佛山市睿锋照明有限公司
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Lightsource Test Report

Product Infomation

Product Number: 68

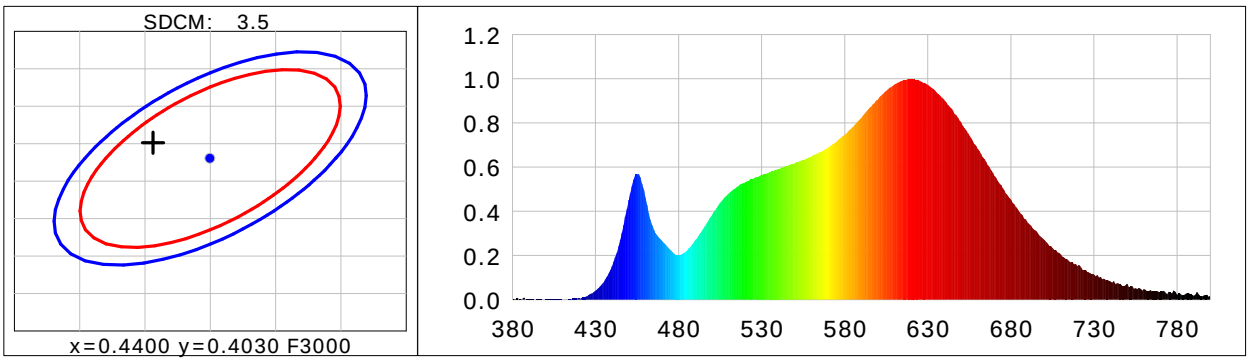
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4356 y=0.4051 u(u')=0.2493 v=0.3477 v'=0.5216
CCT: Tc=3031K (duv=0.00060) Color Ratio: R=0.245 G=0.726 B=0.029
Peak Wavelength: 620.3nm Half Bandwidth: 162.5nm
Dominant Wavelength: 582.5nm Color Purity: 0.524
Central Wave: 594.3nm Gravity Wave: 602.9nm
CRI: Ra= 94.7 TM30: Rf= 92, Rg= 99
GAI: GAI_BB_8=97.0, GAI_BB_15=103.5, GAI_EES=56.5

R1 =96	R2 =98	R3 =98	R4 =96	R5 =96	R6 =97	R7 =93	R8 =84
R9 =64	R10=93	R11=98	R12=81	R13=96	R14=98	R15=91	

Color Quality Scale: Qa= 92.8, Qf= 94.1, Qp= 94.4, Qg= 96.4

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



Photometric Parameters

Luminous Flux: 768.34 lm Efficiency: 99.14 lm/W Radiant Power: 2.600 W
Total mains efficacy: 116.59 lm/W Energy Efficiency Class: E (EU 2019/2015)
Auxiliary lamp correction factor: 1.05

Electric Parameters

Voltage: 231.00V Current: 0.0380A Power: 7.75W
Power Factor: 0.8900 Frequency: 49.97Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0500
Max of Signal: 47310 (3785)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 2∏
CCD Integration Time: 1382.19 ms

Condition: Tx:27.8'C, Ti:26.7'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2024-06-04 11:46:19
Inspector: