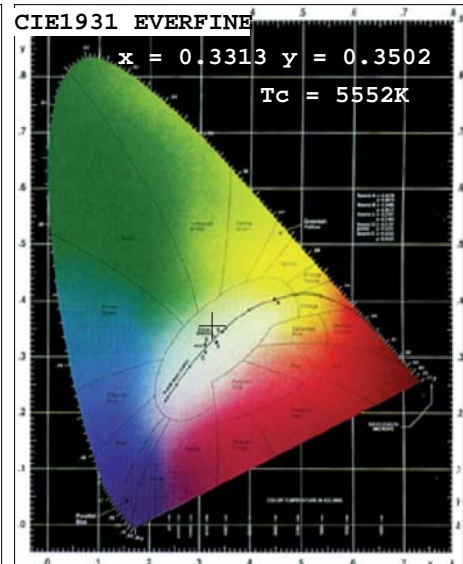
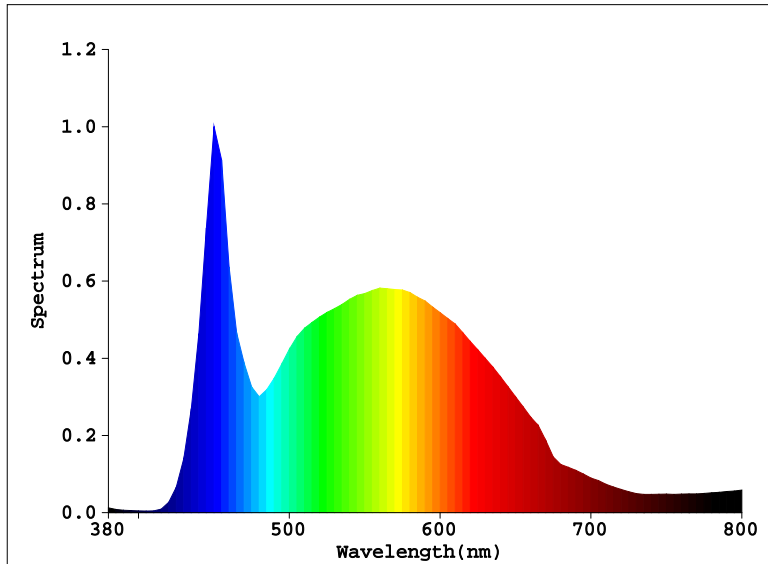


Light Source Test Report

**Color Parameters:**

Chromaticity Coordinate: $x=0.3313$ $y=0.3502$

Chromaticity Coordinate: $u'=0.2026$ $v'=0.4820$ ($duv=5.16e-03$)

$T_c=5552K$ Dominant WL: $L_d=548.0nm$ Purity=4.6% Centroid WL: $552.0nm$

Ratio: $R=15.9\%$ $G=79.3\%$ $B=4.8\%$ Peak WL: $L_p=450.0nm$ HWL: $23.3nm$

Render Index: $R_a=85.0$

$R_1 = 83$ $R_2 = 89$ $R_3 = 93$ $R_4 = 84$ $R_5 = 84$ $R_6 = 85$ $R_7 = 90$

$R_8 = 73$ $R_9 = 21$ $R_{10} = 74$ $R_{11} = 83$ $R_{12} = 63$ $R_{13} = 84$ $R_{14} = 97$ $R_{15} = 78$

Photo Parameters:

Flux: 3453.9 lm $F_e = 11.380$ W Efficacy: 86.46 lm/W

Electrical Parameters:

Luminaire: $U=223.4V$ $I=0.1864A$ $P=39.95W$ $PF=0.9596$

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$

REF=30113(R=3)

$\%=-0.599\%$

$I_p=41479(G=4, D=56)$

PMT: 29.4 centigrade [28.6]

Product Type: HS-PL6060-S
 Number: HSP-130607-ZZH-01
 Temperature: 25.3 deg
 Test Operator: CHEN
 Software: V2.00.122

Manufacturer: HISHINE
 Test Department: HISHINE
 Humidity: 65.0%
 Test Date: 2013-06-14 11:13:40
 Instrument: PMS-80_V1 (SN:1009038)