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

Product Infomation

Product Number: 792

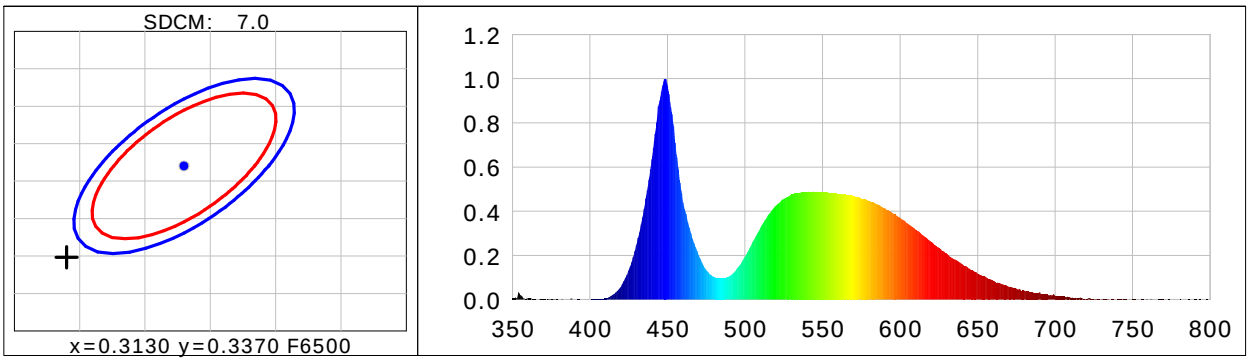
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3040 y=0.3248 u(u')=0.1933 v=0.3098 v'=0.4648
CCT: Tc=6740K (duv=0.00553) Color Ratio: R=0.114 G=0.848 B=0.037
Peak Wavelength: 448.5nm Half Bandwidth: 21.6nm
Dominant Wavelength: 487.9nm Color Purity: 0.105
Central Wave: 447.9nm Gravity Wave: 448.2nm
CRI: Ra= 70.1 TM30: Rf= 71, Rg= 93
GAI: GAI_BB_8=84.4, GAI_BB_15=90.2, GAI_EES=82.7

R1 =67	R2 =73	R3 =78	R4 =71	R5 =69	R6 =66	R7 =80	R8 =57
R9 =-46	R10=37	R11=69	R12=40	R13=68	R14=87	R15=61	

Color Quality Scale: Qa= 70.4, Qf= 69.6, Qp= 72.8, Qg= 87.3

Q1 =79	Q2 =94	Q3 =64	Q4 =58	Q5 =69	Q6 =72	Q7 =76	Q8 =85
Q9 =90	Q10=73	Q11=68	Q12=69	Q13=71	Q14=54	Q15=64	



Photometric Parameters

Luminous Flux: 1999.2 lm Efficiency: 103.80 lm/W Radiant Power: 8.425 W
Total mains efficacy: 103.80 lm/W Energy Efficiency Class: D (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.33V Current: 0.0880A Power: 19.26W
Power Factor: 0.9975 Frequency: 49.99Hz DF: 0.9993

Test Infomation
Scan Range: 350~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 44314 (3865)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4∏
CCD Integration Time: 277.91 ms

Condition: Tx:30.8'C, Ti:29.0'C, R.H.:60% Test Device: CMS-3500S
Test Lab: Test Time: 2025-09-13 10:33:19
Operator: Inspector: