佛山市睿锋照明有限公司
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Lightsource Test Report

Product Infomation

Product Number: 80

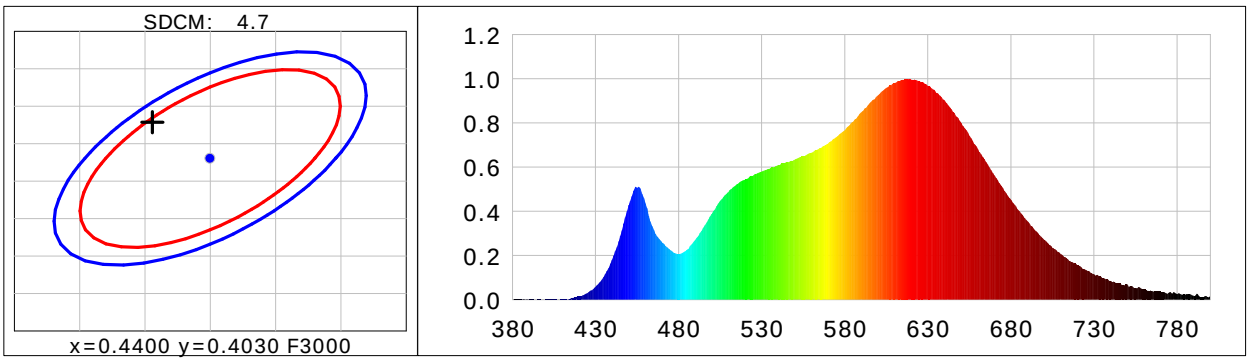
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4356 y=0.4078 u(u')=0.2481 v=0.3484 v'=0.5227
CCT: Tc=3054K (duv=0.00169) Color Ratio: R=0.241 G=0.731 B=0.028
Peak Wavelength: 619.1nm Half Bandwidth: 164.2nm
Dominant Wavelength: 582.0nm Color Purity: 0.532
Central Wave: 593.5nm Gravity Wave: 602.0nm
CRI: Ra= 93.8 TM30: Rf= 92, Rg= 99
GAI: GAI_BB_8=93.6, GAI_BB_15=99.9, GAI_EES=55.1

R1 =94	R2 =96	R3 =98	R4 =96	R5 =94	R6 =97	R7 =93	R8 =83
R9 =60	R10=91	R11=97	R12=80	R13=95	R14=98	R15=89	

Color Quality Scale: Qa= 92.4, Qf= 93.9, Qp= 93.4, Qg= 95.4

Q1 =89	Q2 =96	Q3 =91	Q4 =91	Q5 =94	Q6 =94	Q7 =94	Q8 =95
Q9 =98	Q10=96	Q11=95	Q12=95	Q13=95	Q14=88	Q15=88	



Photometric Parameters

Luminous Flux: 1633.4 lm Efficiency: 72.24 lm/W Radiant Power: 5.481 W
Total mains efficacy: 84.96 lm/W Energy Efficiency Class: G (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 230.90V Current: 0.1040A Power: 22.61W
Power Factor: 0.9430 Frequency: 49.98Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 48258 (3346)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 644.82 ms

Condition: Tx:27.3'C, Ti:26.5'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-06-04 14:52:17
Inspector: