

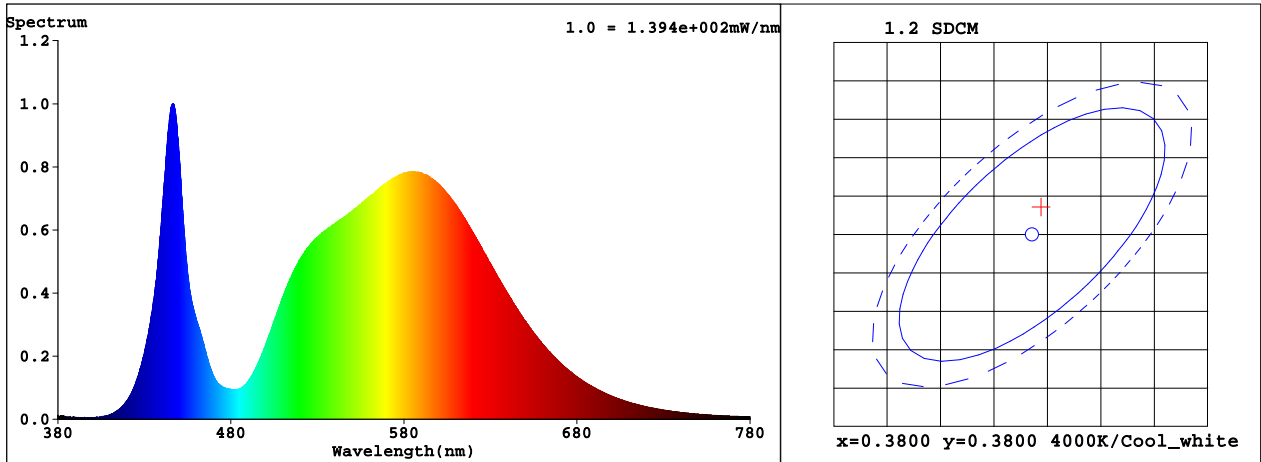
Spectrum Test Report

| | | | |
|---------------|-----------------|-------------|-----------------------|
| Sample | : | Date | : 2024-06-05 |
| Specification | : SA40-A44NN-HE | Sam. Status | : |
| Sample No. | : 4000K | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : | Test by | : |
| | | Assessor | : damin |

Test Condition

| | | | |
|-------------|---------------|-------------|---------------|
| Temperature | : 25.5Deg | RH | : 60.3% |
| WL Range | : 380nm-780nm | IP | : 52519 (80%) |
| Test Mode | : Fast Test | T | : 322 ms |
| | | Sensitivity | : Low |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3807$ $y = 0.3828$ / $u' = 0.2229$ $v' = 0.5043$ ($duv=2.75e-03$)

CCT= 4035K Prcp WL: Ld=577.5nm Purity=29.1%

Peak WL: Lp=447nm FWHM: =16.5nm Ratio:R=16.6% G=81.2% B=2.3%

Render Index: Ra = 72.0

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =69 | R2 =78 | R3 =85 | R4 =72 | R5 =69 | R6 =69 | R7 =81 | |
| R8 =53 | R9 =0 | R10=48 | R11=69 | R12=43 | R13=70 | R14=92 | R15=62 |

Photometric & Radiometric Parameters

Flux = 6158.8 lm Eff. : 156.76 lm/W Fe = 17.529 W

Flux of emitted photons(umol/s):81.851 Flu. and blue light ratio:3.918 Fluorescent eff.:350.9

Electrical parameters

V = 230.6 V I = 0.1726 A P = 39.29 W PF = 0.9870