杭州创惠仪器有限公司
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Lightsource Test Report

Product Infomation

Product Type: 1 Product Number: 276

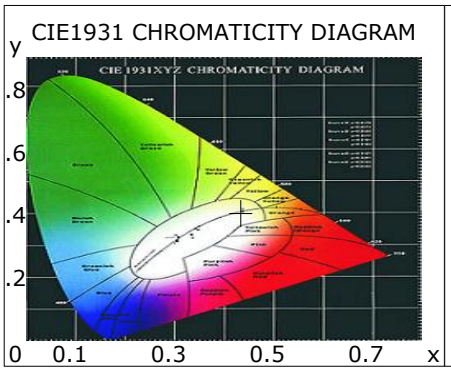
CIE Colorimetric Parameters

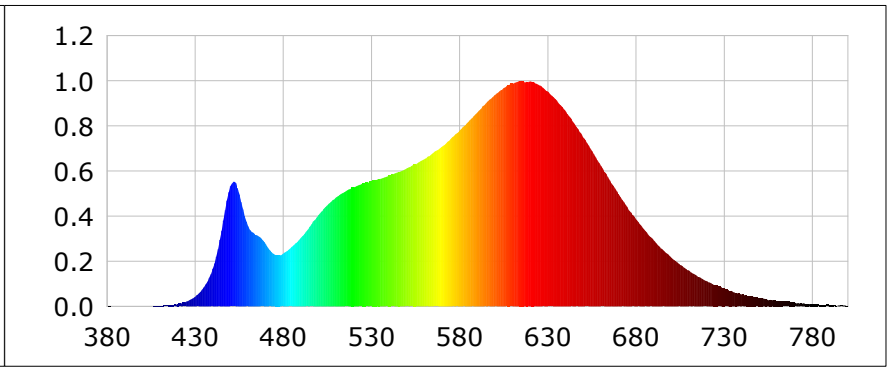
Chromaticity coordinates: x=0.4346 y=0.4050 u(u')=0.2487 v=0.3476 v'=0.5214
CCT: Tc=3047K (duv=0.00068) Color Ratio: R=0.241 G=0.729 B=0.030
Peak Wavelength: 615.3nm Half Bandwidth: 156.9nm
Dominant Wavelength: 582.4nm Color Purity: 0.520
Central Wave: 591.5nm Gravity Wave: 599.3nm
CRI: Ra= 92.9 TM30: Rf= 92, Rg= 98
GAI: GAI_BB_8=95.2, GAI_BB_15=101.4, GAI_EES=55.9

R1 =93	R2 =97	R3 =99	R4 =94	R5 =94	R6 =97	R7 =90	R8 =79
R9 =52	R10=93	R11=97	R12=83	R13=95	R14=100	R15=88	TLCI=88

Color Quality Scale: Qa= 91.6, Qf= 93.2, Qp= 92.5, Qg= 94.8

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





Photometric Parameters

Luminous Flux: 2876.1 lm Efficiency: 96.94 lm/W Radiant Power: 9.374 W
Total mains efficacy: 96.94 lm/W Energy Efficiency Class: F (EU 2019/2015)
Melanin Flux: 1.954 W M/R: 0.5654 MDER: 0.5145

Electric Parameters

Voltage: 229.40V Current: 0.1390A Power: 29.67W
Power Factor: 0.9310 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms ALC.: 1.0000
Max of Signal: 46177 (2759)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 232.76 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 13:09:31
Operator: Auditor: