

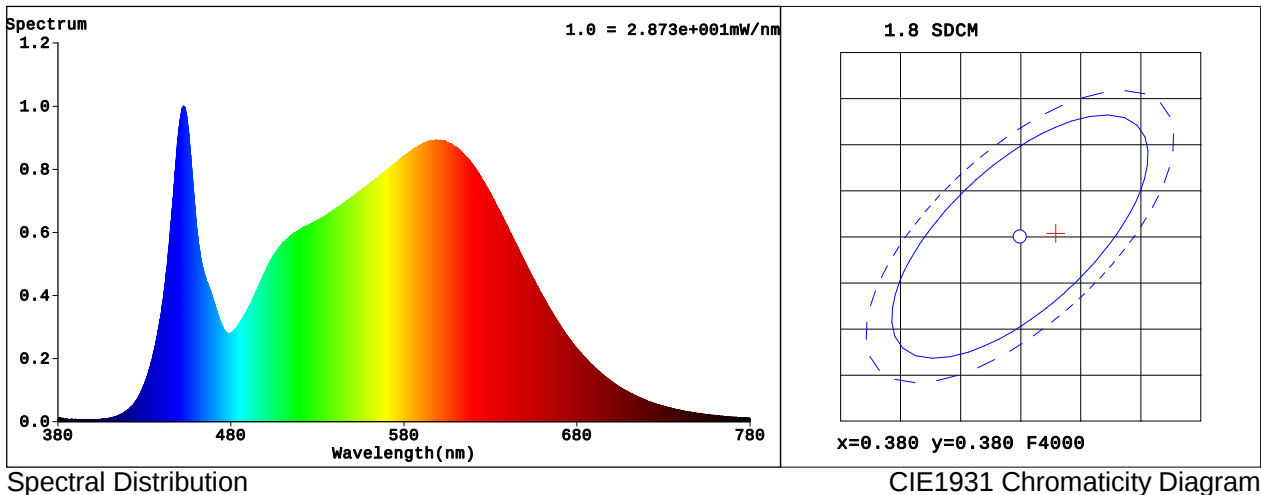
Spectrum Test Report

Sample	:		Date	:	2020-11-14 17:41:41
Specification	:	DG-TG05B-100W	Standard	:	
Sample No.	:	35	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	:	52376 (80%)
Test Mode	:	Fast Test	T	:	478 ms
Sensitivity	:	Low			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3830$ $y = 0.3804$ / $u' = 0.2253$ $v' = 0.5035$ ($duv=9.47e-04$)

CCT= 3959K Prcp WL: Ld=578.7nm Purity=29.1%

Peak WL: Lp=453nm FWHM: =20.1nm Ratio:R=18.9% G=77.2% B=3.8%

Render Index: Ra = 86.4

R1 =85	R2 =92	R3 =97	R4 =86	R5 =85	R6 =89	R7 =88
R8 =70	R9 =23	R10=81	R11=86	R12=67	R13=87	R14=98
						R15=79

Photometric & Radiometric Parameters

Flux = 1492.5 lm Eff. : 102.34 lm/W Fe = 4.6058 W

Flux of emitted photons($\mu\text{mol/s}$):21.719 Fluo. and blue light ratio:5.203 Fluorescent eff.:250.5

Electrical parameters

V = 221.03 V I = 0.06978 A P = 14.58 W PF = 0.9440 F=49.99 Hz