

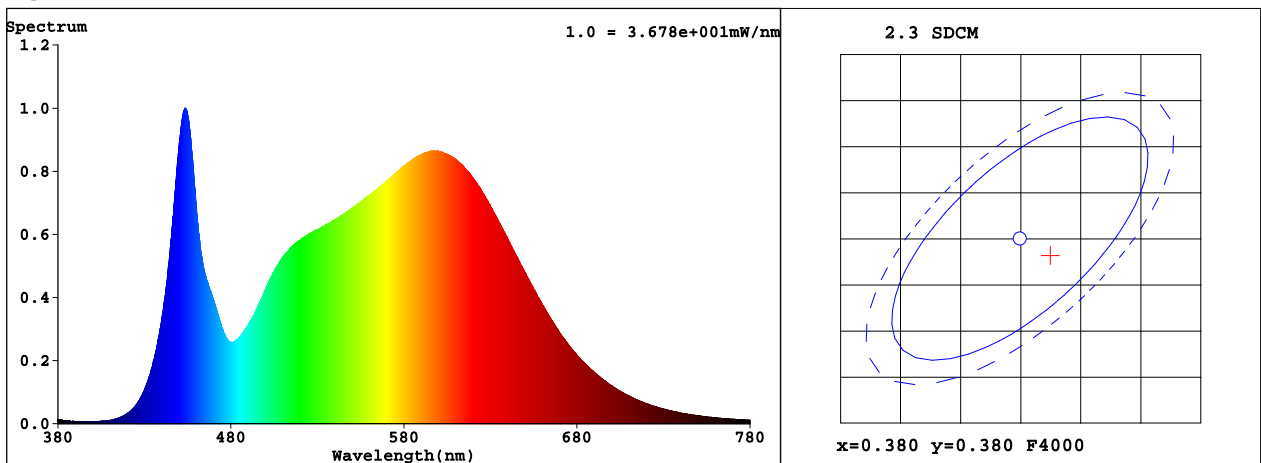
## Spectrum Test Report

Sample	:		Date	:	2020-11-14 17:43:28
Specification	:	DG-TG05B-100W	Standardtus	:	
Sample No.	:	36	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	:	52451 (80%)
Test Mode	:	Fast Test	T	:	386 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3825$   $y = 0.3782$  /  $u' = 0.2259$   $v' = 0.5025$  ( $duv=5.78e-05$ )

CCT= 3955K Prcp WL: Ld=579.2nm Purity=28.3%

Peak WL: Lp=454nm FWHM: =20.1nm Ratio:R=18.9% G=77.3% B=3.7%

Render Index: Ra = 85.7

R1 =85	R2 =92	R3 =96	R4 =85	R5 =85	R6 =88	R7 =87
R8 =69	R9 =21	R10=80	R11=84	R12=64	R13=87	R14=98
						R15=79

### Photometric & Radiometric Parameters

Flux = 1834.5 lm Eff. : 101.52 lm/W Fe = 5.6483 W

Flux of emitted photons( $\mu\text{mol/s}$ ):26.621 Flu. and blue light ratio:4.885 Fluorescent eff.:249.0

### Electrical parameters

V = 220.83 V I = 0.08528 A P = 18.07 W PF = 0.9586 F=50.00 Hz