

Lightsource Test Report

Product Infomation

Product Number: 53

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3322$ $y=0.3637$ $u(u')=0.1983$ $v=0.3257$ $v'=0.4885$

CCT: $T_c=5516K$ ($duv=0.01125$)

Color Ratio: $R=0.119$ $G=0.859$ $B=0.022$

Peak Wavelength: 441.8nm

Half Bandwidth: 25.9nm

Dominant Wavelength: 552.7nm

Color Purity: 0.089

CRI: $R_a=63.8$

TM30: $R_f=62$, $R_g=93$

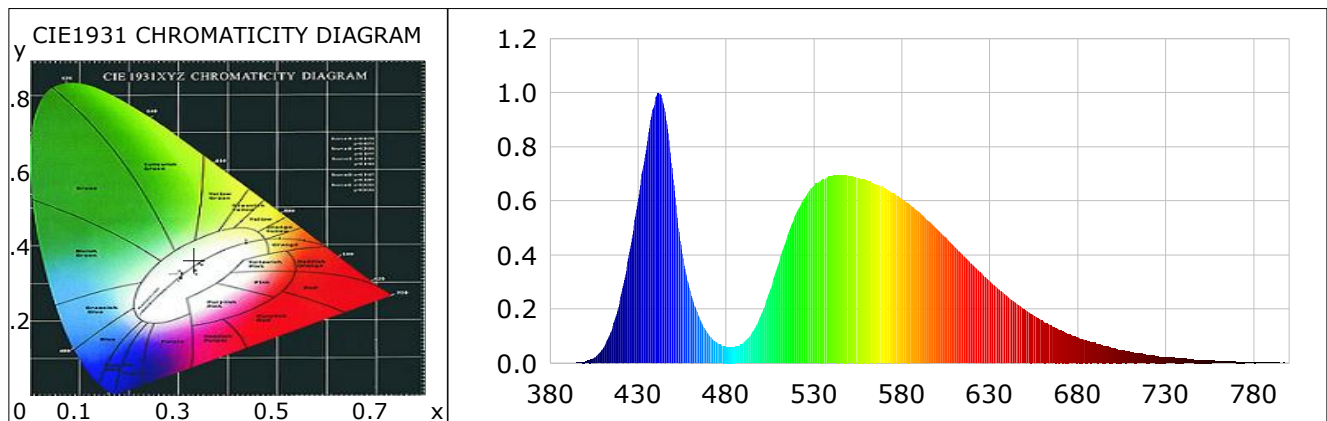
$R_1=63$ $R_2=63$ $R_3=62$ $R_4=70$ $R_5=65$ $R_6=52$ $R_7=72$ $R_8=59$

$R_9=42$ $R_{10}=11$ $R_{11}=70$ $R_{12}=29$ $R_{13}=60$ $R_{14}=78$ $R_{15}=58$

Color Quality Scale: $Q_a=69.1$, $Q_f=68.2$, $Q_p=72.1$, $Q_g=87.1$

$Q_1=77$ $Q_2=92$ $Q_3=64$ $Q_4=59$ $Q_5=68$ $Q_6=68$ $Q_7=73$ $Q_8=85$

$Q_9=87$ $Q_{10}=69$ $Q_{11}=64$ $Q_{12}=67$ $Q_{13}=69$ $Q_{14}=55$ $Q_{15}=64$



Photometric Parameters

Luminous Flux: 3572.55 lm
EEI: 0.15

Efficiency: 92.07 lm/W

Radiant Power: 10.436 W

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

Electric Parameters

Voltage: 25.868V

Current: 1.5000A

Power: 38.80W

Power Factor: 1.0000

Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 43612 (4226)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 37.20 ms

Condition: $T_x=31.8^{\circ}C$, $T_i=0.0^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2017-06-06 11:39:14

Inspector: