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

## Product Infomation

Product Number: 6

## CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3102 y=0.3241 u(u')=0.1979 v=0.3102 v'=0.4653
CCT: Tc=6686K (duv=0.00194) Color Ratio: R=0.124 G=0.841 B=0.035
Peak Wavelength: 441.7nm Half Bandwidth: 21.2nm
Dominant Wavelength: 486.4nm Color Purity: 0.085
Central Wave: 441.5nm Gravity Wave: 441.7nm
CRI: Ra= 71.5 TM30: Rf= 72, Rg= 97
GAI: GAI_BB_8=90.6, GAI_BB_15=93.6, GAI_EES=87.5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =71 | R2 =73 | R3 =76 | R4 =73 | R5 =73 | R6 =67 | R7 =77 | R8 =61 |
| R9 =-27 | R10=38 | R11=75 | R12=50 | R13=70 | R14=86 | R15=65 | |

Color Quality Scale: Qa= 73.1, Qf= 71.5, Qp= 77.6, Qg= 91.8

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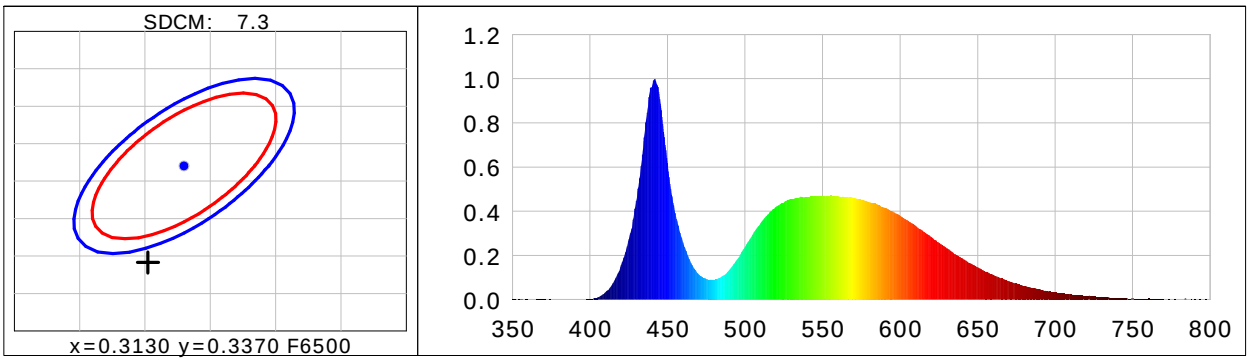
|---|---|---|---|---|---|---|---|
| Q1 =80 | Q2 =91 | Q3 =67 | Q4 =66 | Q5 =75 | Q6 =76 | Q7 =78 | Q8 =88 |
| Q9 =89 | Q10=72 | Q11=68 | Q12=70 | Q13=73 | Q14=60 | Q15=68 | |




## Photometric Parameters

Luminous Flux: 25068 lm Efficiency: 127.91 lm/W Radiant Power: 78.431 W
Total mains efficacy: 127.91 lm/W Energy Efficiency Class: E (EU 2019/2015)
Auxiliary lamp correction factor: 1.00

## Electric Parameters

Voltage: 219.47V Current: 0.9002A Power: 195.99W
Power Factor: 0.9920 Frequency: 49.99Hz DF: 0.9942

Test Infomation
Scan Range: 350~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 44640 (4146)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4∏
CCD Integration Time: 69.73 ms

Condition: Tx:35.3'C, Ti:33.6'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-3500S
Test Time: 2024-09-04 10:10:04
Inspector: