

Lightsource Test Report

Product Infomation

Product Category: 5050

Product Number: 10

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3820$ $y=0.3891$ $u(u')=0.2213$ $v=0.3381$ $v'=0.5072$

CCT: $T_c=4046K$ ($duv=0.00523$)

Color Ratio: $R=0.176$ $G=0.785$ $B=0.038$

Peak Wavelength: 589.3nm

Half Bandwidth: 148.1nm

Dominant Wavelength: 576.4nm

Color Purity: 0.315

CRI: $R_a=81.8$

TM30: $R_f=81$, $R_g=92$

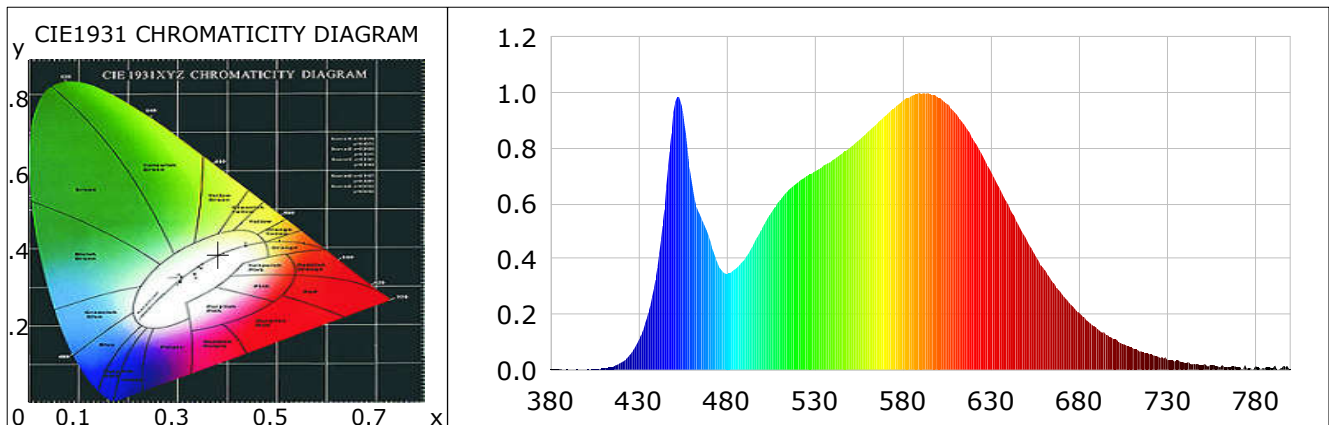
$R_1=79$ $R_2=89$ $R_3=96$ $R_4=79$ $R_5=79$ $R_6=86$ $R_7=85$ $R_8=60$

$R_9=-2$ $R_{10}=75$ $R_{11}=78$ $R_{12}=60$ $R_{13}=82$ $R_{14}=98$ $R_{15}=71$

Color Quality Scale: $Q_a=82.6$, $Q_f=83.3$, $Q_p=80.1$, $Q_g=88.9$

$Q_1=79$ $Q_2=96$ $Q_3=84$ $Q_4=78$ $Q_5=81$ $Q_6=81$ $Q_7=83$ $Q_8=89$

$Q_9=97$ $Q_{10}=92$ $Q_{11}=88$ $Q_{12}=86$ $Q_{13}=84$ $Q_{14}=70$ $Q_{15}=74$



Photometric Parameters

Luminous Flux: 1632.55 lm

Efficiency: 147.88 lm/W

Radiant Power: 4.801 W

EEL: 0.09

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

Electric Parameters

Voltage: 12.000V

Current: 0.9200A

Power: 11.04W

Power Factor: 1.0000

Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 45452 (3126)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 350.12 ms

Model: 50WC60WNAZxxx

Tester:

Temperature:

Manufactory:

Number:

Date:2021-10-20

Humidity:

Remarks: