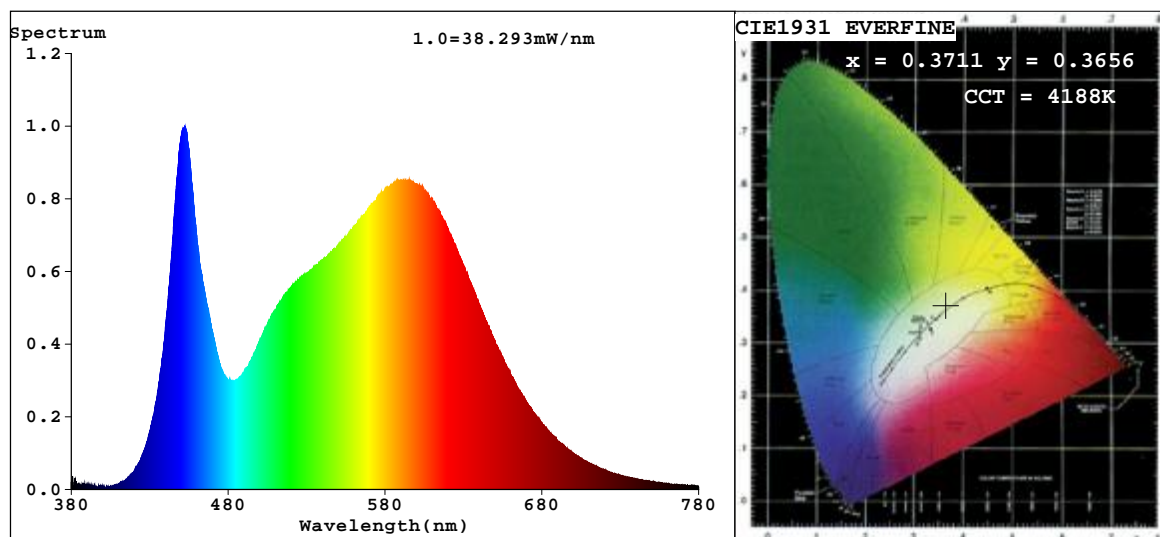


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3711$   $y=0.3656$  /  $u'=0.2234$   $v'=0.4952$   
 CCT=4188K (Duv=-0.0025) Dominant WL:Ld =580.0nm Purity=21.1%  
 Ratio:R=18.0% G=77.9% B=4.1% Peak WL:Lp=452.5nm FWHM=25.9nm  
 Render Index:Ra=83.7  
 R1 =82 R2 =91 R3 =95 R4 =82 R5 =83 R6 =86 R7 =85  
 R8 =65 R9 =10 R10=78 R11=81 R12=65 R13=85 R14=98 R15=77

**Photo Parameters:**

Flux = 1868 lm Eff. : 101.58 lm/W Fe = 5.763 W Scotopic:3300.7 S/P:1.7672  
 Photosynthetic:PPF:26.204umol/m2/s PAR WATT:5643.2mW/m2(400-700nm)

**Electrical parameters:**

V = 23.998 V I = 0.7662 A P = 18.39 W PF = 1.000  
 LEVEL:OUT WHITE:ANSI\_4000K

Status: Integral T = 93 ms Ip = 38599 (59%)

Model:2835 120LED 24V 18W 4000K Number:937  
 Tester: Date:2017-03-31  
 Temperature:26Deg Humidity:65%  
 Manufacturer:RISINGSUN Remarks:75R 82R 0347 3.2-3.3V