

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.5471$ $y=0.4481$ $u=0.3005$ $v=0.3692$ $Duv=0.0105$

Chroma Coordinate: $u'=0.3005$ $v'=0.5537$

CCT.: CCT=2044K Dominant: $d=586.1\text{nm}$ Barycenter: $b=601\text{nm}$ Peak Wavelength: $p=591.9\text{nm}$

FWHM: 84.23nm Purity: $Pe=98.56\%$ Red Ratio: $R=0.26$ Green Ratio: $G=0.74$ Blue Ratio: $B=0$

Color CRI.: $Ra=42.34$

R 1=33	R 2=65	R 3=87	R 4=21	R 5=25	R 6=45	R 7=63
R 8=1	R 9=-110	R 10=26	R 11=-7	R 12=-7	R 13=35	R 14=93
R 15=27						

Luminosity Parameter

Luminous Flux(380-780nm): 510.468lm Optical Power(380-780nm): 1.31W Efficient(380-780nm): 41.06lm/W

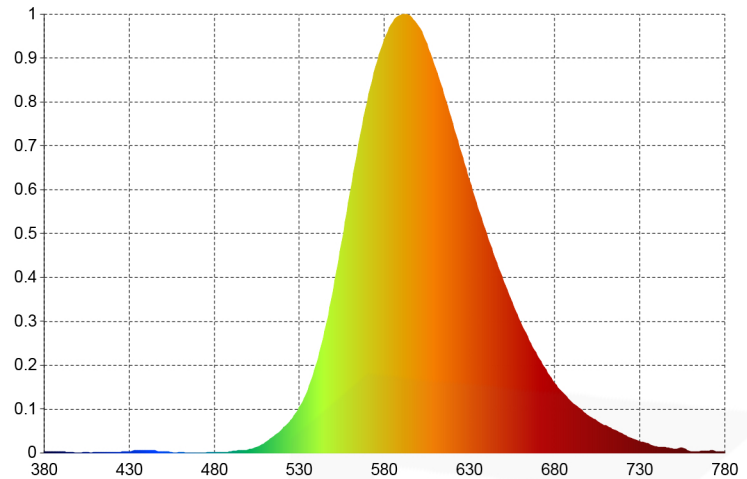
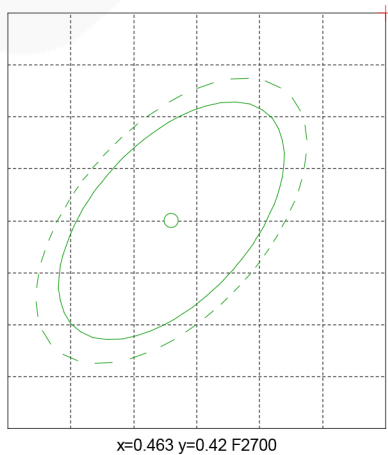
Electric Parameter

Voltage: $U=24\text{V}$ Current: $I=518\text{mA}$ Power: $P=12.43\text{W}$ PF: $PF=1$

Device State

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

SDCM: 49.46



Product Model: 30-SY

Sample No.: 1

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

Test Date: 2019-12-25

Manufacturer: 0

Product Category: 30-SY

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____