



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4374$ $y=0.4051$ $u=0.2504$ $v=0.3479$

Chroma Coordinate: $u'=0.2504$ $v'=0.5219$

CCT.: CCT=3000K Dominant: $d=583.2\text{nm}$ Barycenter: $b=604\text{nm}$ Peak Wavelength: $p=628.3\text{nm}$

FWHM: 165.8nm Purity: $Pe=52.79\%$ Red Ratio: $R=0.24$ Green Ratio: $G=0.738$ Blue Ratio: $B=0.022$

Color CRI.: $Ra=90.77$

R 1=92	R 2=93	R 3=91	R 4=92	R 5=90	R 6=89	R 7=94
R 8=86	R 9=64	R10=80	R11=91	R12=73	R13=92	R14=94
R15=90						

Luminosity Parameter

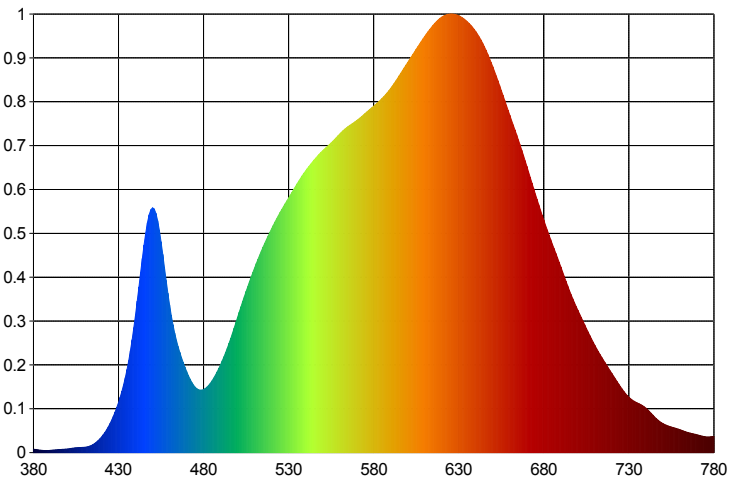
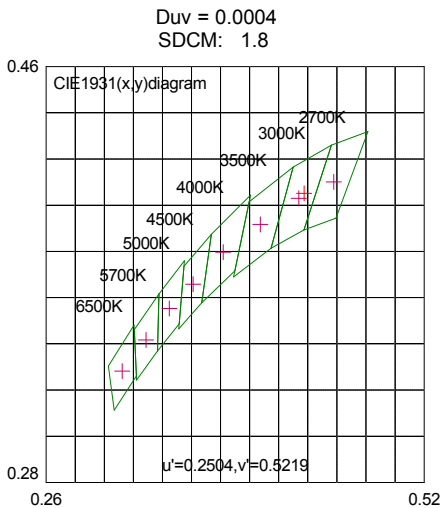
Luminous Flux(380-780nm): 1503.63lm Optical Power(380-780nm): 5.274W Efficient(380-780nm): 74.99lm/W

Electric Parameter

Voltage: $U=221.4\text{V}$ Current: $I=93\text{mA}$ Power: $P=20.05\text{W}$ PF: $PF=0.968$

Device State

Wavelength Range: $380\text{nm}-780\text{nm}$ Wavelength Interval: 1nm



Product Model: AD10104-20W-3000K-RA90-60D-WH-ZFQ Manufacturer: 1

Sample No.: 1

Product Category: LED

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

Measure Device: Volnic X10 Series CCD Spectrum System

Test Date: 2022-11-2

Operator(Sign): _____