

Lightsource Test Report

Product Infomation

Product Type: G25

Product Number: 2

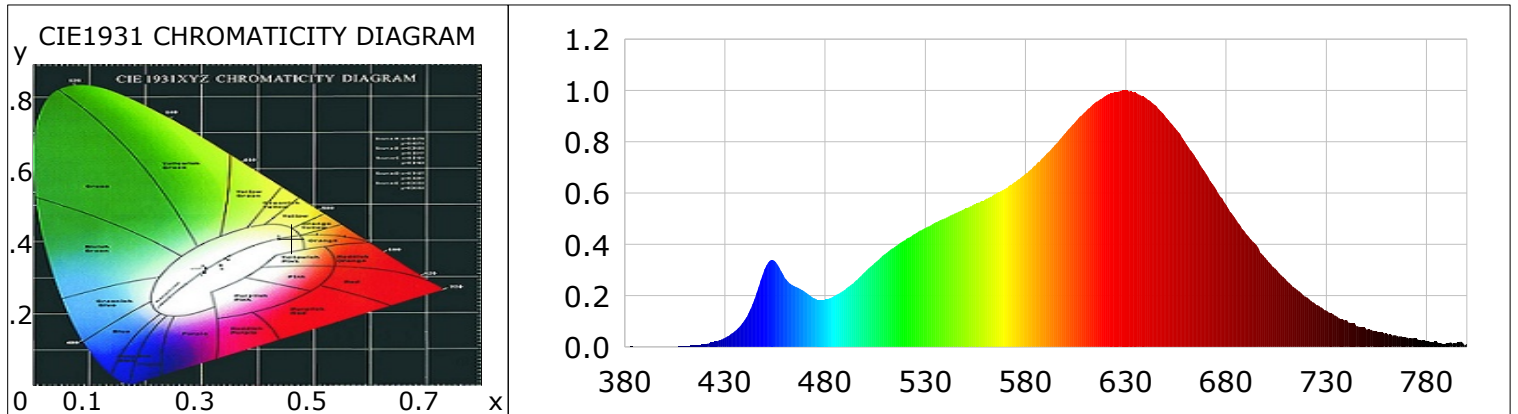
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4616$ $y=0.4111$ $u(u')=0.2634$ $v=0.3519$ $v'=0.5278$
 CCT: $T_c=2680K$ ($duv=0.00005$) Color Ratio: $R=0.271$ $G=0.704$ $B=0.025$
 Peak Wavelength: 628.2nm Half Bandwidth: 145.8nm
 Dominant Wavelength: 584.3nm Color Purity: 0.620
 CRI: $R_a=96.0$ TM30: $R_f=94$, $R_g=99$

R1 =97	R2 =99	R3 =98	R4 =98	R5 =97	R6 =98	R7 =94	R8 =88
R9 =73	R10=95	R11=99	R12=87	R13=98	R14=98	R15=93	

Color Quality Scale: $Q_a=93.4$, $Q_f=95.5$, $Q_p=96.1$, $Q_g=96.4$

Q1 =91	Q2 =95	Q3 =92	Q4 =92	Q5 =94	Q6 =95	Q7 =94	Q8 =95
Q9 =97	Q10=96	Q11=96	Q12=96	Q13=95	Q14=91	Q15=91	



Photometric Parameters

Luminous Flux: 785.49 lm	Efficiency: 113.67 lm/W	Radiant Power: 2.842 W
EEI: 0.11	Energy Efficiency Class: A++ (EU 874-2012)	
PAR: 2.659 W	PPF: 13.199 umol/s	R/B: 5.2
Photons1: 1.062 umol/s(400~500nm) Photons2: 7.538 umol/s(600~700nm)		

Electric Parameters

Voltage: 120.10V	Current: 0.0730A	Power: 6.91W
Power Factor: 0.7880	Frequency: 60.00Hz	

Test Infomation

Scan Range: 380~800:1nm	Photometric Method: sphere-photometer (spec_rev)
Stabilization Time: 0 Min	Photometric Condition: Sphere diameter: 1.00m, 4π
Max of Signal: 45612 (2744)	CCD Integration Time: 288.05 ms