

Lightsource Test Report

Product Infomation

Product Category: 5050

Product Number: 4

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3502$ $y=0.3657$ $u(u')=0.2094$ $v=0.3281$ $v'=0.4921$

CCT: $T_c=4868K$ ($duv=0.00496$)

Color Ratio: $R=0.155$ $G=0.799$ $B=0.045$

Peak Wavelength: 451.0nm

Half Bandwidth: 25.9nm

Dominant Wavelength: 570.4nm

Color Purity: 0.148

CRI: $R_a=81.6$

TM30: $R_f=80$, $R_g=92$

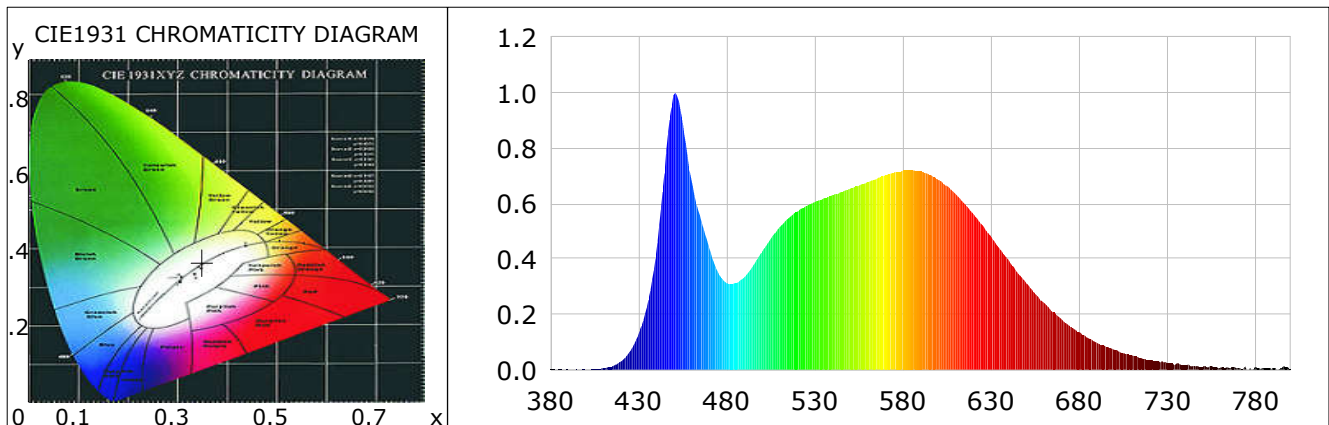
$R_1=79$ $R_2=88$ $R_3=95$ $R_4=79$ $R_5=79$ $R_6=84$ $R_7=86$ $R_8=63$

$R_9=-2$ $R_{10}=72$ $R_{11}=78$ $R_{12}=56$ $R_{13}=81$ $R_{14}=97$ $R_{15}=72$

Color Quality Scale: $Q_a=81.7$, $Q_f=82.2$, $Q_p=79.9$, $Q_g=89.4$

$Q_1=80$ $Q_2=97$ $Q_3=81$ $Q_4=75$ $Q_5=79$ $Q_6=80$ $Q_7=83$ $Q_8=89$

$Q_9=97$ $Q_{10}=90$ $Q_{11}=86$ $Q_{12}=85$ $Q_{13}=84$ $Q_{14}=70$ $Q_{15}=74$



Photometric Parameters

Luminous Flux: 1413.57 lm
EEI: 0.11

Efficiency: 121.69 lm/W

Radiant Power: 4.271 W

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

Electric Parameters

Voltage: 12.000V

Current: 0.9680A

Power: 11.62W

Power Factor: 1.0000

Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 45593 (2976)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4 π

CCD Integration Time: 316.45 ms

Model: 50WB60WNAZxxx

Tester:

Temperature:

Manufactory:

Number:

Date:2021-10-12

Humidity:

Remarks: