

## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.3918$   $y=0.3805$   $u=0.2311$   $v=0.3366$

Chroma Coordinate:  $u'=0.2311$   $v'=0.5049$

CCT.: CCT=3731K Dominant:  $\lambda_d=581.2\text{nm}$  Barycenter:  $\lambda_b=576\text{nm}$  Peak Wavelength:  $\lambda_p=598.2\text{nm}$

FWHM:  $\Delta\lambda=149.1\text{nm}$  Purity:  $P_e=31.75\%$  Red Ratio:  $R=0.198$  Green Ratio:  $G=0.762$  Blue Ratio:  $B=0.04$

Color CRI.:  $R_a=85.76$

R 1=85

R 2=94

R 3=95

R 4=82

R 5=85

R 6=91

R 7=84

R 8=66

R 9=22

R10=85

R11=81

R12=68

R13=88

R14=98

R15=79

### Luminosity Parameter

Luminous Flux(380-780nm):960.03lm Optical Power(380-780nm):2.936W Efficient(380-780nm):98.85lm/W

Mesopic Flux: (MES2)=1166.8lm (MES1)=1166.8lm (USP)=1338.2lm (MOVE)=1202lm

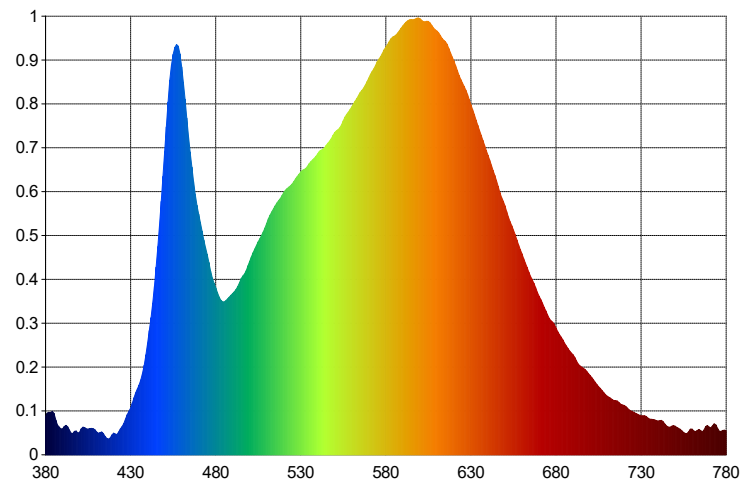
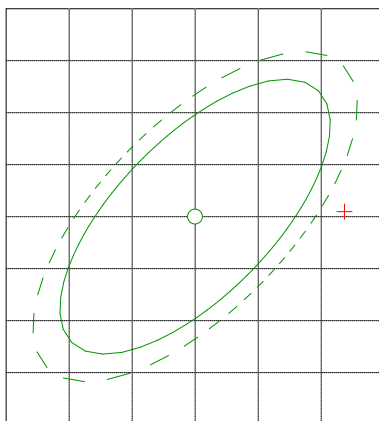
### Electric Parameter

Voltage:  $U=239.9\text{V}$  Current:  $I=44\text{mA}$  Power:  $P=9.712\text{W}$  PF:  $PF=0.915$

### Device State

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

SDCM: : 7.3 SDCM



### Debug

Model: DL38-10-PR-01 4000K RA80 120D

Test Cond:  $T_g=24.2\text{Cels}$   $T_a=24.6\text{Cels}$   $RH=60\%$

Test Date: 2018-12-21

Manufacturer: Shenzhen Norming Lighting Co.,Lt

Measure Device: Volnic X-8 CCD Spectrum System

Operator(Sign): MO YAN FEI