

# MEASUREFINE

# Light Color Test Report

MS-24741 WH  
Solar Street Light 300W WH 6500K  
Test Report

## CIE Color Parameter

Chromaticity coordinates:  $x=0.3025$   $y=0.3124$   $u=0.1969$   $v=0.3051$   $u^*=0.1969$   $v^*=0.4577$

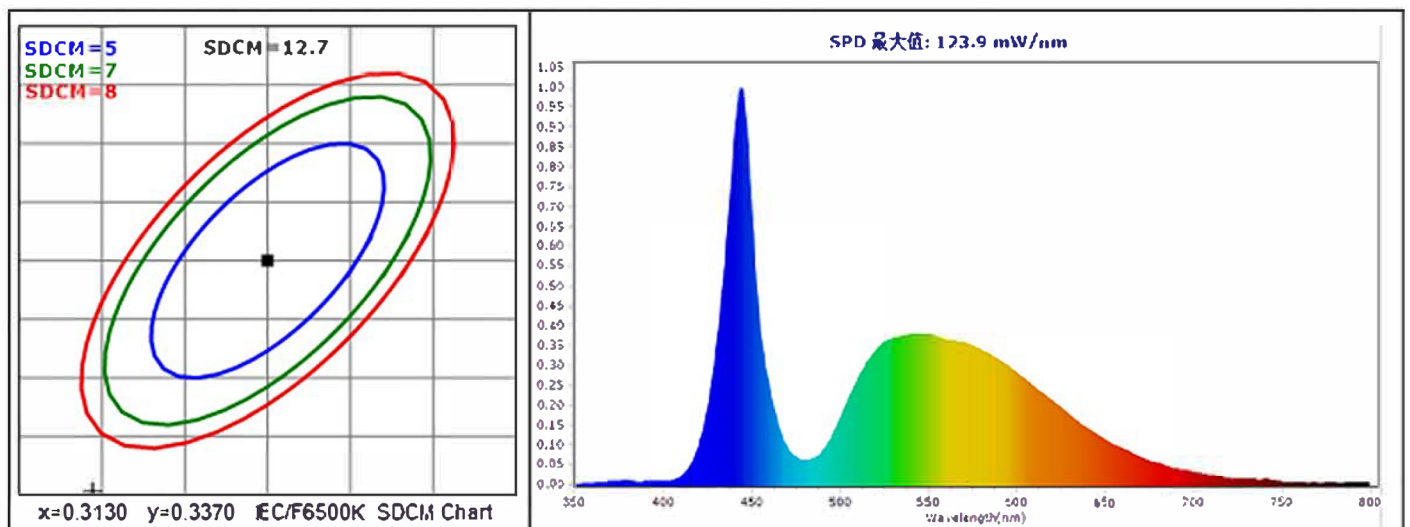
Color temperature: 7314 K (duv=-0.00008) Color difference: SDCM(IEC/F6500)=12.7 Main W:  $\lambda_d=482.2$  nm Purity: 0.392

Peak wavelength:  $\lambda_p=444.1$  FWHM:  $\Delta\lambda_p=19.1$  nm Color ratio: R=0.130 G=0.837 B=0.033

Color rendering index: Ra=71.04 Color Fidelity: Rf=71.48 Color Gamut: Rg=95.19 GAI=91.97

R1=73.0 R2=72.0 R3=69.7 R4=73.6 R5=74.6 R6=63.9 R7=76.0 R8=65.5

R9=-16.3 R10=32.5 R11=76.0 R12=44.7 R13=71.3 R14=82.9 R15=68.8



## Optical Parameter

Luminous flux: 2782.87 lm

luminous efficiency: lm/w

Radiant flux: 9.097 W

Energy efficiency index(EEI):

Energy efficiency class:

MOVE=2913.443 MES1=2559.611

## Electrical Parameter

Voltage(V): 0.00

Current(A): 0.0000

Watte(W): 0.000

Power factor: 0.0000

## Test Information

Temperature :Deg C

Humidity :

Test range :350-800nm: 1nm

Peak AD. :41932 (64.0%)

Preheat time :0(min)

Integral time. :31.05 (ms)