

Light Source Test Report

Production Info

Product Spec: BA29-5029X G9 2.5W

Color Parameter

Chroma Coordinate: $x=0.3221$ $y=0.3394$ $u=0.2004$ $v=0.3168$

Chroma Coordinate: $u'=0.2004$ $v'=0.4752$

CCT.: CCT=6475K Dominant: $d=498.8\text{nm}$ Barycenter: $b=546\text{nm}$ Peak Wavelength: $p=453.8\text{nm}$

FWHM: 26.22nm Purity: $Pe=3.45\%$ Red Ratio: $R=0.144$ Green Ratio: $G=0.796$ Blue Ratio: $B=0.06$

Color CRI.: $Ra=86.66$

R 1=85

R 2=93

R 3=96

R 4=84

R 5=85

R 6=89

R 7=89

R 8=72

R 9=21

R10=82

R11=84

R12=65

R13=88

R14=98

R15=81

Luminosity Parameter

Luminous Flux(380-780nm): 232.828lm Optical Power(380-780nm): 0.786W Efficient(380-780nm): 129.3lm/W

Electric Parameter

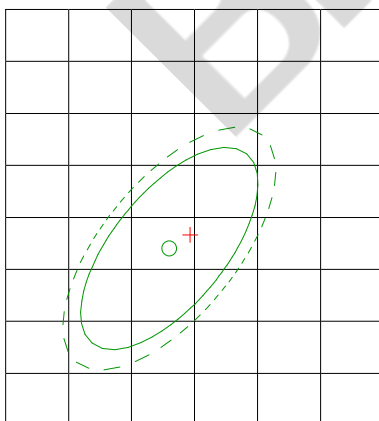
BA29-5029X G9 2.5W

Voltage: $U=230.3\text{V}$ Current: $I=9\text{mA}$ Power: $P=1.8\text{W}$ PF: $PF=0.809$

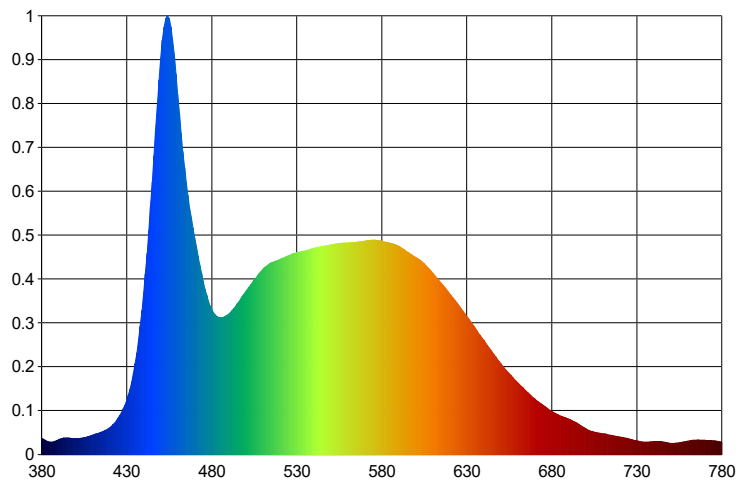
Device State

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

SDCM: 1.5 SDCM



$x=0.313$ $y=0.337$ IEC6500K



Product Model: BA29-50293

Sample No.: 1

Test Cond: $T_g=24.2\text{Cels}$ $T_a=24.6\text{Cels}$ $RH=60\%$

Test Date: 2018-5-3

Manufacturer: Volnic

Product Category: Product Category

Measure Device: Volnic X10 Series CCD Spectrum System

Operator(Sign): _____