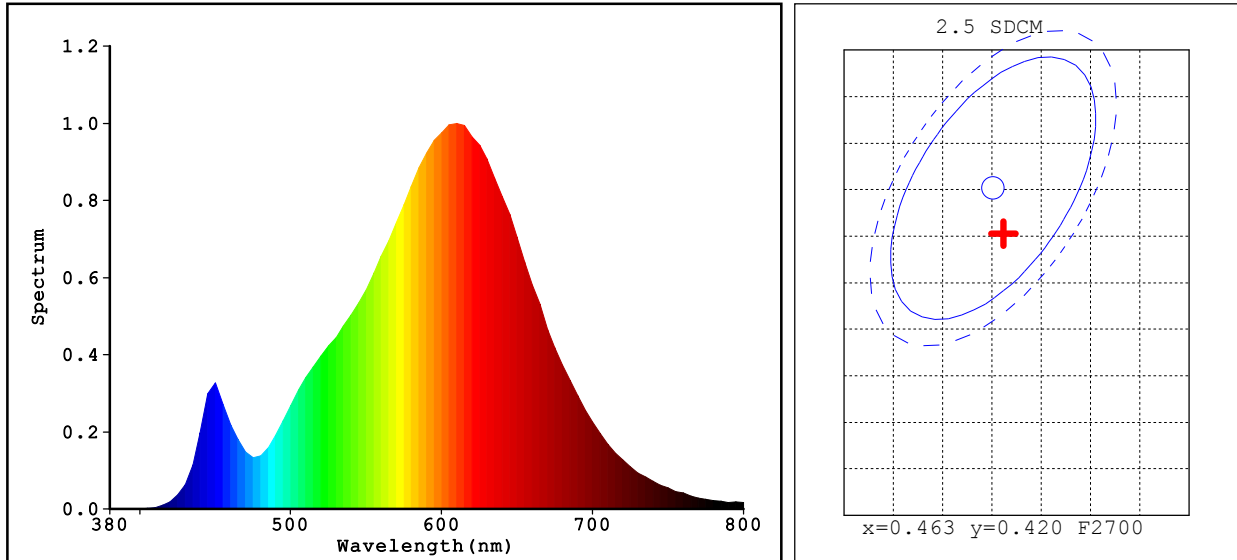


**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4639$   $y=0.4160$   
 Chromaticity Coordinate:  $u'=0.2627$   $v'=0.5300$  ( $duv=1.64e-03$ )  
 Tc=2686K Dominant WL:Ld=583.8nm Purity=64.1% Centroid WL:600.0nm  
 Ratio:R=26.9% G=71.4% B=1.8% Peak WL:Lp=610.0nm HWL:127.8nm  
 Render Index:Ra=83.0  
 R1 =81 R2 =90 R3 =98 R4 =81 R5 =81 R6 =88 R7 =84  
 R8 =62 R9 =15 R10=78 R11=80 R12=72 R13=83 R14=99 R15=74

**Photo Parameters:**

Flux: 421.88 lm Fe: 1.3434 W Efficacy:31.01 lm/W

**Electrical Parameters:**

Luminaire: U=229.41V I=0.06542A P=13.60W PF=0.9065

*Instrument Status:*

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  $I_p=42742$  (G=6,D=54)  
 REF=6137(R=4) %=-0.132% PMT: 16.6 centigrade [15.5]

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Product Type:GL19304-A  
 Number:633  
 Temperature:25.3 deg  
 Test Operator:  
 Software:V3.00.138

Manufacturer:  
 Test Department:c  
 Humidity:65.0%  
 Test Date:  
 Instrument:PMS-80\_V1 (SN:1002014)