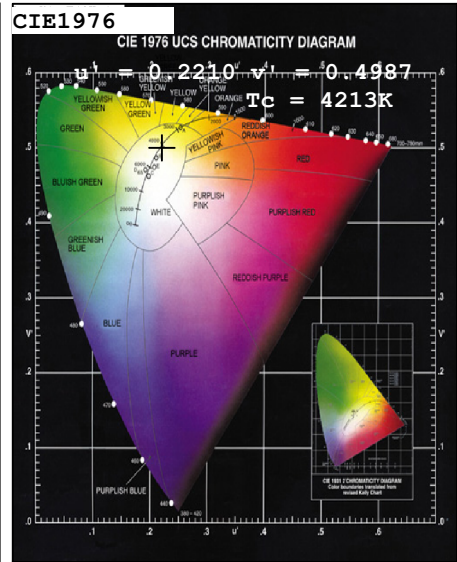
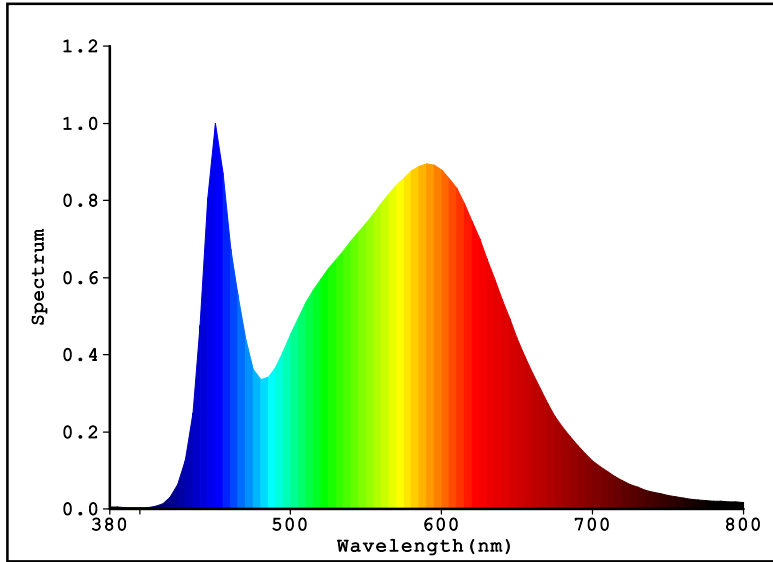


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3720$ $y=0.3730$
 Chromaticity Coordinate: $u'=0.2210$ $v'=0.4987$ ($duv=8.10e-04$)
 $T_c=4213K$ Dominant WL: $L_d=577.7nm$ Purity= 23.6% Centroid WL: $567.0nm$
 Ratio: $R=19.0\%$ $G=77.3\%$ $B=3.7\%$ Peak WL: $L_p=450.0nm$ HWL: $27.2nm$
 Render Index: $R_a=82.8$
 $R1 = 81$ $R2 = 90$ $R3 = 95$ $R4 = 81$ $R5 = 81$ $R6 = 85$ $R7 = 86$
 $R8 = 64$ $R9 = 7$ $R10=75$ $R11=79$ $R12=61$ $R13=83$ $R14=98$ $R15=75$

Photo Parameters:

Flux: 2346.0 lm $F_e: 7.2270$ W Efficacy: 118.2 lm/W

Electrical Parameters:

Luminaire: $U=230.5V$ $I=0.08866A$ $P=19.85W$ $PF=0.9711$

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$ $I_p=14281$ ($G=3, D=51$)
 $REF=14406$ ($R=3$) $\% = 0.175\%$ $PMT: 19.8$ centigrade [20.1]

Product Type: L07G
 Number: L07G2040K600-1082835R8
 Temperature: 25.3 deg
 Test Operator: QC
 Software: V2.00.125

Manufacturer: ERVAN
 Test Department: ERVAN
 Humidity: 65.0%
 Test Date: 2014-01-17 09:31:43
 Instrument: PMS-80_V1 (SN:1004010)