

Lightsource Test Report

Product Information

Product Spec: FT 81 30W 3000K

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4399$ $y=0.3996$ $u(u')=0.2544$ $v=0.3467$ $v'=0.5201$

CCT: $T_c=3076K$ ($duv=-0.00217$)

Color Ratio: $R=0.245$ $G=0.725$ $B=0.031$

Peak Wavelength: 613.0nm

Half Bandwidth: 135.9nm

Dominant Wavelength: 584.0nm

Color Purity: 0.520

CRI: $R_a=87.6$

TM30: $R_f=85$, $R_g=95$

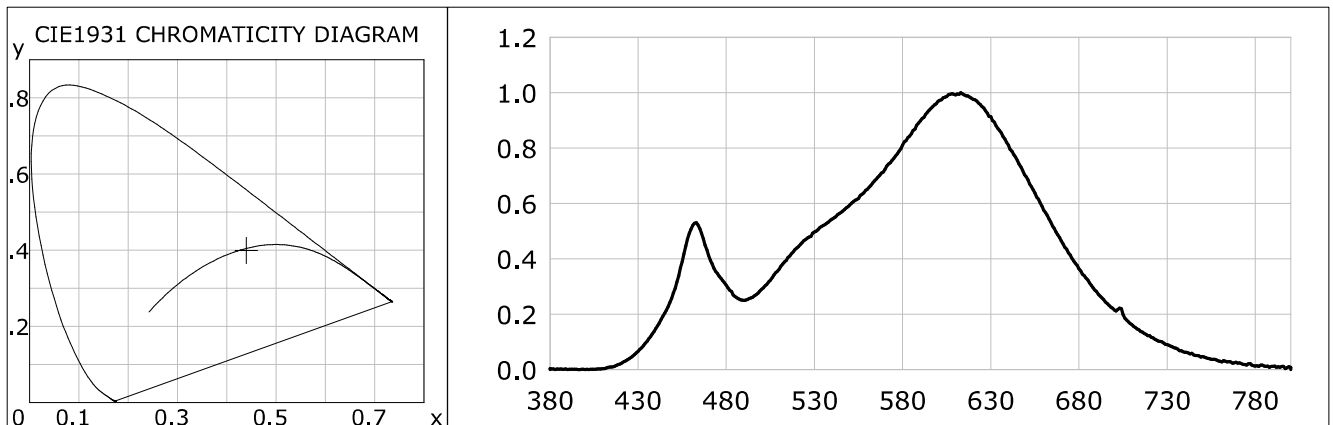
$R_1=88$ $R_2=97$ $R_3=95$ $R_4=85$ $R_5=88$ $R_6=95$ $R_7=84$ $R_8=69$

$R_9=34$ $R_{10}=91$ $R_{11}=84$ $R_{12}=80$ $R_{13}=91$ $R_{14}=99$ $R_{15}=82$

Color Quality Scale: $Q_a=86.1$, $Q_f=87.7$, $Q_p=88.2$, $Q_g=93.0$

$Q_1=83$ $Q_2=94$ $Q_3=88$ $Q_4=82$ $Q_5=84$ $Q_6=86$ $Q_7=87$ $Q_8=89$

$Q_9=96$ $Q_{10}=93$ $Q_{11}=89$ $Q_{12}=87$ $Q_{13}=87$ $Q_{14}=80$ $Q_{15}=81$



Photometric Parameters

Luminous Flux: 2254.11 lm
EEI: 0.17

Efficiency: 79.99 lm/W

Radiant Power: 7.341 W

Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 221.70V

Current: 0.1320A

Power: 28.18W

Power Factor: 0.9640

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 44902 (3685)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 309.21 ms

Condition: $T_x=30.4^{\circ}C$, $T_i=29.5^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-08-15 17:02:40

Inspector: