NINGBO FREELUX LIGHTING APPLIANCE CO.,LTD.
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INVENTFINE®

Lightsource Test Report

Product Infomation

Product Number: 77

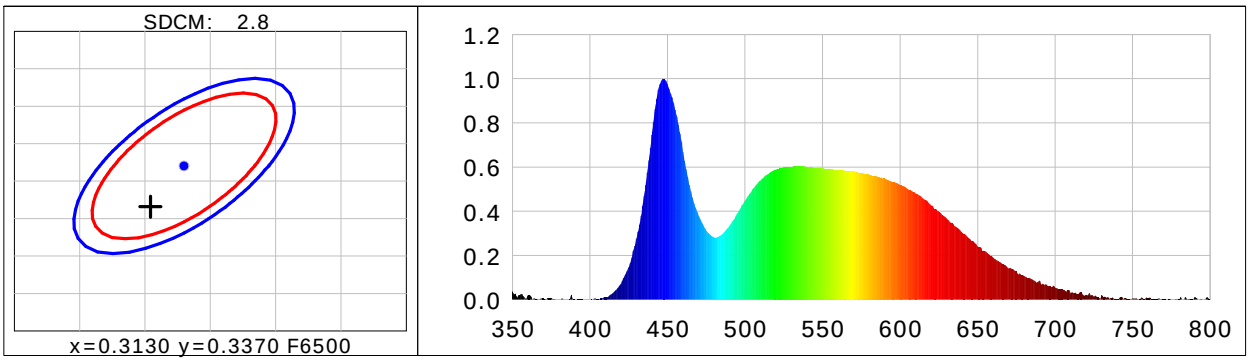
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3104 y=0.3316 u(u')=0.1953 v=0.3129 v'=0.4693
CCT: Tc=6608K (duv=0.00565) Color Ratio: R=0.135 G=0.813 B=0.052
Peak Wavelength: 447.5nm Half Bandwidth: 29.1nm
Dominant Wavelength: 490.7nm Color Purity: 0.079
Central Wave: 450.2nm Gravity Wave: 449.1nm
CRI: Ra= 83.1 TM30: Rf= 84, Rg= 96
GAI: GAI_BB_8=90.2, GAI_BB_15=94.4, GAI_EES=86.9

R1 =81	R2 =86	R3 =90	R4 =84	R5 =82	R6 =82	R7 =89	R8 =71
R9 =8	R10=67	R11=84	R12=63	R13=82	R14=95	R15=75	

Color Quality Scale: Qa= 83.6, Qf= 83.6, Qp= 83.9, Qg= 92.5

Q1 =85	Q2 =98	Q3 =80	Q4 =78	Q5 =83	Q6 =85	Q7 =87	Q8 =91
Q9 =97	Q10=87	Q11=85	Q12=85	Q13=84	Q14=72	Q15=77	



Photometric Parameters

Luminous Flux: 1048.2 lm Efficiency: 112.35 lm/W Radiant Power: 3.395 W
Total mains efficacy: 112.35 lm/W Energy Efficiency Class: E (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.69V Current: 0.0434A Power: 9.33W
Power Factor: 0.9775 Frequency: 49.99Hz DF: 0.9877

Test Infomation
Scan Range: 350~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 52544 (4833)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4∏
CCD Integration Time: 893.13 ms

Condition: Tx:30.7'C, Ti:29.3'C, R.H.:60% Test Device: CMS-3500S
Test Lab: Test Time: 2025-05-26 15:24:21
Operator: Inspector: