

Lightsource Test Report

Product Infomation

Product Spec: FG 55 0,26A 32W 5000K

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3445$ $y=0.3608$ $u(u')=0.2075$ $v=0.3260$ $v'=0.4890$

CCT: $T_c=5052K$ ($duv=0.00479$)

Color Ratio: $R=0.151$ $G=0.805$ $B=0.044$

Peak Wavelength: 451.6nm

Half Bandwidth: 18.5nm

Dominant Wavelength: 567.9nm

Color Purity: 0.117

CRI: R_a : $R_a=84.6$

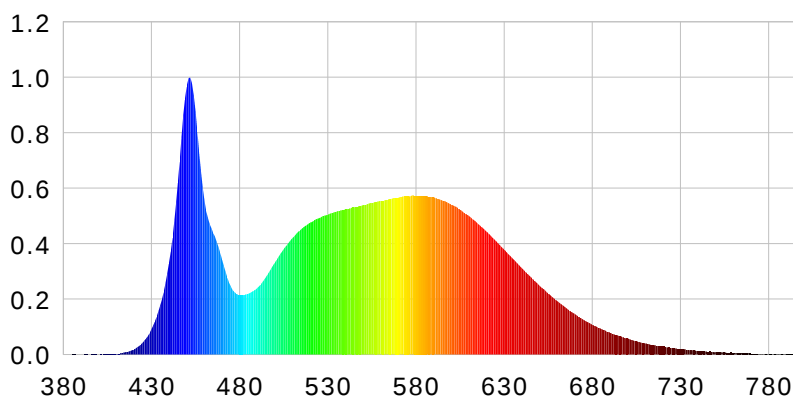
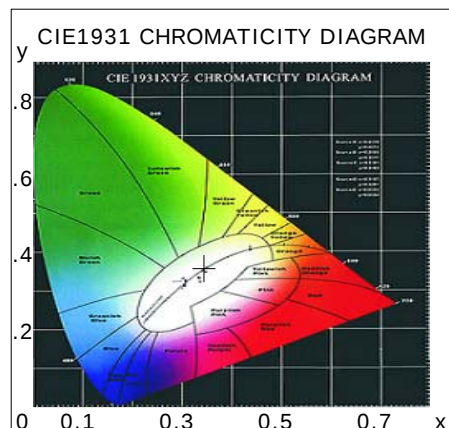
$R1=81$ $R2=84$ $R3=85$ $R4=88$ $R5=81$ $R6=77$ $R7=92$ $R8=74$

$R9=12$ $R10=60$ $R11=86$ $R12=47$ $R13=81$ $R14=91$ $R15=78$

Color Quality Scale: $Q_a=80.5$, $Q_f=80.8$, $Q_p=79.4$, $Q_g=90.2$

$Q1=82$ $Q2=98$ $Q3=77$ $Q4=70$ $Q5=76$ $Q6=79$ $Q7=85$ $Q8=91$

$Q9=96$ $Q10=87$ $Q11=82$ $Q12=81$ $Q13=81$ $Q14=72$ $Q15=76$



Photometric Parameters

Luminous Flux: 3990.13 lm

Efficiency: 123.72 lm/W

Radiant Power: 12.080 W

Electric Parameters

Voltage: 221.60V

Current: 0.1550A

Power: 32.25W

Power Factor: 0.9380

Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 45900 (2949)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.00m, 4PI

CCD Integration Time: 124.95 ms

Condition: $T_x=22.6^{\circ}C$, $T_i=21.5^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-10-15 15:45:50

Inspector: