

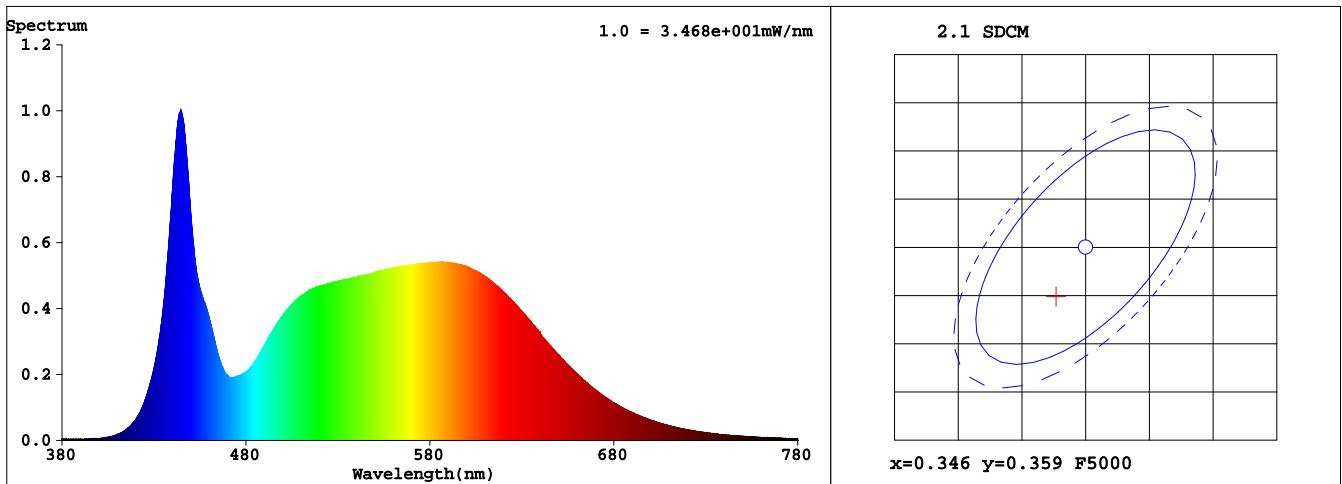
Spectrum Test Report

| | | | | |
|---------------|---|------------|---|---------------------|
| Sample | : | Date | : | 2008-01-04 00:03:30 |
| Specification | : | Standard | : | Standard |
| Sample No. | : | Instrument | : | HaasSuite(EVERFINE) |
| Manufacturer | : | Test by | : | DAMIN |
| Assessor | : | | | |
| Remark | : | | | |

Test Condition

| | | | | | |
|-------------|---|---------------|----|---|-------------|
| Temperature | : | 25.3Deg | RH | : | 65.0% |
| WL Range | : | 380nm-780nm | IP | : | 47173 (72%) |
| Test Mode | : | Accuracy Test | T | : | 944 ms |
| Sensitivity | : | Low | | | |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3437$ $y = 0.3539$ / $u' = 0.2096$ $v' = 0.4856$ ($duv=1.71e-03$) $Du, Dv: -0.0012, 0.0012$

CCT= 5062K Prcp WL: $L_d=570.1nm$ Purity=9.3%

Peak WL: $L_p=445nm$ FWHM: $=17.0nm$ Ratio: R=15.8% G=79.8% B=4.4%

Render Index: $R_a = 83.5$

R1 =82 R2 =87 R3 =91 R4 =85 R5 =84 R6 =83 R7 =86

R8 =70 R9 =12 R10=69 R11=87 R12=70 R13=83 R14=95 R15=77

Photometric & Radiometric Parameters

Flux = 1209.7 lm Eff. : 126.16 lm/W $F_e = 3.7987 W$

Electrical parameters

$V = 230.31 V$ $I = 0.04513 A$ $P = 9.588 W$ PF = 0.9225 F=49.99 Hz