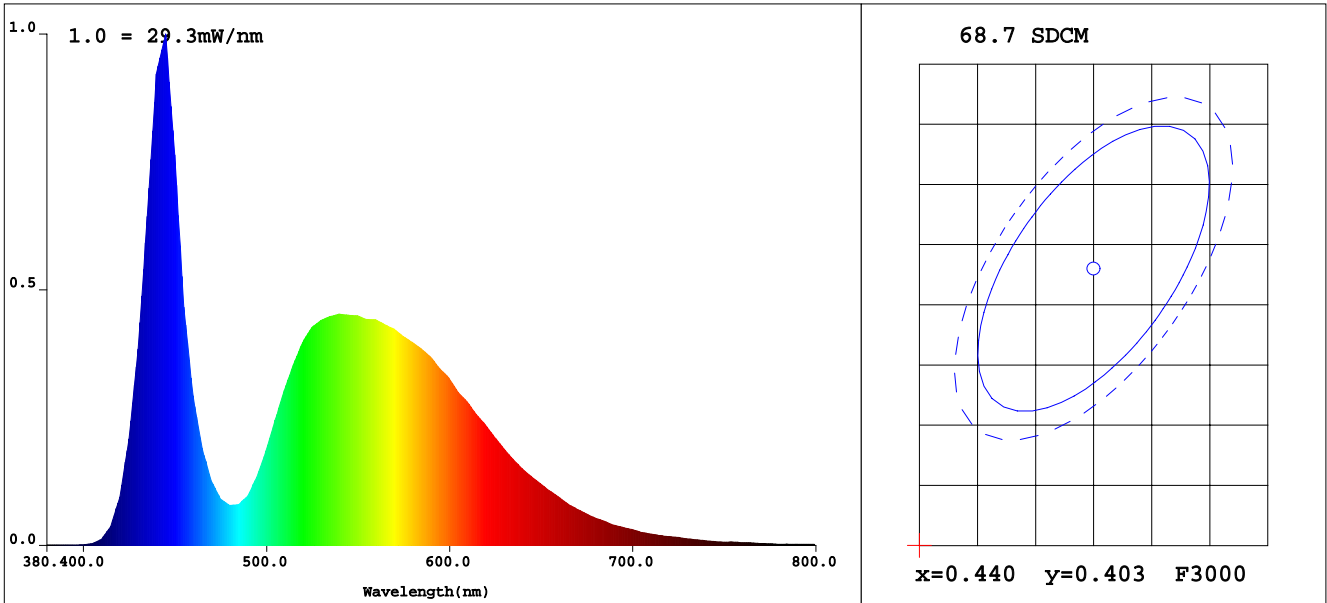


### Light Source Test Report



**CIE Color Parameters:**

Chromaticity Coordinate: x=0.3041 y=0.3219/u=0.1945 v=0.3088 (duv=3.98e-003)

CCT:Tc= 7073K Prcp WaveL:  $\lambda_c$ =486.5nm Purity=10.8%

Peak WaveL:  $\lambda_p$ =445nm Half Width:  $\Delta\lambda$ 22.2nm Ratio:R=11.3% G=85.1% B=3.6%

Average Wave: 536nm

Rendering Index:Ra=68.7

R1 =68 R2 =70 R3 =71 R4 =71 R5 =70 R6 =63 R7 =76 R8 =60  
 R9 =-36 R10=29 R11=72 R12=42 R13=67 R14=84 R15=62

**Photo Parameters:**

Flux:  $\Phi_v$ =772.61(lm) Luminous Efficacy: 65.92(lm/W) Luminous Power:P=2.432(W)

**Electrical Parameters:**

U=240.0V I=0.0536A P=11.72W PF=0.910

**Instrument Status:**

Scan Range:380.0nm-800.0nm Interval:5.0nm Ip = 21058(G=3,D=55)  
 REF = 19102 % = -0.074% TMP(PMT) = 26.9degrees centigrade

Product Type:LED 12W 2D 240V  
 Instrument:PMS-50 System  
 Temperature:27.0deg  
 Test Operator:XDS

Manufacturer: MICATRON  
 Test Department:CEL LAB  
 Humidity:65.0%  
 Test Date:2010-07-22 11:05