

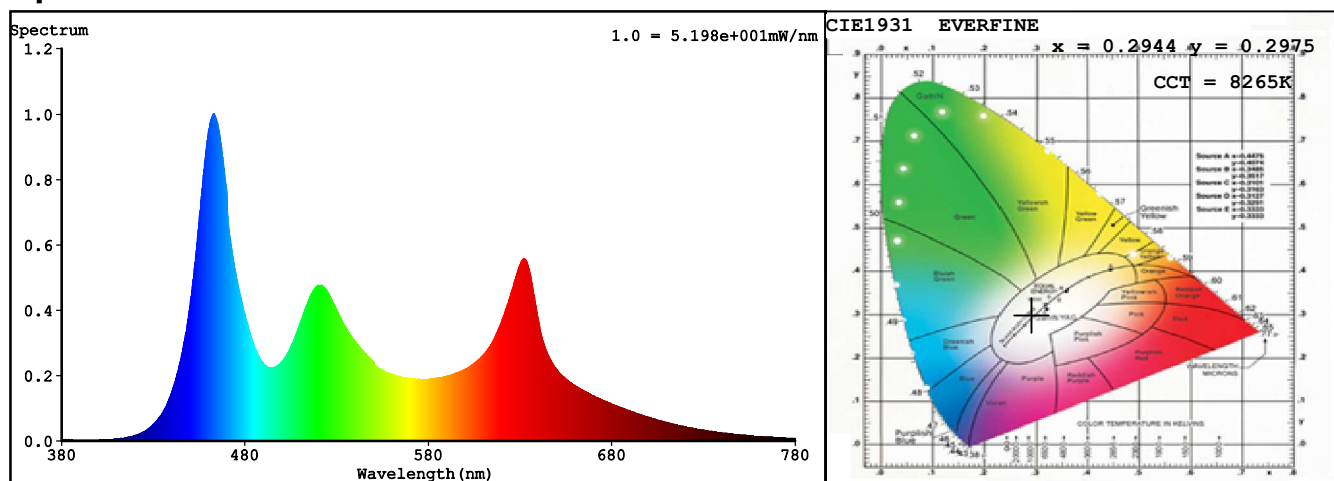
Spectrum Test Report

| | | | |
|---------------|---------------------------------|-------------|-----------------------|
| Sample | : DA6962412NO | Date | : 2018-11-30 |
| Specification | : DA6962412NO-0RGSWWNDA012WC050 | Sam. Status | : 1M |
| Sample No. | : 1 | Standard | : |
| Manufacturer | : COLORS | Instrument | : HaasSuite(EVERFINE) |
| Remark | : | Test by | : HJ |

Test Condition

| | | | |
|-------------|-----------------|----|---------------|
| Temperature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 49855 (76%) |
| Test Mode | : Accuracy Test | T | : 86 ms |
| Sensitivity | : High | | |

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2944$ $y = 0.2975$ / $u' = 0.1969$ $v' = 0.4477$ ($duv = -3.47e-03$)

CCT= 8265K Prcp WL: $L_d = 478.4nm$ Purity=16.5%

Peak WL: $L_p = 463nm$ FWHM: =23.5nm Ratio:R=19.4% G=71.6% B=9.0%

Render Index: $R_a = 72.7$ TM30:Rf=74 Rg=108

R1 =62 R2 =77 R3 =92 R4 =72 R5 =71 R6 =75 R7 =79

R8 =52 R9 =0 R10=53 R11=67 R12=66 R13=64 R14=93 R15=54

LEVEL:OUT WHITE:OUT

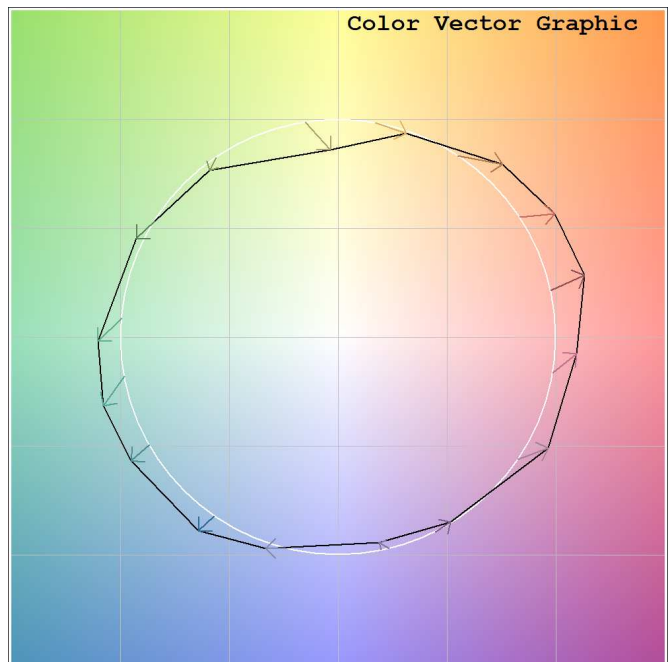
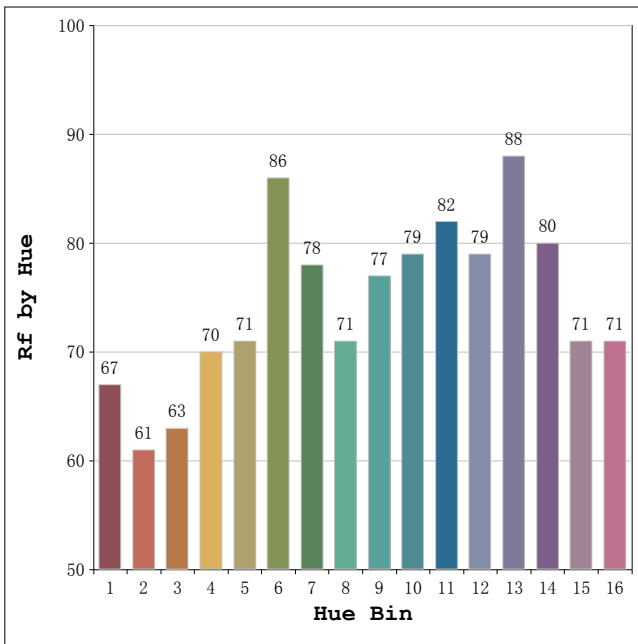
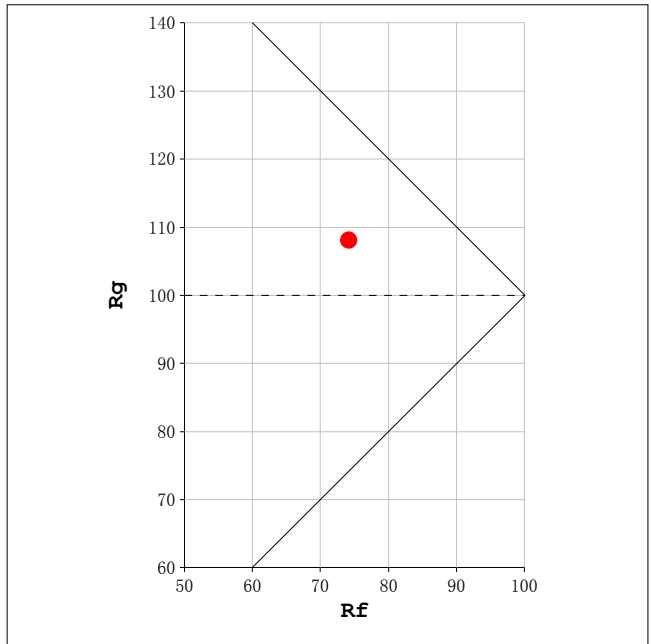
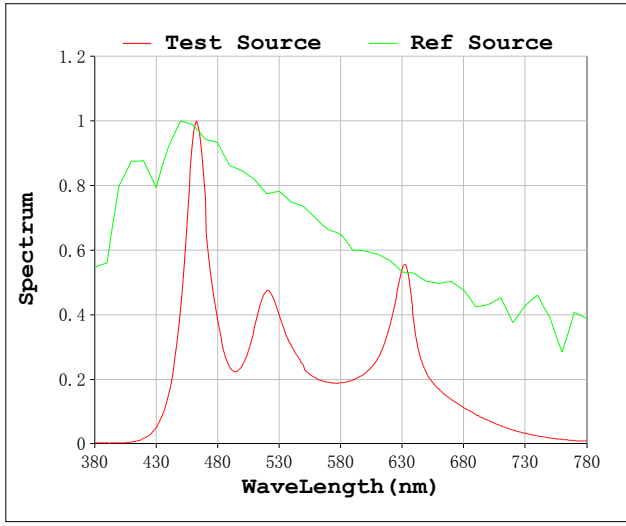
Photometric & Radiometric Parameters

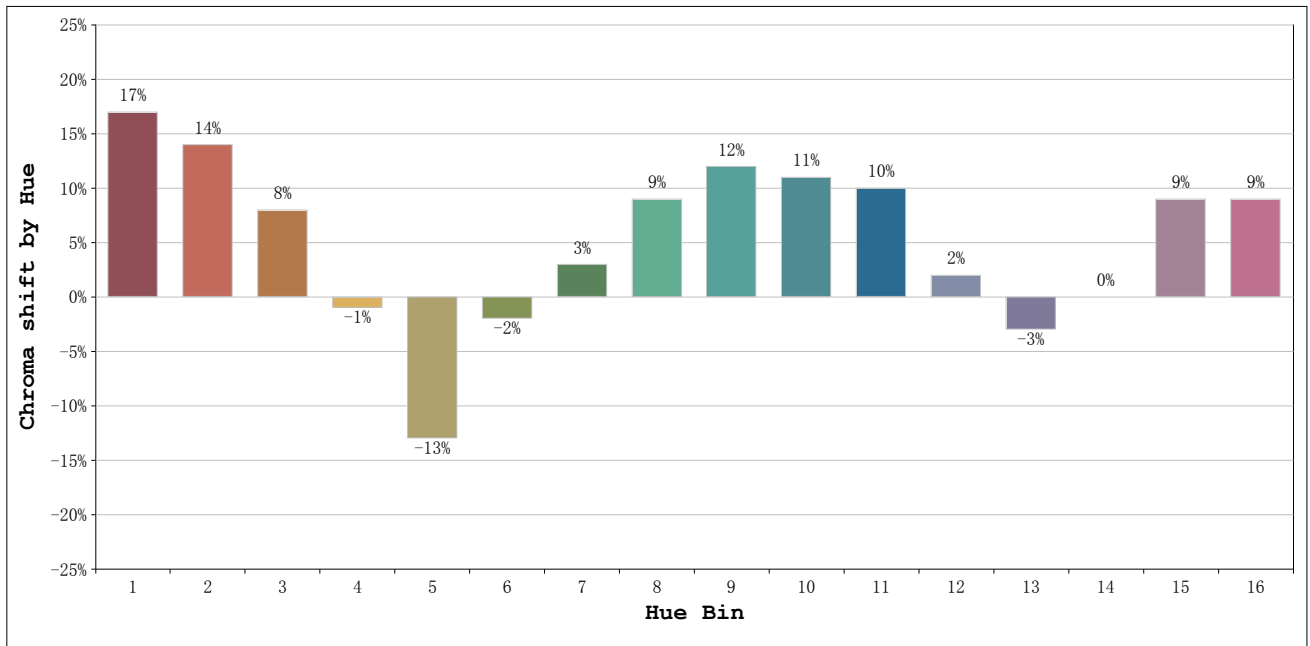
Flux = 1090.6 lm Eff. : 55.35 lm/W $F_e = 4.4223 W$

Electrical parameters

V = 24.00 V I = 0.8210 A P = 19.70 W PF = 1.000 F=0.00 Hz

Rf: 74 CCT: 8265 K u': 0.1969
 Rg: 108 Duv: -0.0035 v': 0.4477





| Hue Bin | Hue Angle | Rf | Graphic shift(%) | |
|---------|-----------------|----|------------------|-----|
| | | | Chroma | Hue |
| 1 | 0.0° - 22.5° | 67 | 17 | 4 |
| 2 | 22.5° - 45.0° | 61 | 14 | -7 |
| 3 | 45.0° - 67.5° | 63 | 8 | -18 |
| 4 | 67.5° - 90.0° | 70 | -1 | -14 |
| 5 | 90.0° - 112.5° | 71 | -13 | -8 |
| 6 | 112.5° - 135.0° | 86 | -2 | 6 |
| 7 | 135.0° - 157.5° | 78 | 3 | 11 |
| 8 | 157.5° - 180.0° | 71 | 9 | 13 |
| 9 | 180.0° - 202.5° | 77 | 12 | 11 |
| 10 | 202.5° - 225.0° | 79 | 11 | 1 |
| 11 | 225.0° - 247.5° | 82 | 10 | -2 |
| 12 | 247.5° - 270.0° | 79 | 2 | -8 |
| 13 | 270.0° - 292.5° | 88 | -3 | -3 |
| 14 | 292.5° - 315.0° | 80 | 0 | 8 |
| 15 | 315.0° - 337.5° | 71 | 9 | 12 |
| 16 | 337.5° - 360.0° | 71 | 9 | 11 |