NINGBO FREELUX LIGHTING APPLIANCE CO.,LTD.
www.freelux.com.cn
Tel: 0574-88847555
Fax: 0574-88901055

Lightsource Test Report

Product Infomation

Product Number: 102

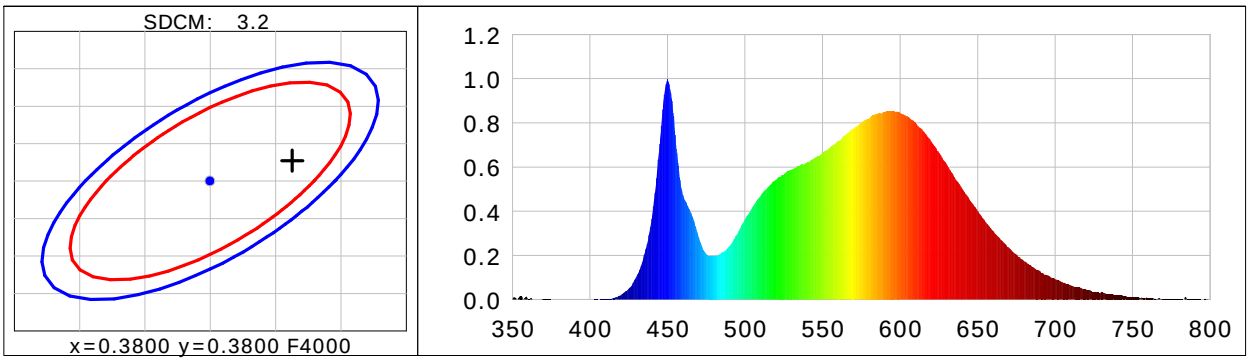
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3863 y=0.3827 u(u')=0.2266 v=0.3367 v'=0.5050
CCT: Tc=3889K (duv=0.00110) Color Ratio: R=0.183 G=0.785 B=0.032
Peak Wavelength: 450.0nm Half Bandwidth: 16.8nm
Dominant Wavelength: 578.9nm Color Purity: 0.308
Central Wave: 450.6nm Gravity Wave: 450.4nm
CRI: Ra= 80.3 TM30: Rf= 82, Rg= 95
GAI: GAI_BB_8=90.3, GAI_BB_15=97.5, GAI_EES=69.6

R1 =78	R2 =87	R3 =94	R4 =79	R5 =78	R6 =82	R7 =84	R8 =60
R9 =-4	R10=69	R11=78	R12=57	R13=80	R14=97	R15=71	

Color Quality Scale: Qa= 80.4, Qf= 80.7, Qp= 80.4, Qg= 91.7

Q1 =80	Q2 =98	Q3 =77	Q4 =74	Q5 =79	Q6 =81	Q7 =83	Q8 =87
Q9 =97	Q10=87	Q11=83	Q12=82	Q13=81	Q14=69	Q15=73	



Photometric Parameters

Luminous Flux: 23688 lm Efficiency: 157.50 lm/W Radiant Power: 56.392 W
Total mains efficacy: 157.50 lm/W Energy Efficiency Class: E (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 219.51V Current: 0.7026A Power: 150.40W
Power Factor: 0.9751 Frequency: 49.99Hz DF: 0.9785

Test Infomation
Scan Range: 350~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 44945 (3787)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4∏
CCD Integration Time: 157.25 ms

Condition: Tx:32.3'C, Ti:31.1'C, R.H.:60% Test Device: CMS-3500S
Test Lab: Test Time: 2024-09-11 13:05:49
Operator: Inspector: