

Lightsource Test Report

Product Information

Product Category: STL002(S0207) 1M

Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4451$ $y=0.4078$ $u(u')=0.2543$ $v=0.3494$ $v'(=0.5240)$

CCT: $T_c=2896K$ ($duv=0.00040$)

Color Ratio: $R=0.237$ $G=0.739$ $B=0.024$

Peak Wavelength: 604.0nm

Half Bandwidth: 122.0nm

Dominant Wavelength: 583.1nm

Color Purity: 0.560

CRI: $R_a=83.3$

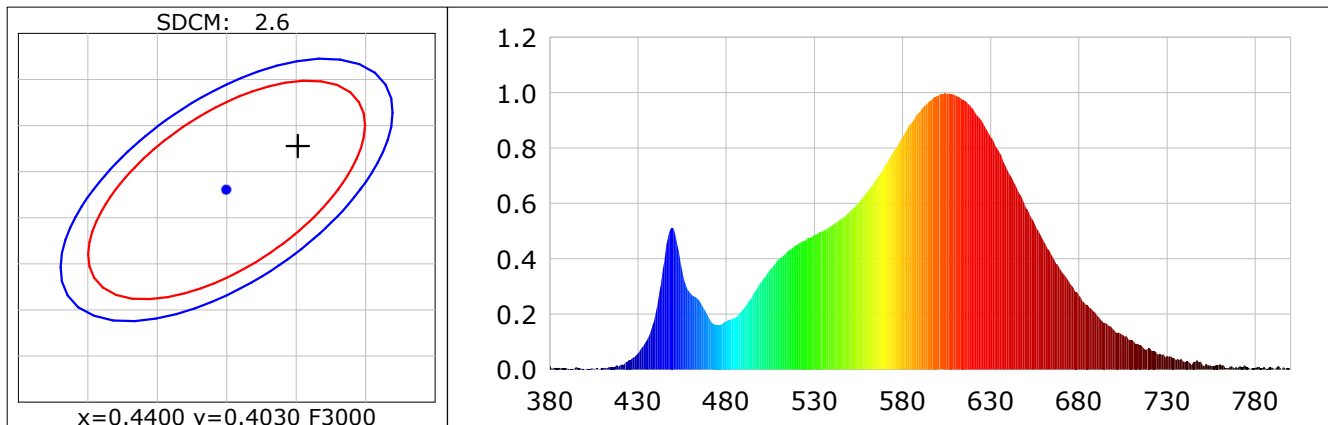
$R_1=82$ $R_2=91$ $R_3=97$ $R_4=83$ $R_5=83$ $R_6=91$ $R_7=82$ $R_8=59$

$R_9=8$ $R_{10}=81$ $R_{11}=83$ $R_{12}=75$ $R_{13}=84$ $R_{14}=99$ $R_{15}=74$

Color Quality Scale: $Q_a=83.4$, $Q_f=85.3$, $Q_p=84.4$, $Q_g=91.2$

$Q_1=78$ $Q_2=95$ $Q_3=85$ $Q_4=83$ $Q_5=85$ $Q_6=85$ $Q_7=85$ $Q_8=87$

$Q_9=95$ $Q_{10}=91$ $Q_{11}=88$ $Q_{12}=85$ $Q_{13}=84$ $Q_{14}=72$ $Q_{15}=74$



Photometric Parameters

Luminous Flux: 916.21 lm

Efficiency: 83.60 lm/W

Radiant Power: 2.769 W

EEL: 0.15

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

Electric Parameters

Voltage: 220.20V

Current: 0.1180A

Power: 10.96W

Power Factor: 0.4210

Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 2 Sec

Max of Signal: 42186 (6422)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4T

CCD Integration Time: 1516.49 ms

Condition: $T_x=35.1^{\circ}C$, $T_i=33.4^{\circ}C$, R.H.:60%

Test Lab: IDEUS

Operator:

Test Device: Inventfine CMS-3000S

Test Time: 2023-06-02 16:13:26

Inspector: