

Light Source Test Report

Production Info

Product Spec: BA35-00410 4W FILAMENT
 BA36-00410 4W FILAMENT
 BA37-004XX 4W FILAMENT

Color Parameter

Chroma Coordinate: $x=0.4529$ $y=0.4036$ $u=0.2611$ $v=0.3491$

Chroma Coordinate: $u'=0.2611$ $v'=0.5236$

CCT.: CCT=2745K Dominant: $d=585.2\text{nm}$ Barycenter: $b=595\text{nm}$ Peak Wavelength: $p=605.7\text{nm}$

FWHM: 111.1nm Purity: $Pe=56.92\%$ Red Ratio: $R=0.249$ Green Ratio: $G=0.722$ Blue Ratio: $B=0.029$

Color CRI.: $Ra=82.7$

R 1=83	R 2=96	R 3=90	R 4=79	R 5=84	R 6=96	R 7=78
R 8=56	R 9=8	R10=90	R11=79	R12=85	R13=86	R14=95
R15=74						

Luminosity Parameter

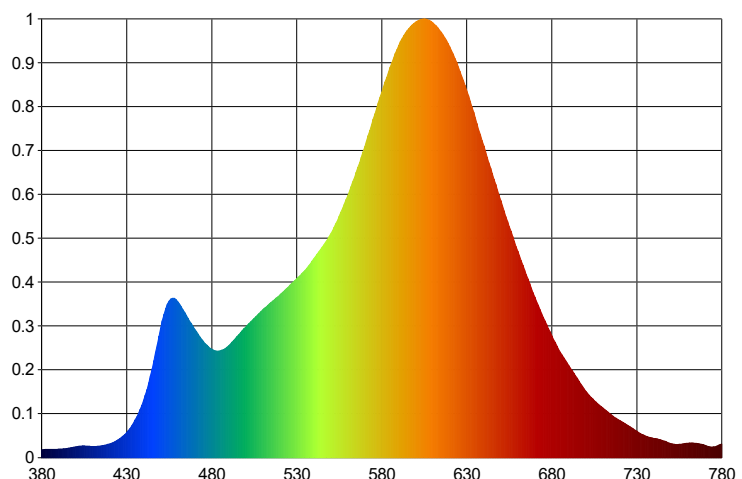
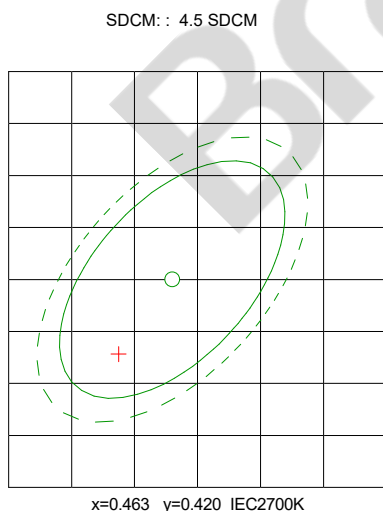
Luminous Flux(380-780nm): 429.413lm Optical Power(380-780nm): 1.371W Efficient(380-780nm): 107.4lm/W

Electric Parameter

Voltage: $U=229.9\text{V}$ Current: $I=37\text{mA}$ Power: $P=4\text{W}$ PF: $PF=0.468$

Device State

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



Product Model: BA35-00410

Sample No.: 1

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

Test Date: 2018-5-3

Manufacturer: Volnic

Product Category: Product Category

Measure Device: Volnic X10 Series CCD Spectrum System

Operator(Sign): _____