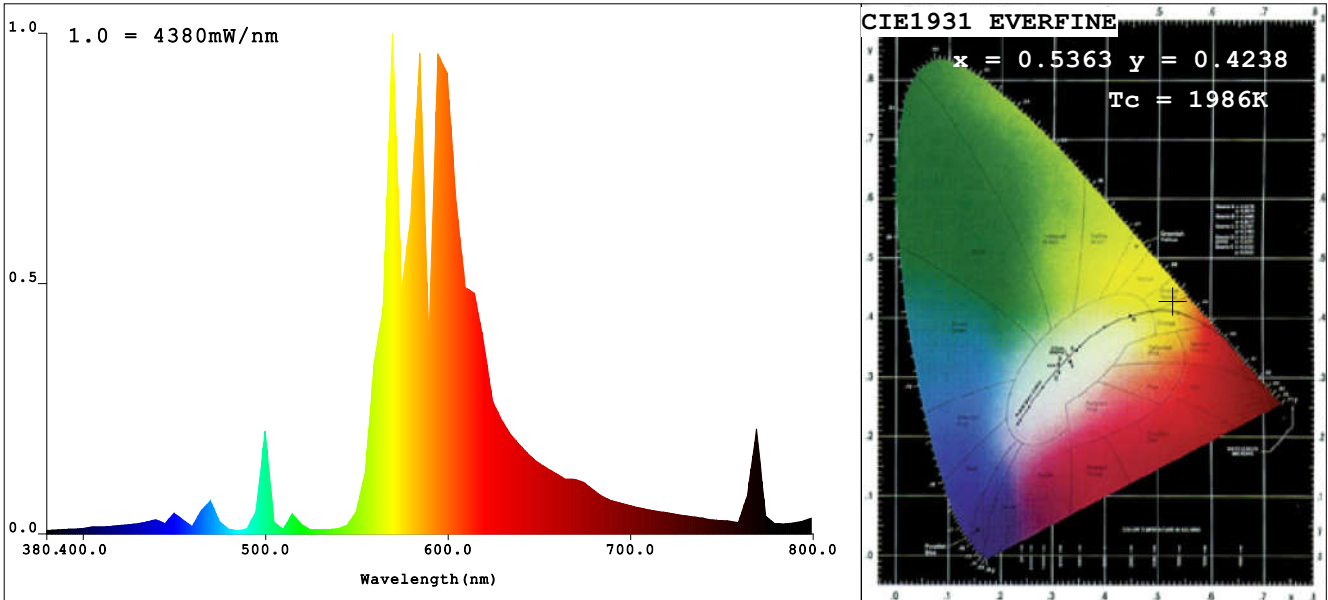


Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.5363$ $y=0.4238$ $u=0.3059$ $v=0.3626$
 CCT: $T_c=1986K$ Prcp WaveL: $\lambda_d=588.0nm$ Purity=88.2%
 Peak WaveL: $\lambda_p=570nm$ Half Width: $\Delta\lambda_p=18.7nm$ Ratio: R=24.1% G=75.1% B=0.9%
 Average Wave: 597nm
 Rendering Index: Ra=19.2
 R1 =9 R2 =61 R3 =57 R4 =-13 R5 =4 R6 =45 R7 =36 R8 =-47
 R9 =-198 R10=36 R11=-45 R12=12 R13=14 R14=72 R15=-0

Photo Parameters:

Flux: $\Phi=90331(lm)$ Luminous efficacy: 152.97(lm/W) Luminous Power: P=265.3(W)

Electrical Parameters:

U=179.0V I=3.340A P=590.5W PF=0.987

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm Ip = 19364
 REF = 17106 % = 0.018% TMP(PMT) = 30.6degrees centigrade

HELLION BALLAST

PAR=1214umol/s

Product Type: HPS600W DE
 Instrument: PMS-50 System
 Temperature: 35.1deg
 Test Operator: zhj

Manufacturer: precision products
 Test Department: precision products
 Humidity: 65.0%
 Test Date: 2017-06-05