杭州创惠仪器有限公司
www.inventfine.cn
Tel: 86-15813129368

Lightsource Test Report

Product Infomation

Product Type: 1 Product Number: 277

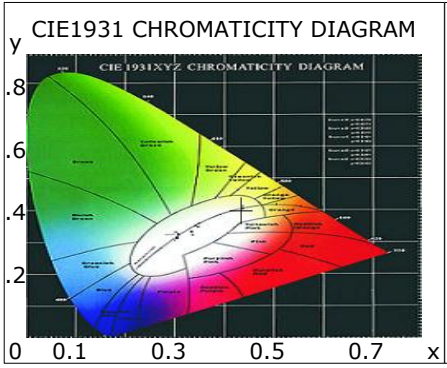
CIE Colorimetric Parameters

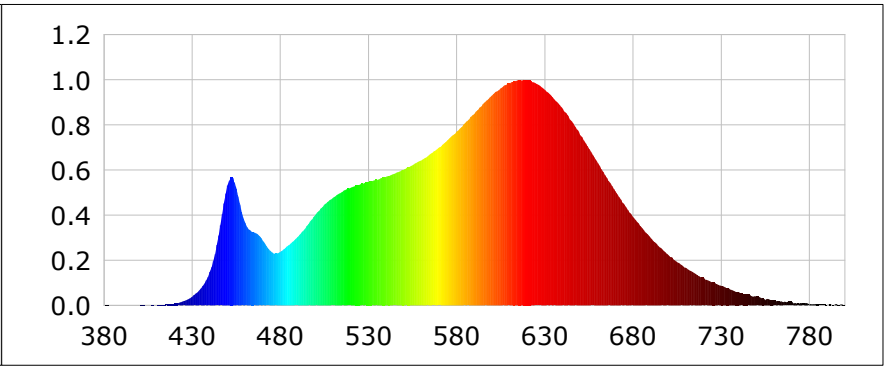
Chromaticity coordinates: x=0.4352 y=0.4040 u(u')=0.2495 v=0.3474 v'=0.5211
CCT: Tc=3029K (duv=0.00020) Color Ratio: R=0.244 G=0.726 B=0.031
Peak Wavelength: 618.4nm Half Bandwidth: 156.2nm
Dominant Wavelength: 582.6nm Color Purity: 0.519
Central Wave: 592.4nm Gravity Wave: 600.9nm
CRI: Ra= 93.3 TM30: Rf= 92, Rg= 98
GAI: GAI_BB_8=96.6, GAI_BB_15=102.9, GAI_EES=56.2

R1 =94	R2 =98	R3 =98	R4 =95	R5 =95	R6 =97	R7 =90	R8 =80
R9 =55	R10=95	R11=97	R12=83	R13=96	R14=100	R15=88	TLCI=89

Color Quality Scale: Qa= 91.9, Qf= 93.4, Qp= 93.0, Qg= 95.1

Q1 =87	Q2 =95	Q3 =92	Q4 =91	Q5 =94	Q6 =95	Q7 =95	Q8 =94
Q9 =97	Q10=97	Q11=96	Q12=95	Q13=93	Q14=86	Q15=87	





Photometric Parameters

Luminous Flux: 2008.3 lm Efficiency: 104.33 lm/W Radiant Power: 6.600 W
Total mains efficacy: 104.33 lm/W Energy Efficiency Class: F (EU 2019/2015)
Melanin Flux: 1.373 W M/R: 0.5688 MDER: 0.5176

Electric Parameters

Voltage: 229.50V Current: 0.0960A Power: 19.25W
Power Factor: 0.8730 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms ALC.: 1.0000
Max of Signal: 44761 (2794)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 322.83 ms

Condition: Tx:26.7'C, Ti:24.6'C, R.H.:60% Test Device: CMS-2S (Plus)
Test Lab: Test Time: 2025-12-10 13:09:50
Operator: Auditor: