

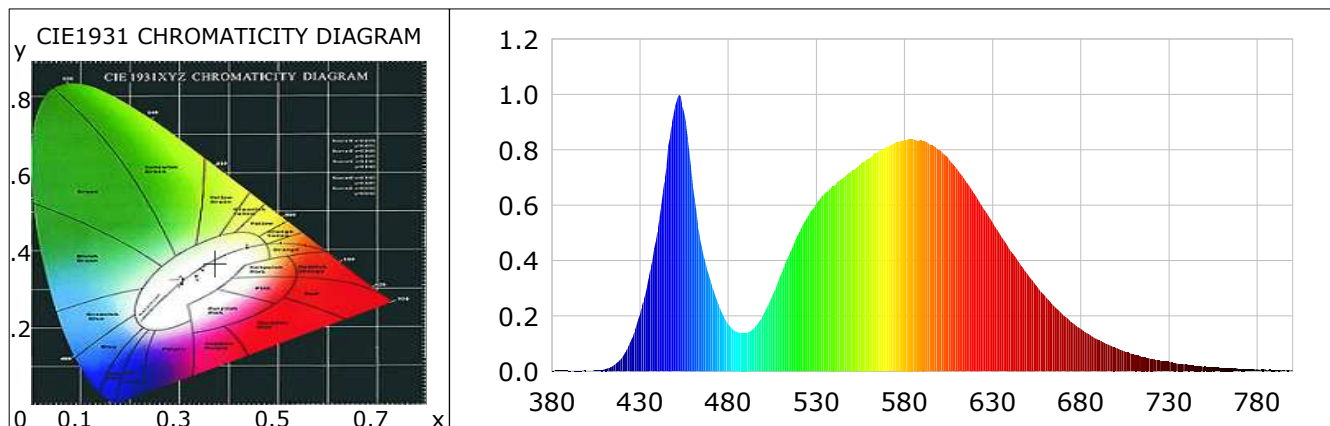
Spectrum Test Report

Product Information

Product Category: LED Project Light Product Type: BD2016042003003_es 4612-4
Product Spec: AC 220-240V 50W 4000lm 4500K Product Number: 546
Submitted Unit: Buyer:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3726$ $y=0.3683$ $u(u')=0.2233$ $v=0.3311$ $v'=0.4966$
CCT: $T_c=4162K$ ($duv=-0.00165$) Color Ratio: $R=0.167$ $G=0.805$ $B=0.028$
Peak Wavelength: 0nm Half Bandwidth: 23.8nm
Dominant Wavelength: 580.5nm Color Purity: 0.223
CRI: R_i : $R_a=73.7$
 $R_1=71$ $R_2=81$ $R_3=86$ $R_4=72$ $R_5=71$ $R_6=72$ $R_7=82$ $R_8=55$
 $R_9=-21$ $R_{10}=52$ $R_{11}=66$ $R_{12}=43$ $R_{13}=73$ $R_{14}=92$ $R_{15}=67$



Photometric Parameters

Luminous Flux: 4814.5 lm Efficiency: 95.72 lm/W Radiant Power: 14.094 W

Electric Parameters

Voltage: 231.10V Current: 0.2310A Power: 50.300W
Power Factor: 0.940 Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 Min
Max of Signal: 42498 (6004)

Photometric Method:
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 144.93 ms

Condition:
Test Lab: BAIDUAN HIGH TECH LED LIGHT LAB
Operator: Hu Baoliang

Test Device: Inventfine CMS-2S
Test Time: 2016-06-13 16:47:18
Inspector: