



## Lightsource Test Report

### Product Infomation

Product Category: 5050

Product Number: 119

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3126$   $y=0.3318$   $u(u')=0.1968$   $v=0.3132$   $v'=0.4698$

CCT:  $T_c=6488K$  ( $duv=0.00464$ )

Color Ratio:  $R=0.134$   $G=0.805$   $B=0.062$

Peak Wavelength: 454.2nm

Half Bandwidth: 25.5nm

Dominant Wavelength: 490.8nm

Color Purity: 0.071

CRI:  $R_a=83.6$

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

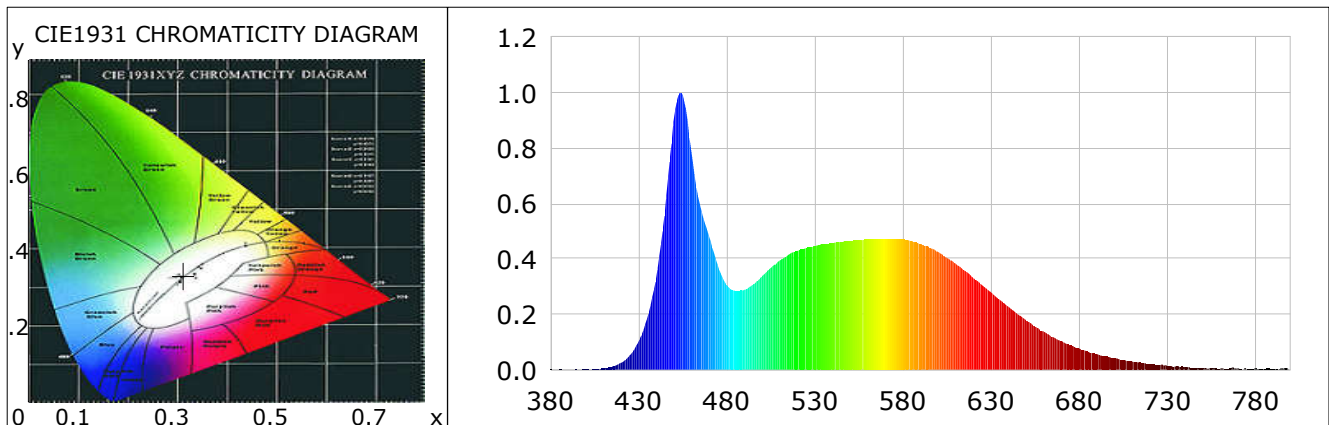
$R_1=82$   $R_2=91$   $R_3=94$   $R_4=80$   $R_5=82$   $R_6=86$   $R_7=87$   $R_8=68$

$R_9=5$   $R_{10}=77$   $R_{11}=80$   $R_{12}=58$   $R_{13}=85$   $R_{14}=97$   $R_{15}=77$

Color Quality Scale:  $Q_a=81.3$ ,  $Q_f=81.6$ ,  $Q_p=80.3$ ,  $Q_g=89.6$

$Q_1=81$   $Q_2=98$   $Q_3=81$   $Q_4=73$   $Q_5=77$   $Q_6=79$   $Q_7=84$   $Q_8=89$

$Q_9=97$   $Q_{10}=90$   $Q_{11}=85$   $Q_{12}=83$   $Q_{13}=82$   $Q_{14}=71$   $Q_{15}=75$



### Photometric Parameters

Luminous Flux: 1455.58 lm  
EEI: 0.10

Efficiency: 137.84 lm/W

Radiant Power: 4.673 W

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

### Electric Parameters

Voltage: 12.000V

Current: 0.8800A

Power: 10.56W

Power Factor: 1.0000

Frequency: 0.00Hz

### Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 48056 (2920)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 205.25 ms

Model: 50WA60WNAZxxx

Tester:

Temperature:

Manufactory:

Number:

Date:2021-07-17

Humidity:

Remarks: