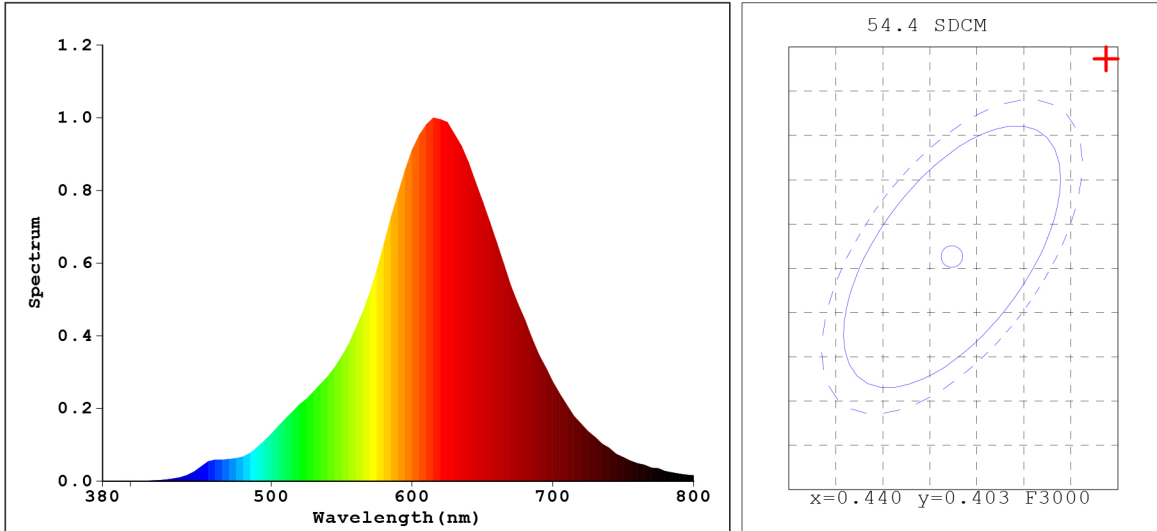


**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.5364$   $y=0.4237$   
 Chromaticity Coordinate:  $u'=0.3060$   $v'=0.5439$  ( $duv=3.42e-03$ )  
 Tc=1985K Dominant WL:Ld=588.0nm Purity=88.2% Centroid WL:618.0nm  
 Ratio:R=35.5% G=63.5% B=0.9% Peak WL:Lp=615.0nm HWL:105.8nm  
 Render Index:Ra=80.6  
 R1 =79 R2 =91 R3 =93 R4 =77 R5 =79 R6 =93 R7 =80  
 R8 =54 R9 =8 R10=82 R11=77 R12=81 R13=81 R14=97 R15=70

**Photo Parameters:**

Flux: 977.20 lm Fe: 3.4632 W Efficacy:81.33 lm/W

**Electrical Parameters:**

Luminaire: U=230.21V I=0.09478A P=12.02W PF=0.5507

*Instrument Status:*

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  $I_p=20086$  (G=5,D=44)  
 REF=36043 (R=3)  $\%=-0.272\%$  PMT: 17.9 centigrade [150.0]

Product Type:LLKFIL12WE27EWWA  
 Number:LLGU00000000054  
 Temperature:25.3 deg  
 Test Operator:MARTIN  
 Software:V3.00.137

Manufacturer:  
 Test Department:  
 Humidity:65.0%  
 Test Date:2020-01-09 15:26:44  
 Instrument:PMS-80\_V1 (SN:G107113CJ6321130)