NINGBO FREELUX LIGHTING APPLIANCE CO.,LTD.
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Lightsource Test Report

Product Infomation

Product Number: 768

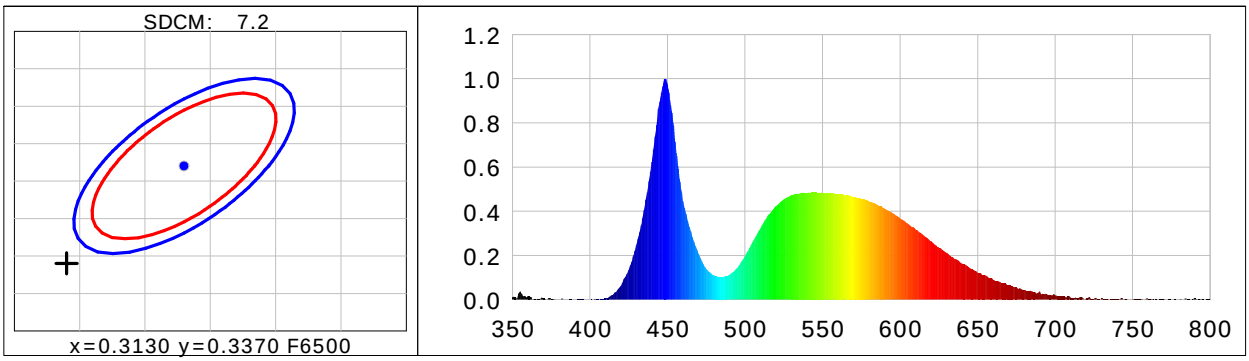
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3040 y=0.3240 u(u')=0.1936 v=0.3095 v'=0.4643
CCT: Tc=6752K (duv=0.00512) Color Ratio: R=0.116 G=0.846 B=0.038
Peak Wavelength: 448.5nm Half Bandwidth: 21.5nm
Dominant Wavelength: 487.5nm Color Purity: 0.106
Central Wave: 448.0nm Gravity Wave: 448.3nm
CRI: Ra= 70.8 TM30: Rf= 72, Rg= 93
GAI: GAI_BB_8=85.0, GAI_BB_15=90.8, GAI_EES=83.4

R1 =68	R2 =74	R3 =78	R4 =72	R5 =70	R6 =66	R7 =81	R8 =58
R9 =-42	R10=38	R11=70	R12=41	R13=69	R14=88	R15=62	

Color Quality Scale: Qa= 71.0, Qf= 70.2, Qp= 73.4, Qg= 87.7

Q1 =80	Q2 =94	Q3 =65	Q4 =59	Q5 =69	Q6 =72	Q7 =77	Q8 =85
Q9 =90	Q10=73	Q11=68	Q12=69	Q13=71	Q14=55	Q15=65	



Photometric Parameters

Luminous Flux: 959.2 lm Efficiency: 100.23 lm/W Radiant Power: 3.997 W
Total mains efficacy: 100.23 lm/W Energy Efficiency Class: D (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.55V Current: 0.0440A Power: 9.57W
Power Factor: 0.9919 Frequency: 49.99Hz DF: 0.9938

Test Infomation
Scan Range: 350~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 43874 (4129)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4∏
CCD Integration Time: 583.02 ms

Condition: Tx:29.4'C, Ti:27.7'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-3500S
Test Time: 2025-09-12 12:46:23
Inspector: