

Lightsource Test Report

Product Infomation

Product Spec: ECO1.2M

Product Number: 4

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3127$ $y=0.3332$ $u(u')=0.1963$ $v=0.3137$ $v'=0.4705$

CCT: $T_c=6474K$ ($duv=0.00531$)

Color Ratio: $R=0.134$ $G=0.810$ $B=0.056$

Peak Wavelength: 447.9nm

Half Bandwidth: 23.6nm

Dominant Wavelength: 491.6nm

Color Purity: 0.070

CRI: $R_a=85.4$

TM30: $R_f=82$, $R_g=96$

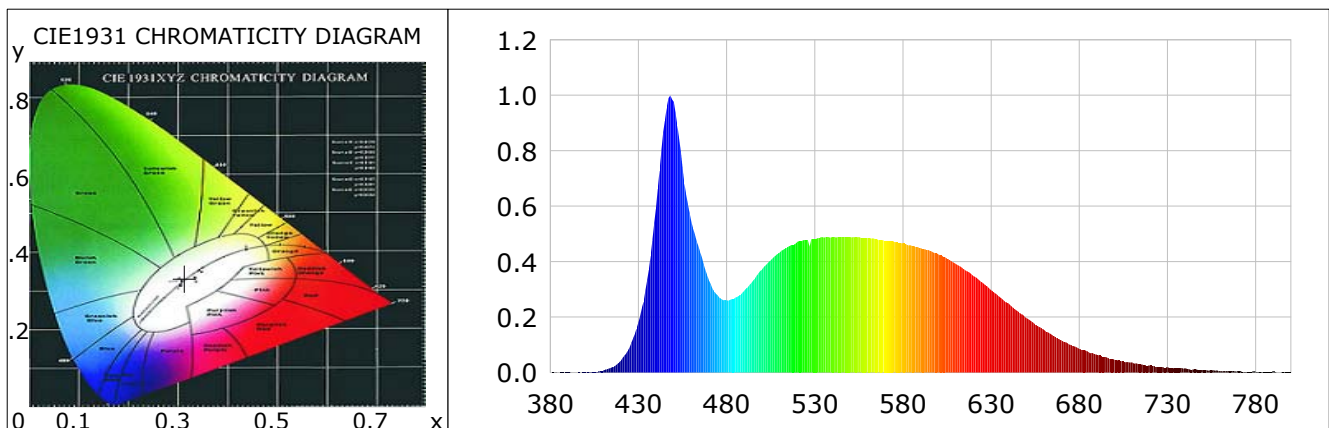
$R_1=85$ $R_2=85$ $R_3=83$ $R_4=92$ $R_5=86$ $R_6=79$ $R_7=92$ $R_8=81$

$R_9=28$ $R_{10}=62$ $R_{11}=92$ $R_{12}=55$ $R_{13}=84$ $R_{14}=91$ $R_{15}=83$

Color Quality Scale: $Q_a=84.0$, $Q_f=83.8$, $Q_p=84.3$, $Q_g=92.6$

$Q_1=87$ $Q_2=98$ $Q_3=80$ $Q_4=74$ $Q_5=81$ $Q_6=84$ $Q_7=89$ $Q_8=93$

$Q_9=96$ $Q_{10}=87$ $Q_{11}=84$ $Q_{12}=84$ $Q_{13}=84$ $Q_{14}=77$ $Q_{15}=81$



Photometric Parameters

Luminous Flux: 2919.02 lm
EEI: 0.17

Efficiency: 82.46 lm/W

Radiant Power: 9.419 W

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

Electric Parameters

Voltage: 230.20V

Current: 0.1590A

Power: 35.40W

Power Factor: 0.9660

Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 25 Sec

Max of Signal: 46343 (2506)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.00m, 4T

CCD Integration Time: 408.01 ms

Condition: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%
Test Lab: RUNWIN
Operator: Zhong ql

Test Device: Inventfine CMS-2S (Plus) Test
Time: 2018-10-17 13:34:45
Inspector: Zhongql