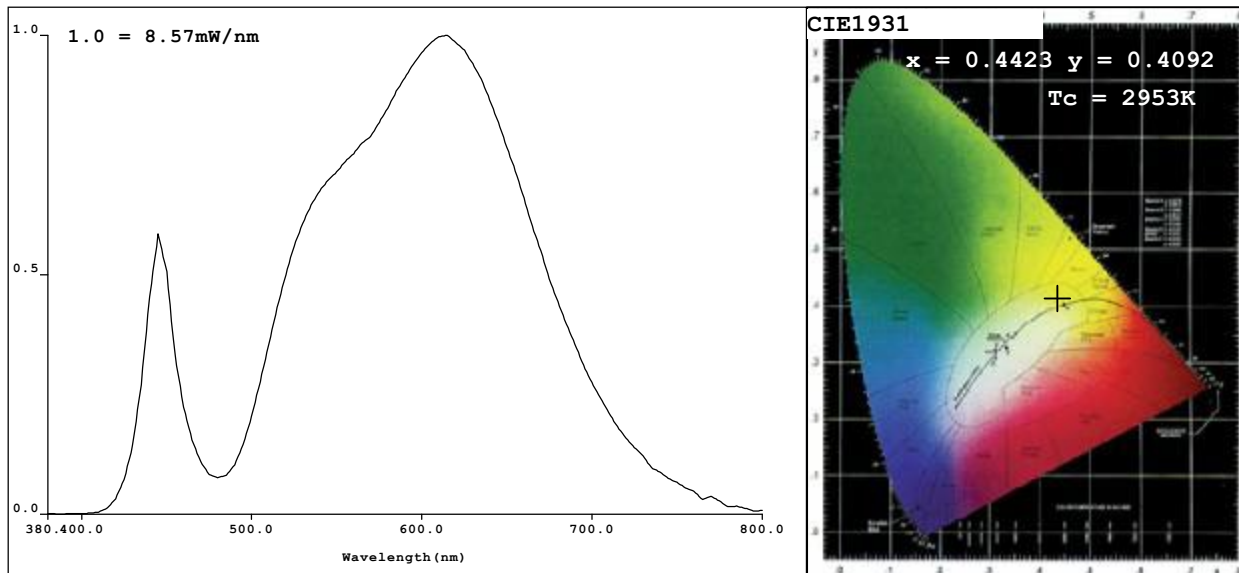


Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4423$ $y=0.4092$ / $u=0.2518$ $v=0.3495$ ($duv=1.31e-$)
 CCT: $T_c = 2953K$ Prcp WaveL: $\lambda_d = 582.6nm$ Purity = 55.6%
 Peak WaveL: $\lambda_p = 615nm$ Half Width: $\Delta\lambda_p = 154.2nm$ Ratio: R=23.3% G=75.2% B=1.5%
 Average Wave: 598nm CLASS: OUT
 Rendering Index: $R_a = 82.0$
 R1 =83 R2 =86 R3 =86 R4 =83 R5 =80 R6 =79 R7 =88 R8 =72
 R9 =30 R10=64 R11=81 R12=55 R13=83 R14=91 R15=79

Photo Parameters:

Flux: $\Phi = 440.92(lm)$ Luminous Efficacy: 74.34(lm/W) Luminous Power: $P = 1.418(W)$

Electrical Parameters:

U=221.6V I=0.0287A P=5.931W PF=0.932

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm Ip = 1082(G=2,D=51)
 REF = 9240 % = -0.427% TMP(PMT) = 22.5degrees centigrade

Product Type: G24D 5W 3000K
 Instrument: PMS-50 System
 Temperature: 19.4deg Test
 Operator: LED

Manufacturer:
 Test Department: LED
 Humidity: 65.0%
 Test Date: 2014-01-17 16:20