

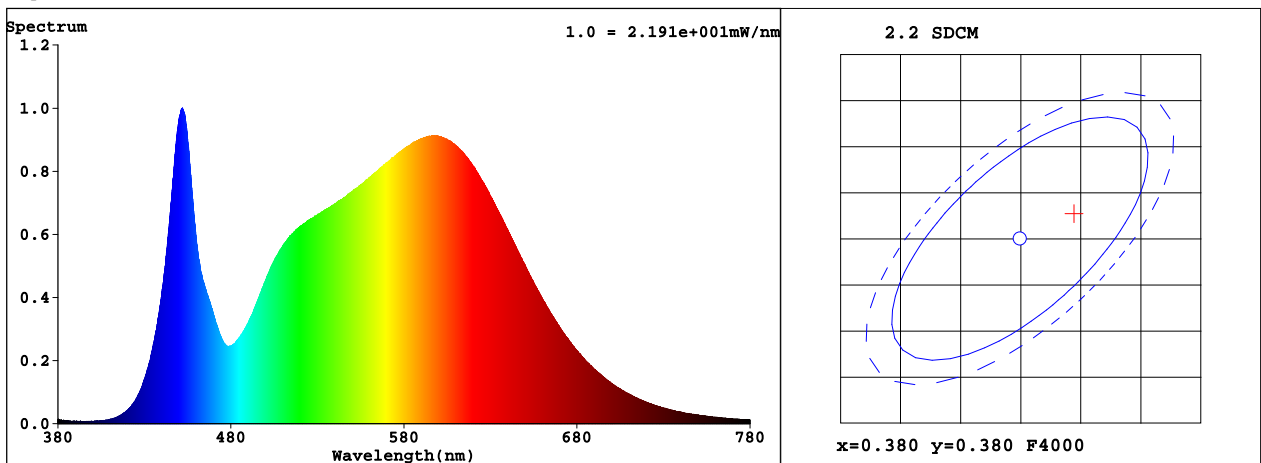
Spectrum Test Report

| | | | | | |
|---------------|---|----------------------------------|-------------|---|---------------------|
| Sample | : | | Date | : | 2020-11-14 17:37:51 |
| Specification | : | DG-TG05B-100W | Standardtus | : | |
| Sample No. | : | 33 | Instrument | : | HaasSuite(EVERFINE) |
| Manufacturer | : | GUANGDONG DG LIGHTING ELECTRICAL | Test by | : | IANCE CC: DAMIN |
| Assessor | : | damin | | : | |
| Remark | : | --- | | : | |

Test Condition

| | | | | | |
|-------------|---|-------------|----|---|-------------|
| Temperature | : | 25.3Deg | RH | : | 65.0% |
| WL Range | : | 380nm-780nm | IP | : | 50459 (77%) |
| Test Mode | : | Fast Test | T | : | 588 ms |
| Sensitivity | : | Low | | : | |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3845$ $y = 0.3827$ / $u' = 0.2254$ $v' = 0.5048$ ($duv=1.61e-03$)

CCT= 3936K Prcp WL: Ld=578.5nm Purity=30.3%

Peak WL: Lp=452nm FWHM: =20.1nm Ratio:R=18.7% G=77.8% B=3.5%

Render Index: Ra = 84.4

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =83 | R2 =90 | R3 =95 | R4 =84 | R5 =83 | R6 =86 | R7 =88 | |
| R8 =67 | R9 =16 | R10=76 | R11=83 | R12=63 | R13=85 | R14=97 | R15=77 |

Photometric & Radiometric Parameters

Flux = 1163.0 lm Eff. : 105.11 lm/W Fe = 3.5437 W

Flux of emitted photons($\mu\text{mol/s}$):16.714 Flu. and blue light ratio:5.239 Fluorescent eff.:258.6

Electrical parameters

V = 221.11 V I = 0.05206 A P = 11.06 W PF = 0.9592 F=50.00 Hz