

## Spectrum Test Report

### Product Information

Product Category: LED Road Light

Product Type: 2014031522507 1\_24\_002644

Product Spec: 60W AC 90-264V 3700-4680LM (Product Number: 373

### CIE Colorimetric Parameters

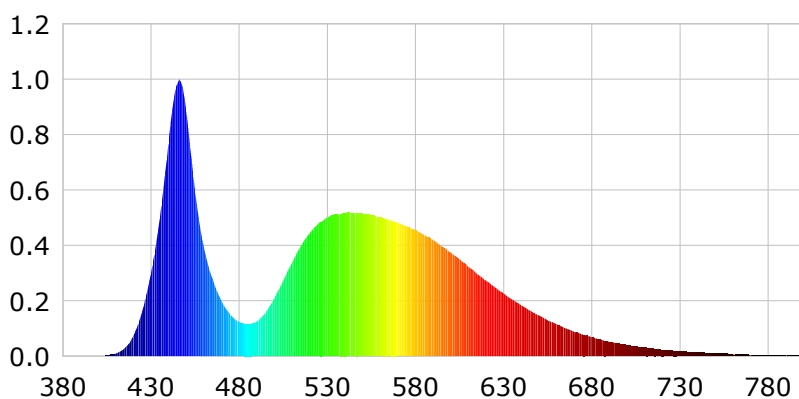
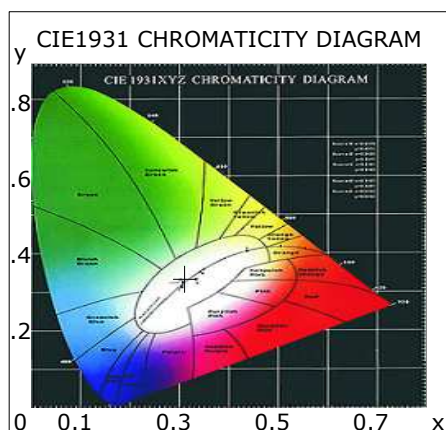
Chromaticity coordinates:  $x=0.3106$   $y=0.3361$   $u(u')=0.1938$   $v=0.3145$   $v'=0.4718$ CCT:  $T_c=6562K$  ( $duv=0.00782$ )Color Ratio:  $R=0.115$   $G=0.848$   $B=0.037$ 

Peak Wavelength: 0nm

Half Bandwidth: 22.0nm

Dominant Wavelength: 494.3nm

Color Purity: 0.075

CRI:  $R_i$ :  $R_a=71.4$  $R_1=71$  $R_2=71$  $R_3=68$  $R_4=78$  $R_5=73$  $R_6=62$  $R_7=80$  $R_8=68$  $R_9=-19$  $R_{10}=28$  $R_{11}=77$  $R_{12}=36$  $R_{13}=69$  $R_{14}=82$  $R_{15}=68$ 

### Photometric Parameters

Luminous Flux: 6416.4 lm

Efficiency: 108.02 lm/W

Radiant Power: 19.689 W

### Electric Parameters

Voltage: 230.10V

Current: 0.2700A

Power: 59.400W

Power Factor: 0.954

Frequency: 50.00Hz

#### Test Information

Scan Range: 380nm~800nm:1nm

Stabilization Time: 0 Min

Max of Signal: 45141 (4943)

Photometric Method:

Photometric Condition: Sphere diameter: 1.50m, 4 $\pi$ 

CCD Integration Time: 43.54 ms

Condition:

Test Lab: BAIDUAN HIGH TECH LED LIGHT LAB

Operator: HU BAOLIANG

Test Device: Inventfine CMS-2S

Test Time: 2014-03-27 11:59:03

Inspector: