

Spectrum Test Report

Sample :
 Specification : CH025
 Sample No. : Massive Production 31
 Manufacturer :
 Assessor : damin
 Remark :

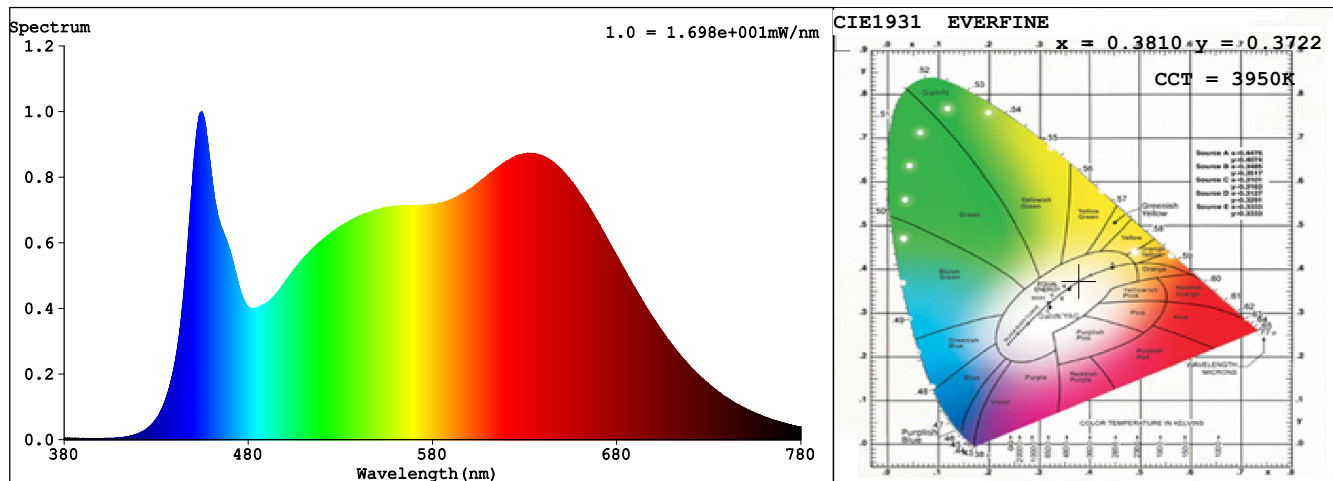
Date : 2020-06-22 21:11:39
 Standardtus :
 Instrument : HaasSuite(EVERFINE)
 Test by : IVAN

Test Condition

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

RH : 65.0%
 IP : 51336 (78%)
 T : 190 ms

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3810$ $y = 0.3722$ / $u' = 0.2273$ $v' = 0.4996$ ($duv = -2.33e-03$)

CCT= 3950K Prpc WL: $L_d = 580.6\text{nm}$ Purity=26.0%

Peak WL: $L_p = 455\text{nm}$ FWHM: $= 27.8\text{nm}$ Ratio: R=20.9% G=74.5% B=4.7%

Render Index: $R_a = 97.2$ AvgR = 95.8 TM30: $R_f = 92$ $R_g = 101$

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

R8 = 97 R9 = 97 R10 = 99 R11 = 98 R12 = 74 R13 = 98 R14 = 98 R15 = 96

LEVEL:OUT WHITE:ANSI_4000K

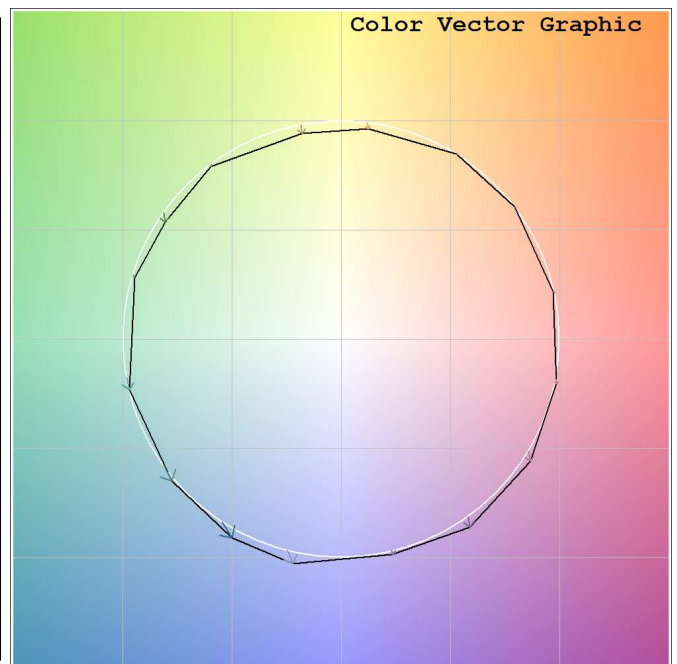
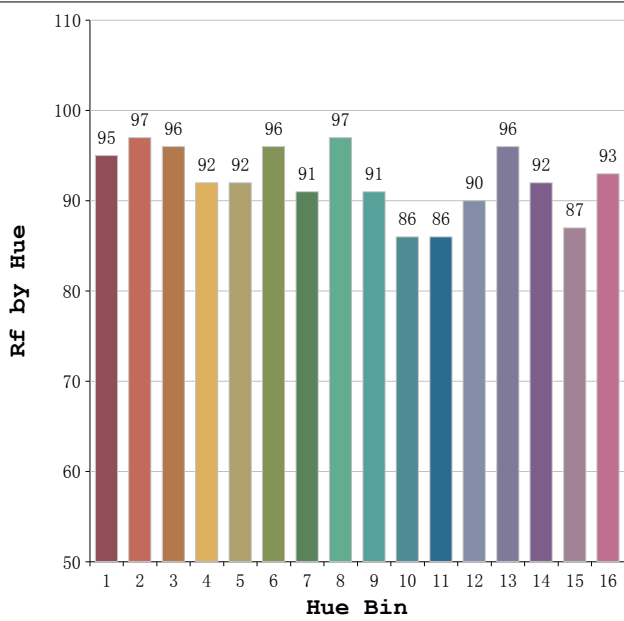
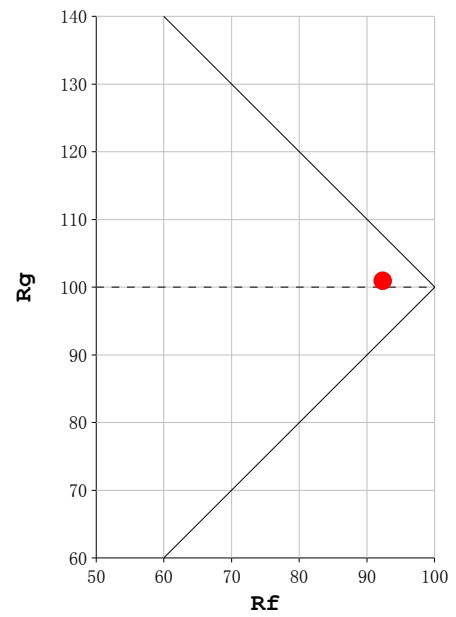
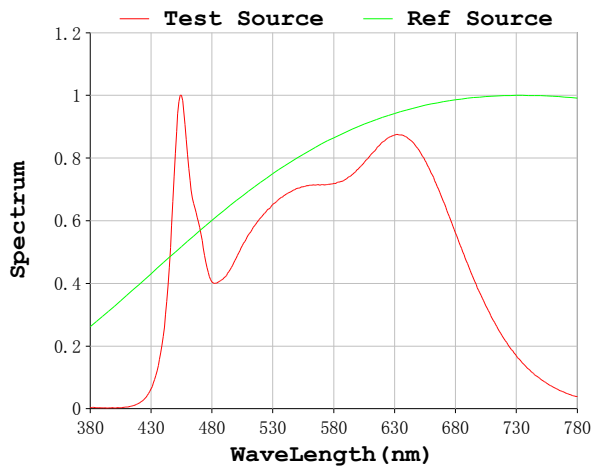
Photometric & Radiometric Parameters

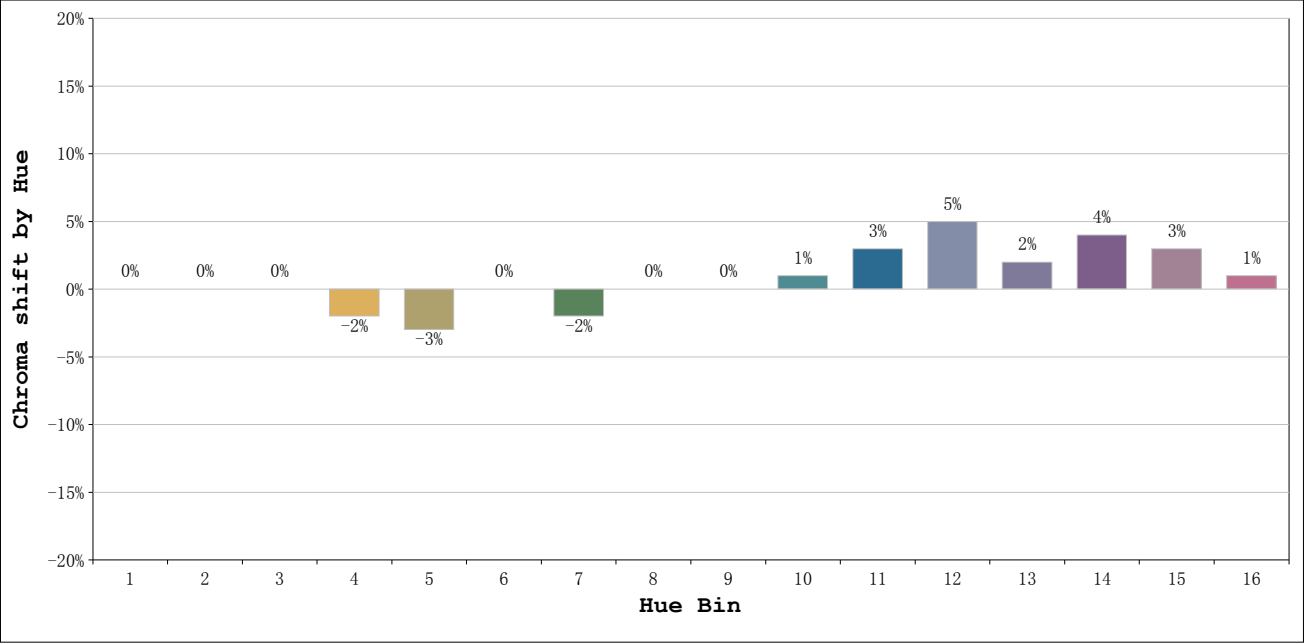
Flux = 854.79 lm Eff. : 89.85 lm/W $F_e = 3.1744\text{ W}$

Electrical parameters

V = 24.00 V I = 0.3964 A P = 9.513 W PF = 1.000 F=0.00 Hz

Rf: 92 CCT: 3950 K u' : 0.2273
Rg: 101 Duv: -0.0023 v' : 0.4996





			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0. 0° - 22. 5°	95	0	1
2	22. 5° - 45. 0°	97	0	0
3	45. 0° - 67. 5°	96	0	1
4	67. 5° - 90. 0°	92	-2	0
5	90. 0° - 112. 5°	92	-3	0
6	112. 5° - 135. 0°	96	0	1
7	135. 0° - 157. 5°	91	-2	3
8	157. 5° - 180. 0°	97	0	1
9	180. 0° - 202. 5°	91	0	6
10	202. 5° - 225. 0°	86	1	8
11	225. 0° - 247. 5°	86	3	8
12	247. 5° - 270. 0°	90	5	4
13	270. 0° - 292. 5°	96	2	-1
14	292. 5° - 315. 0°	92	4	-1
15	315. 0° - 337. 5°	87	3	-2
16	337. 5° - 360. 0°	93	1	-1