杭州创惠仪器有限公司
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Lightsource Test Report

Product Infomation

Product Type: 1 Product Number: 278

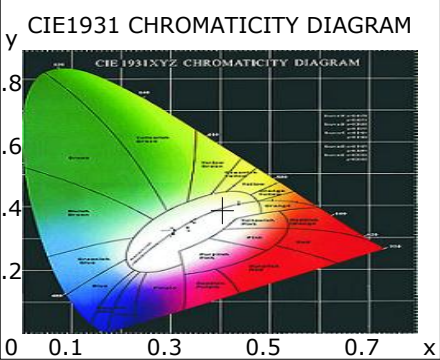
CIE Colorimetric Parameters

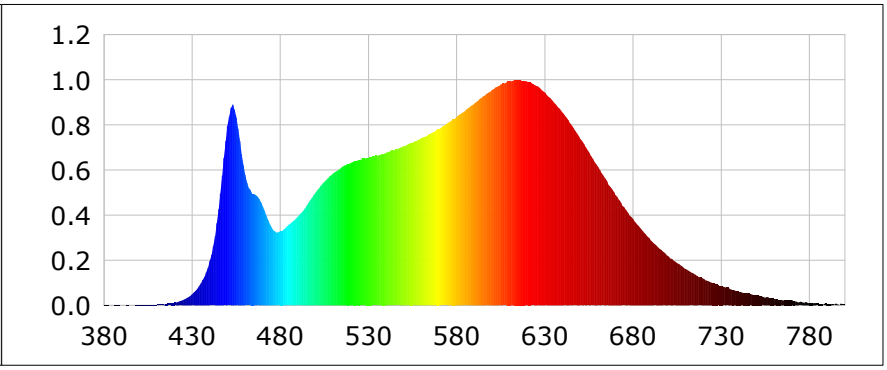
Chromaticity coordinates: x=0.4053 y=0.3908 u(u')=0.2357 v=0.3409 v'=0.5113
CCT: Tc=3500K (duv=0.00003) Color Ratio: R=0.219 G=0.743 B=0.038
Peak Wavelength: 614.0nm Half Bandwidth: 169.4nm
Dominant Wavelength: 580.9nm Color Purity: 0.390
Central Wave: 584.6nm Gravity Wave: 594.4nm
CRI: Ra= 93.5 TM30: Rf= 91, Rg= 97
GAI: GAI_BB_8=96.8, GAI_BB_15=103.1, GAI_EES=67.3

R1 =94	R2 =98	R3 =99	R4 =94	R5 =94	R6 =96	R7 =91	R8 =82
R9 =59	R10=95	R11=96	R12=77	R13=96	R14=100	R15=90	TLCI=90

Color Quality Scale: Qa= 92.9, Qf= 92.8, Qp= 92.6, Qg= 96.7

Q1 =89	Q2 =97	Q3 =91	Q4 =90	Q5 =92	Q6 =95	Q7 =96	Q8 =96
Q9 =99	Q10=98	Q11=97	Q12=96	Q13=95	Q14=89	Q15=89	





Photometric Parameters

Luminous Flux: 2139.3 lm Efficiency: 116.01 lm/W Radiant Power: 7.007 W
Total mains efficacy: 116.01 lm/W Energy Efficiency Class: E (EU 2019/2015)
Melanin Flux: 1.718 W M/R: 0.6682 MDER: 0.6081

Electric Parameters

Voltage: 229.50V Current: 0.0930A Power: 18.44W
Power Factor: 0.8650 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms ALC.: 1.0000
Max of Signal: 52255 (2844)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 380.73 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 13:10:10
Operator: Auditor: