佛山市睿锋照明有限公司
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Lightsource Test Report

Product Infomation

Product Number: 74

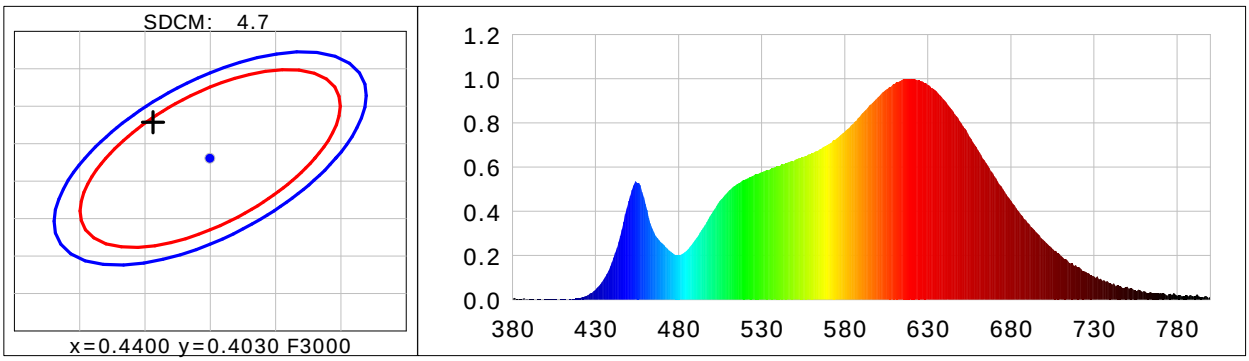
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4356 y=0.4078 u(u')=0.2481 v=0.3484 v'=0.5227
CCT: Tc=3053K (duv=0.00168) Color Ratio: R=0.242 G=0.730 B=0.028
Peak Wavelength: 620.3nm Half Bandwidth: 164.0nm
Dominant Wavelength: 582.0nm Color Purity: 0.532
Central Wave: 593.3nm Gravity Wave: 602.2nm
CRI: Ra= 94.1 TM30: Rf= 92, Rg= 99
GAI: GAI_BB_8=93.8, GAI_BB_15=100.3, GAI_EES=55.2

R1 =95	R2 =97	R3 =98	R4 =96	R5 =95	R6 =97	R7 =93	R8 =84
R9 =61	R10=92	R11=98	R12=80	R13=95	R14=98	R15=90	

Color Quality Scale: Qa= 92.7, Qf= 94.1, Qp= 93.8, Qg= 95.5

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



Photometric Parameters

Luminous Flux: 1113.5 lm Efficiency: 86.59 lm/W Radiant Power: 3.722 W
Total mains efficacy: 101.83 lm/W Energy Efficiency Class: F (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 230.70V Current: 0.0570A Power: 12.86W
Power Factor: 0.9760 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 45795 (3448)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 892.50 ms

Condition: Tx:27.9'C, Ti:26.7'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-06-04 11:56:38
Inspector: