Duv: 0.0014 v' : 0.4687





			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	96	0	0
2	22.5° - 45.0°	97	1	0
3	45.0° - 67.5°	96	0	0
4	67.5° - 90.0°	97	0	0
5	90.0° - 112.5°	92	-3	-1
6	112.5° - 135.0°	98	0	1
7	135.0° - 157.5°	95	0	2
8	157.5° - 180.0°	94	0	3
9	180.0° - 202.5°	94	1	4
10	202.5° - 225.0°	93	2	4
11	225.0° - 247.5°	90	3	5
12	247.5° - 270.0°	93	4	1
13	270.0° - 292.5°	96	1	-1
14	292.5° - 315.0°	94	4	-1
15	315.0° - 337.5°	90	4	-2
16	337.5° - 360.0°	95	1	0