

Lightsource Test Report

Product Infomation

Product Spec: FI 135 44W 5000K

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3527$ $y=0.3558$ $u(u')=0.2149$ $v=0.3252$ $v'=0.4878$

CCT: $T_c=4737K$ ($duv=-0.00086$)

Color Ratio: $R=0.169$ $G=0.779$ $B=0.052$

Peak Wavelength: 460.9nm

Half Bandwidth: 21.5nm

Dominant Wavelength: 576.2nm

Color Purity: 0.126

CRI: $R_a=84.8$

TM30: $R_f=78$, $R_g=90$

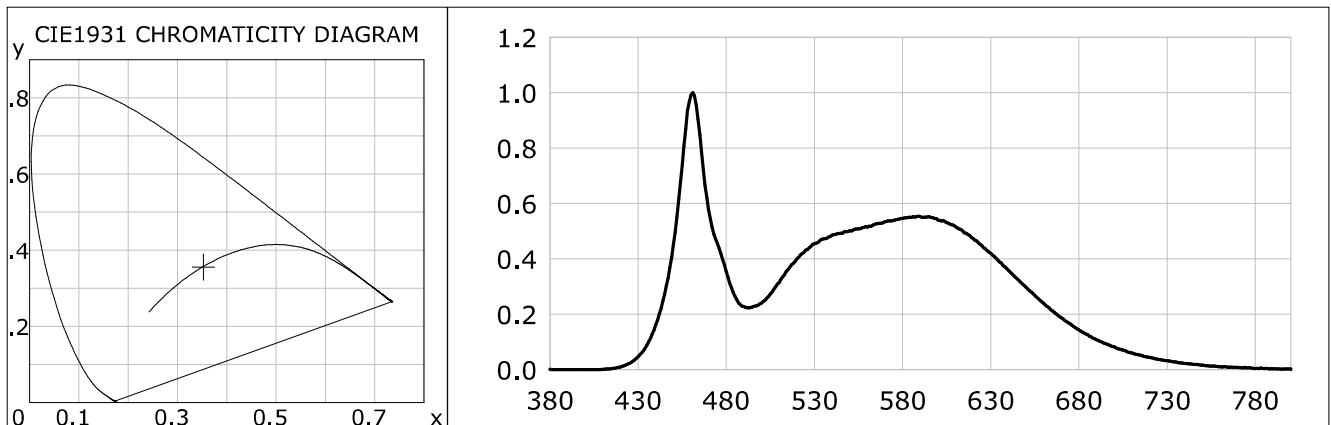
$R_1=85$ $R_2=95$ $R_3=95$ $R_4=77$ $R_5=82$ $R_6=89$ $R_7=84$ $R_8=70$

$R_9=27$ $R_{10}=84$ $R_{11}=75$ $R_{12}=55$ $R_{13}=89$ $R_{14}=98$ $R_{15}=82$

Color Quality Scale: $Q_a=81.4$, $Q_f=81.7$, $Q_p=80.1$, $Q_g=90.4$

$Q_1=80$ $Q_2=95$ $Q_3=81$ $Q_4=70$ $Q_5=72$ $Q_6=74$ $Q_7=82$ $Q_8=89$

$Q_9=98$ $Q_{10}=92$ $Q_{11}=86$ $Q_{12}=86$ $Q_{13}=86$ $Q_{14}=78$ $Q_{15}=80$



Photometric Parameters

Luminous Flux: 5830.39 lm
EEI: 0.10

Efficiency: 134.68 lm/W

Radiant Power: 18.545 W

Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 220.00V

Current: 0.2000A

Power: 43.29W

Power Factor: 0.9830

Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 45785 (2972)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 77.31 ms

Condition: $T_x=23.8^\circ C$, $T_i=24.0^\circ C$, R.H.:60%

Test Lab:

Operator: Albakov D.

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-05-26 12:15:19

Inspector: