

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3148$ $y=0.3376$ $u=0.1961$ $v=0.3154$ $Duv=0.0066$

Chroma Coordinate: $u'=0.1961$ $v'=0.4732$

CCT.: CCT=6340K Dominant: $d=494.7nm$ Barycenter: $b=541nm$ Peak Wavelength: $p=453.3nm$

FWHM: 22.6nm Purity: $Pe=5.957\%$ Red Ratio: $R=0.133$ Green Ratio: $G=0.81$ Blue Ratio: $B=0.057$

Color CRI.: $Ra=83.44$

R 1=81	R 2=89	R 3=93	R 4=81	R 5=81	R 6=84	R 7=89
R 8=69	R 9=6	R10=72	R11=80	R12=57	R13=84	R14=97
R15=76						

Luminosity Parameter

Luminous Flux(380-780nm): 297.542lm Optical Power(380-780nm): 0.95W Efficient(380-780nm): 85.38lm/W

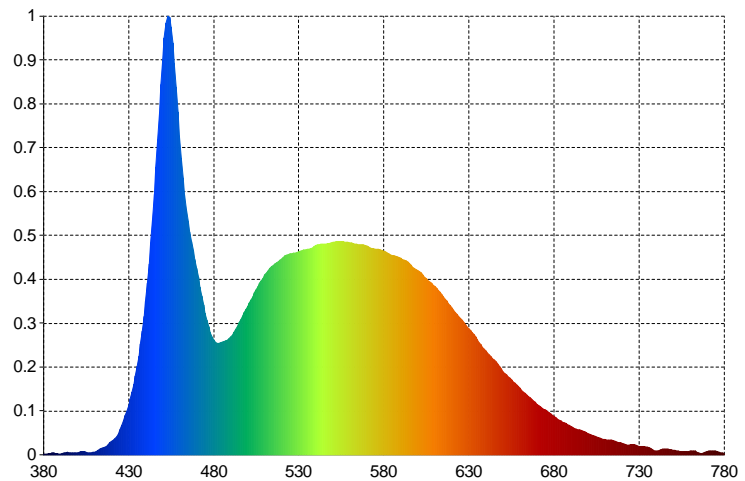
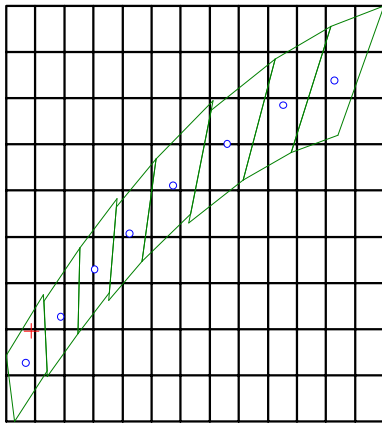
Electric Parameter

Voltage: $U=13.2V$ Current: $I=264mA$ Power: $P=3.485W$ PF: PF=1

Device State

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

CLASS:ANSI_6500K



Product Model: EL13-WY

Sample No.: 1

Test Cond: $Tg=24.2Cels$ $Ta=24.6Cels$ RH=60%

Test Date: 2024-5-20

Manufacturer: 0

Product Category: EL13-W

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____