

Lightsource Test Report

Product Information

Product Spec: FI 135 37W 5000K

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3526$ $y=0.3549$ $u(u')=0.2152$ $v=0.3249$ $v'=0.4874$

CCT: $T_c=4735K$ ($duv=-0.00130$)

Color Ratio: $R=0.169$ $G=0.781$ $B=0.050$

Peak Wavelength: 460.0nm

Half Bandwidth: 21.5nm

Dominant Wavelength: 576.7nm

Color Purity: 0.123

CRI: $R_a=84.8$

TM30: $R_f=78$, $R_g=91$

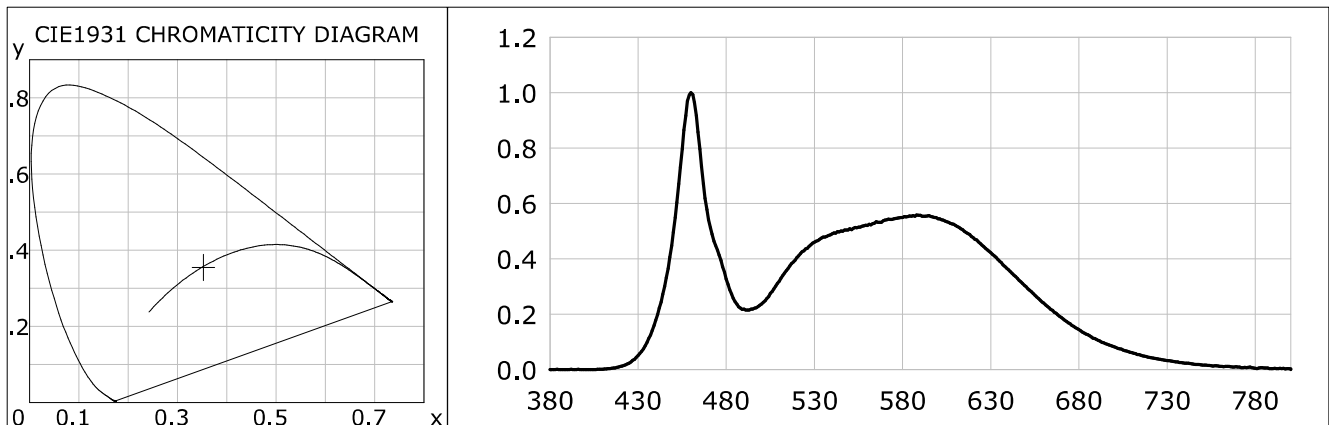
$R_1=85$ $R_2=94$ $R_3=95$ $R_4=78$ $R_5=82$ $R_6=88$ $R_7=85$ $R_8=70$

$R_9=27$ $R_{10}=82$ $R_{11}=76$ $R_{12}=55$ $R_{13}=89$ $R_{14}=98$ $R_{15}=82$

Color Quality Scale: $Q_a=81.2$, $Q_f=81.5$, $Q_p=80.3$, $Q_g=90.9$

$Q_1=81$ $Q_2=96$ $Q_3=80$ $Q_4=69$ $Q_5=72$ $Q_6=75$ $Q_7=83$ $Q_8=89$

$Q_9=97$ $Q_{10}=91$ $Q_{11}=85$ $Q_{12}=85$ $Q_{13}=85$ $Q_{14}=78$ $Q_{15}=80$



Photometric Parameters

Luminous Flux: 4477.34 lm
EEI: 0.11

Efficiency: 128.40 lm/W

Radiant Power: 14.231 W

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

Electric Parameters

Voltage: 220.00V

Current: 0.1610A

Power: 34.87W

Power Factor: 0.9860

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 44930 (3023)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 99.33 ms

Condition: $T_x=24.8^\circ C$, $T_i=26.5^\circ C$, R.H.:60%

Test Lab:

Operator: Albakov D.

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-05-25 12:41:28

Inspector: