Spectrophotocolorimeter Test Report

Light Source Test Report

Color Parameters:
Chromaticity Coordinate: x = 0.3122  y = 0.3322
Chromaticity Coordinate: u' = 0.1963  v' = 0.4699 (duv = 5.05e-03)
Tc = 6509K  Dominant WL: Ld = 491.0nm  Purity = 7.2%  Centroid WL: 536.0nm
Ratio: R = 12.8%  G = 83.7%  B = 3.5%  Peak WL: Lp = 440.0nm  HWL: 23.1nm
Render Index: Ra = 70.1  CRI = 59.7
R1 = 68  R2 = 72  R3 = 78  R4 = 72  R5 = 71  R6 = 67  R7 = 76
R8 = 56  R9 = -44  R10 = 37  R11 = 74  R12 = 54  R13 = 67  R14 = 88  R15 = 59

Photo Parameters:
Flux: 824.16 lm  Fe: 2.6069 W  Efficacy: 106.0 lm/W

Electrical Parameters:
Lamp: U = 23.998V  I = 0.3239A  P = 7.773W  PF = 1.000

Instrument Status:
Scan Range: 380.0nm - 800.0nm  Interval: 5.0nm [0]  Ip = 47045 (G = 4, D = 54)
REF = 15504 (R = 3)  $\% = 0.220\%$  PMT: 32.7 centigrade [150.0]