

## Spectrum Test Report

### Product Information

Product Category: Led Tube Light  
Product Spec: AC175-260V 18W 6000K  
Submitted Unit:

Product Type: 4450-6  
Product Number: 494

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3108$   $y=0.3265$   $u(u')=0.1974$   $v=0.3111$   $v'=0.4667$

CCT:  $T_c=6632K$  ( $duv=0.00289$ )

Peak Wavelength: 0nm

Dominant Wavelength: 488.8nm

CRI:  $R_i$ :  $R_a=75.7$

Color Ratio:  $R=0.123$   $G=0.835$   $B=0.042$

Half Bandwidth: 22.0nm

Color Purity: 0.081

$R_1=77$

$R_2=75$

$R_3=71$

$R_4=83$

$R_5=78$

$R_6=67$

$R_7=83$

$R_8=72$

$R_9=-3$

$R_{10}=38$

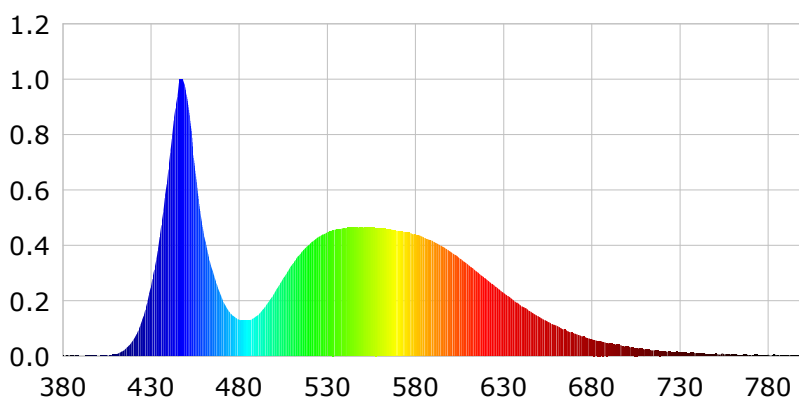
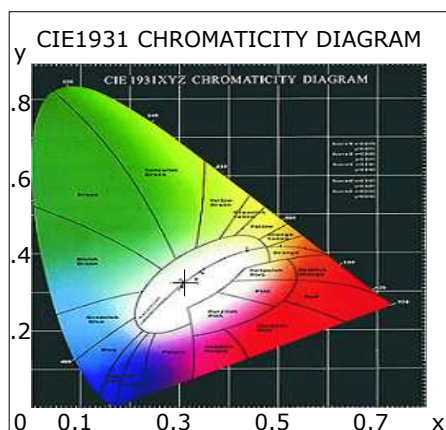
$R_{11}=83$

$R_{12}=41$

$R_{13}=75$

$R_{14}=84$

$R_{15}=74$



### Photometric Parameters

Luminous Flux: 1885.6 lm

Efficiency: 103.04 lm/W

Radiant Power: 5.917 W

### Electric Parameters

Voltage: 230.30V

Current: 0.1420A

Power: 18.300W

Power Factor: 0.556

Frequency: 50.00Hz

#### Test Information

Scan Range: 380nm~800nm:1nm

Stabilization Time: 0 Min

Max of Signal: 40481 (5886)

Photometric Method:

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

CCD Integration Time: 262.03 ms

Condition:

Test Lab: BAIDUAN HIGH TECH LED LIGHT LAB

Operator: Hu Baoliang

Test Device: Inventfine CMS-2S

Test Time: 2016-05-13 16:45:36

Inspector: