

Lightsource Test Report

Product Information

Product Category:STL002(S0208) 1M

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3841$ $y=0.3843$ $u(u')=0.2245$ $v=0.3369$ $v'=0.5054$

CCT: $T_c=3959K$ ($duv=0.00246$)

Color Ratio: $R=0.181$ $G=0.783$ $B=0.036$

Peak Wavelength: 449.7nm

Half Bandwidth: 19.6nm

Dominant Wavelength: 578.0nm

Color Purity: 0.306

CRI: $R_a=82.0$

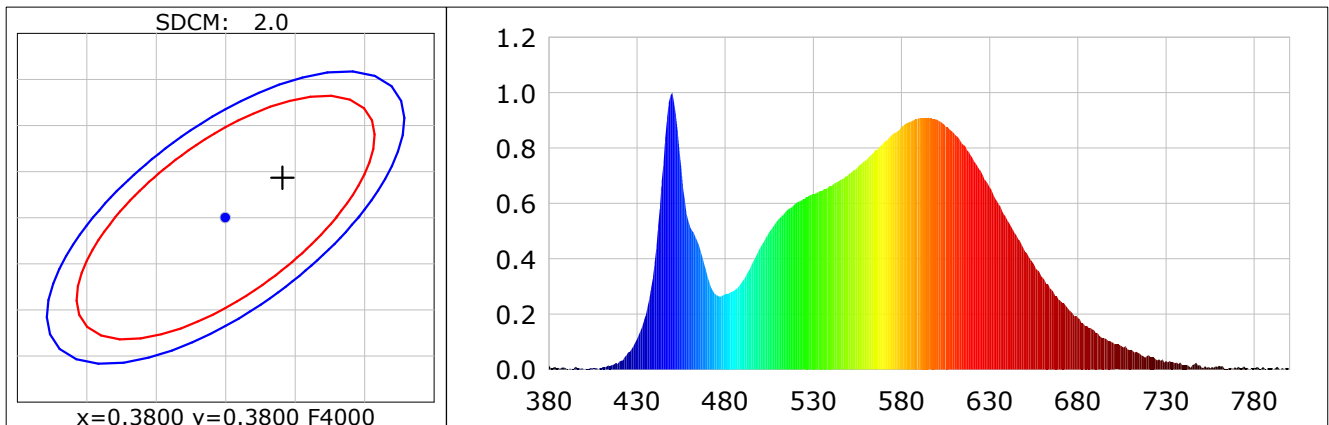
$R_1=80$ $R_2=89$ $R_3=96$ $R_4=81$ $R_5=80$ $R_6=85$ $R_7=85$ $R_8=61$

$R_9=0$ $R_{10}=74$ $R_{11}=80$ $R_{12}=62$ $R_{13}=82$ $R_{14}=98$ $R_{15}=72$

Color Quality Scale: $Q_a=82.4$, $Q_f=82.9$, $Q_p=81.4$, $Q_g=91.0$

$Q_1=80$ $Q_2=98$ $Q_3=81$ $Q_4=78$ $Q_5=82$ $Q_6=83$ $Q_7=85$ $Q_8=89$

$Q_9=97$ $Q_{10}=90$ $Q_{11}=86$ $Q_{12}=84$ $Q_{13}=83$ $Q_{14}=70$ $Q_{15}=74$



Photometric Parameters

Luminous Flux: 1019.06 lm
EEI: 0.14

Efficiency: 91.89 lm/W

Radiant Power: 3.011 W

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

Electric Parameters

Voltage: 220.20V

Current: 0.1180A

Power: 11.09W

Power Factor: 0.4280

Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 2 Sec

Max of Signal: 42738 (6162)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4T

CCD Integration Time: 1455.30 ms

Condition: $T_x=33.8^\circ C$, $T_i=33.1^\circ C$, R.H.:60%

Test Lab: IDEUS

Operator:

Test Device: Inventfine CMS-3000S

Test Time: 2023-06-02 15:06:43

Inspector: