

Lightsource Test Report

Product Infomation

Product Spec: FI 105 10W 5000K

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3538$ $y=0.3579$ $u(u')=0.2148$ $v=0.3260$ $v'=0.4890$

CCT: $T_c=4707K$ ($duv=-0.00024$)

Color Ratio: $R=0.170$ $G=0.778$ $B=0.053$

Peak Wavelength: 461.4nm

Half Bandwidth: 21.1nm

Dominant Wavelength: 575.8nm

Color Purity: 0.136

CRI: $R_a=84.6$

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

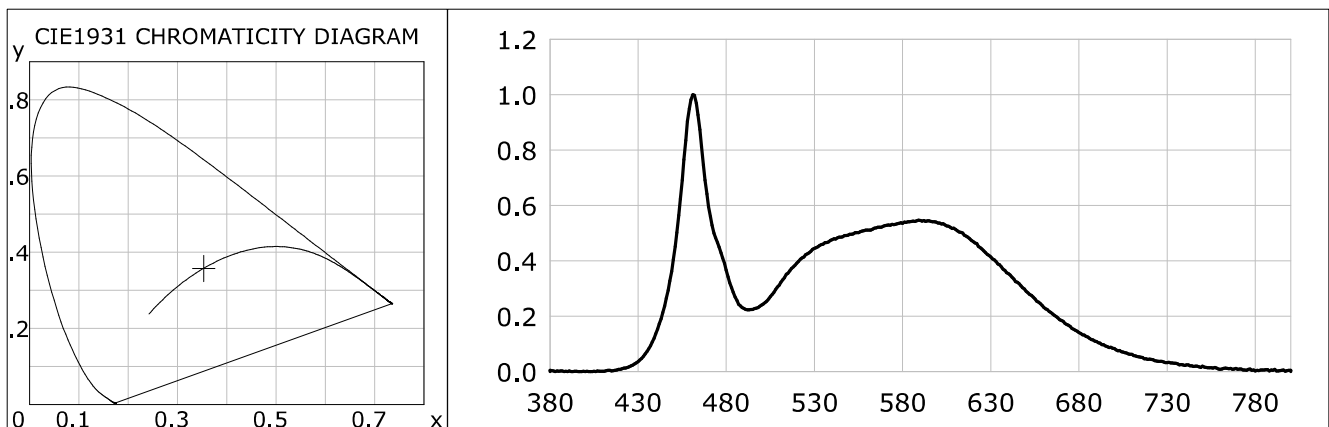
$R_1=85$ $R_2=96$ $R_3=95$ $R_4=77$ $R_5=82$ $R_6=90$ $R_7=83$ $R_8=69$

$R_9=27$ $R_{10}=85$ $R_{11}=74$ $R_{12}=55$ $R_{13}=89$ $R_{14}=98$ $R_{15}=82$

Color Quality Scale: $Q_a=81.3$, $Q_f=81.7$, $Q_p=79.8$, $Q_g=89.8$

$Q_1=79$ $Q_2=94$ $Q_3=83$ $Q_4=70$ $Q_5=72$ $Q_6=73$ $Q_7=82$ $Q_8=89$

$Q_9=98$ $Q_{10}=93$ $Q_{11}=87$ $Q_{12}=86$ $Q_{13}=86$ $Q_{14}=78$ $Q_{15}=79$



Photometric Parameters

Luminous Flux: 1473.35 lm
EEI: 0.09

Efficiency: 144.30 lm/W

Radiant Power: 4.681 W

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

Electric Parameters

Voltage: 220.10V

Current: 0.0480A

Power: 10.21W

Power Factor: 0.9690

Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 45258 (3545)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 268.35 ms

Condition: $T_x=29.1^\circ C$, $T_i=29.0^\circ C$, R.H.:60%

Test Lab:

Operator: Albakov D.

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-07-09 12:15:15

Inspector: