



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4398$ $y=0.3976$ $u=0.2553$ $v=0.3461$ $Duv=0.0029$

Chroma Coordinate: $u'=0.2553$ $v'=0.5192$

CCT.: CCT=2898K Dominant: $d=583.8nm$ Barycenter: $b=608nm$ Peak Wavelength: $p=630.8nm$

FWHM: 164.1nm Purity: $Pe=51.49\%$ Red Ratio: $R=0.261$ Green Ratio: $G=0.709$ Blue Ratio: $B=0.03$

Color CRI.: $Ra=97.26$ $AvgR(1\sim14)=96.64$ $AvgR(1\sim15)=96.8$

R 1=99	R 2=99	R 3=98	R 4=96	R 5=98	R 6=97	R 7=97
R 8=96	R 9=90	R10=99	R11=93	R12=95	R13=98	R14=98
R15=99						

GAI: $GAI_EES=61.22$, $GAI_BB8=112.1$, $GAI_BB15=112.1$

Luminosity Parameter

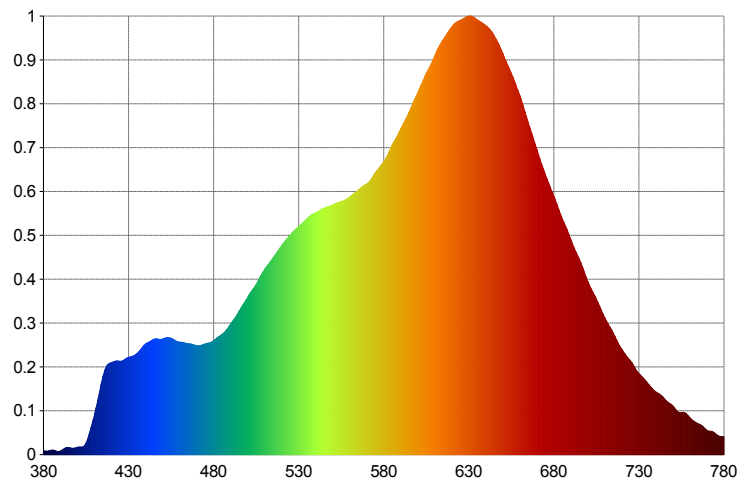
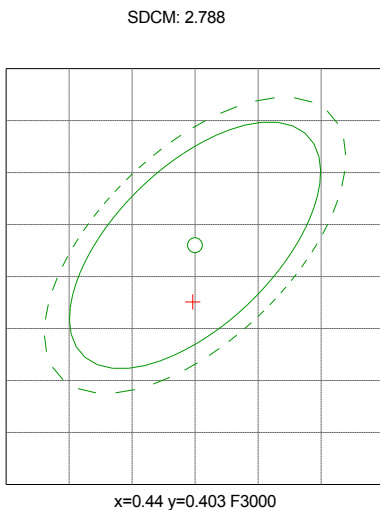
Luminous Flux(380-780nm): 287.347lm Optical Power(380-780nm): 1.1W Efficient(380-780nm): 59.22lm/W

Electric Parameter

Voltage: $U=230.7V$ Current: $I=38mA$ Power: $P=4.852W$ PF: $PF=0.548$

Device State

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



Product Model: C37-5W-3000K-E14-1
 Sample No.: 1
 Test Cond:
 Test Date: 2019-10-21

Manufacturer: Volnic
 Product Category: LED
 Measure Device: Volnic X-10 Series CCD Spectrum System
 Operator(Sign): _____