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# Lighting Measure Report

## Color Parameter

Chroma Coordinate:  $x=0.3106$   $y=0.3279$   $u=0.1968$   $v=0.3116$

Chroma Coordinate:  $u'=0.1968$   $v'=0.4674$

CCT.: CCT=6628K Dominant:  $d=488.6\text{nm}$  Barycenter:  $b=537\text{nm}$  Peak Wavelength:  $p=448.5\text{nm}$

FWHM: 28.95nm Purity:  $Pe=8.062\%$  Red Ratio:  $R=0.132$  Green Ratio:  $G=0.811$  Blue Ratio:  $B=0.056$

Color CRI.:  $Ra=83.57$

R 1=82 R 2=87 R 3=91 R 4=84 R 5=83 R 6=82 R 7=88

R 8=71 R 9=7 R 10=68 R 11=84 R 12=65 R 13=83 R 14=95

R 15=77

## Luminosity Parameter

Luminous Flux (380-780nm): 944.428lm Optical Power (380-780nm): 3.084W Efficient (380-780nm): 92.85lm/W

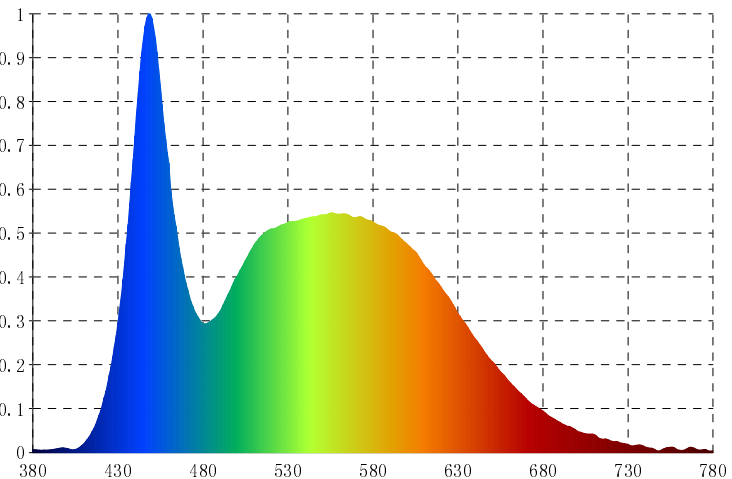
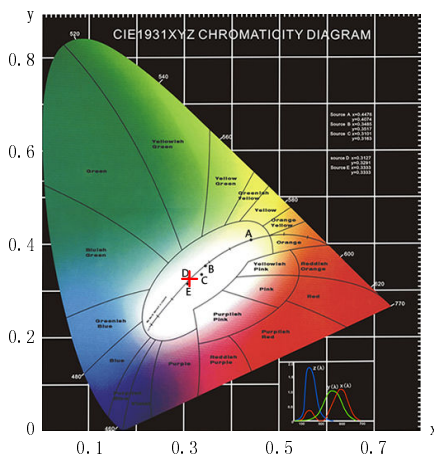
## Electric Parameter

Voltage:  $U=230\text{V}$  Current:  $I=46.59\text{mA}$  Power:  $P=10.17\text{W}$  PF:  $PF=0.9492$

## Device State

Wavelength Range: 380nm-780nm Wavelength Interval: 1nm

CIE1931 Chroma Figure



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## Debug

Sample No.: 4

Test Cond:  $Tg=24.2\text{Cels}$   $Ta=24.6\text{Cels}$   $RH=60\%$

Test Date: 2017-11-1

Product Category: LED

Measure Device: Volnic X10 Series CCD Spectrum System

Operator (Sign): Luo