杭州创惠仪器有限公司
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Lightsource Test Report

Product Infomation

Product Type: 1 Product Number: 272

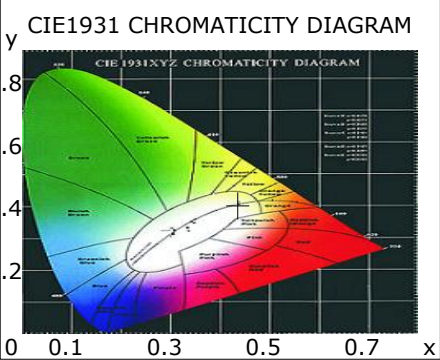
CIE Colorimetric Parameters

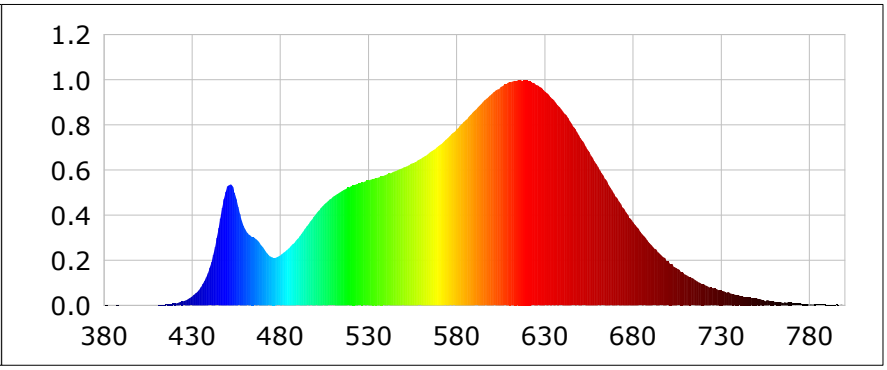
Chromaticity coordinates: x=0.4364 y=0.4070 u(u')=0.2490 v=0.3483 v'=0.5225
CCT: Tc=3033K (duv=0.00125) Color Ratio: R=0.241 G=0.729 B=0.029
Peak Wavelength: 615.7nm Half Bandwidth: 155.3nm
Dominant Wavelength: 582.2nm Color Purity: 0.532
Central Wave: 591.2nm Gravity Wave: 599.4nm
CRI: Ra= 92.6 TM30: Rf= 91, Rg= 98
GAI: GAI_BB_8=93.5, GAI_BB_15=99.8, GAI_EES=54.5

R1 =93	R2 =97	R3 =99	R4 =94	R5 =93	R6 =97	R7 =90	R8 =78
R9 =50	R10=92	R11=96	R12=82	R13=94	R14=100	R15=87	TLCI=87

Color Quality Scale: Qa= 91.4, Qf= 93.0, Qp= 92.1, Qg= 94.3

Q1 =87	Q2 =95	Q3 =91	Q4 =91	Q5 =93	Q6 =94	Q7 =94	Q8 =95
Q9 =97	Q10=96	Q11=95	Q12=94	Q13=93	Q14=85	Q15=86	





Photometric Parameters

Luminous Flux: 3259.0 lm Efficiency: 91.19 lm/W Radiant Power: 10.472 W
Total mains efficacy: 91.19 lm/W Energy Efficiency Class: F (EU 2019/2015)
Melanin Flux: 2.180 W M/R: 0.5565 MDER: 0.5065

Electric Parameters

Voltage: 229.40V Current: 0.1650A Power: 35.74W
Power Factor: 0.9470 Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms ALC.: 1.0000
Max of Signal: 45249 (2735)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 200.91 ms

Condition: Tx:26.7'C, Ti:24.5'C, R.H.:60% Test Device: CMS-2S (Plus)
Test Lab: Test Time: 2025-12-10 13:07:59
Operator: Auditor: