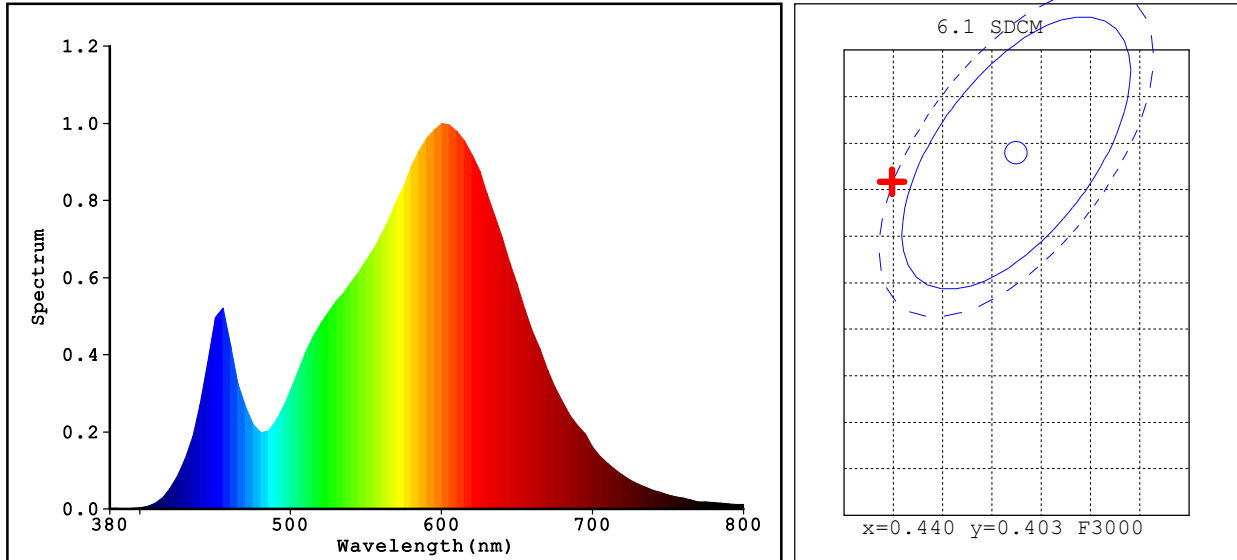


**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4292$   $y=0.4005$   
 Chromaticity Coordinate:  $u'=0.2471$   $v'=0.5188$  ( $duv=-2.95e-04$ )  
 Tc=3105K Dominant WL:Ld=582.5nm Purity=49.0% Centroid WL:587.0nm  
 Ratio:R=23.9% G=73.7% B=2.3% Peak WL:Lp=600.0nm HWL:133.6nm  
 Render Index:Ra=82.3  
 R1 =81 R2 =90 R3 =97 R4 =80 R5 =80 R6 =87 R7 =84  
 R8 =60 R9 =7 R10=77 R11=79 R12=69 R13=83 R14=98 R15=74

**Photo Parameters:**

Flux: 916.93 lm Fe: 2.8002 W Efficacy:72.13 lm/W

**Electrical Parameters:**

Luminaire: U=229.50V I=0.05888A P=12.71W PF=0.9406

*Instrument Status:*

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  $I_p=21761$  (G=5,D=58)  
 REF=15288 (R=4)  $\%=-0.269\%$  PMT: 23.9 centigrade [24.9]

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Product Type:GL19102  
 Number:651  
 Temperature:25.3 deg  
 Test Operator:cai  
 Software:V3.00.138

Manufacturer:ESPL  
 Test Department:ESPL  
 Humidity:65.0%  
 Test Date:2019-05-06 15:03:51  
 Instrument:PMS-80\_V1 (SN:1002014)