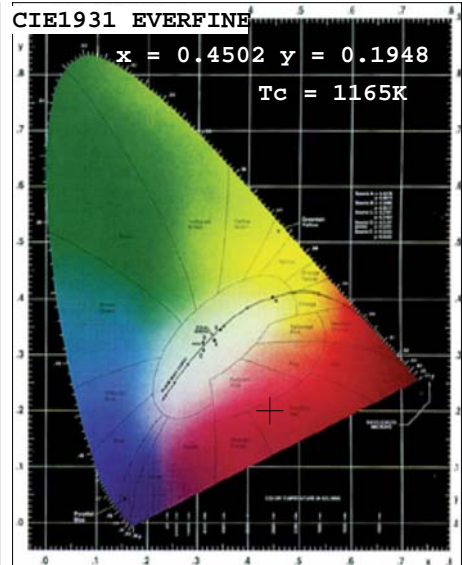
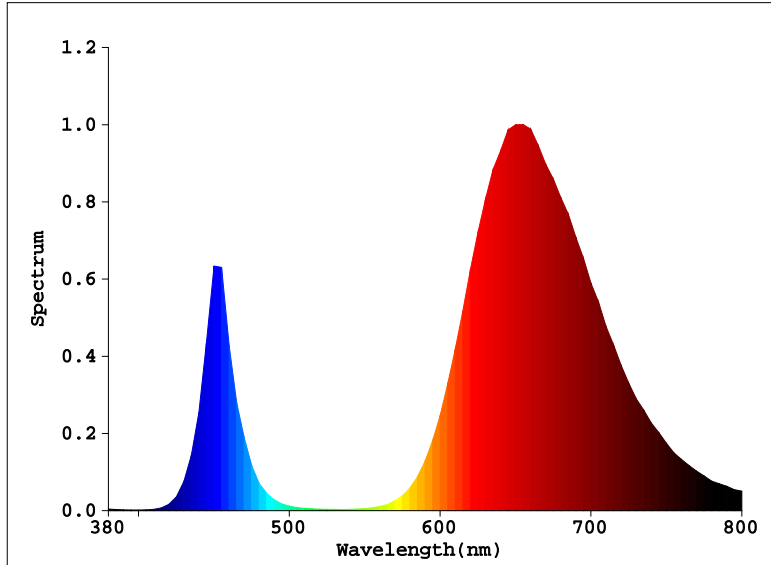


**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4502$   $y=0.1948$   
Chromaticity Coordinate:  $u'=0.4502$   $v'=0.1948$  ( $duv=9.43e-02$ )  
 $T_c=1165K$  Dominant WL:  $L_d=610.2nm$  Purity=54.4% Centroid WL:  $655.0nm$   
Ratio:  $R=78.0\%$   $G=15.9\%$   $B=6.1\%$  Peak WL:  $L_p=655.0nm$  HWL:  $94.1nm$   
Render Index:  $R_a=8.4$   
 $R_1 = 82$   $R_2 = 17$   $R_3 = -57$   $R_4 = 20$   $R_5 = 49$   $R_6 = -67$   $R_7 = -11$   
 $R_8 = 34$   $R_9 = 57$   $R_{10} = -82$   $R_{11} = 38$   $R_{12} = -392$   $R_{13} = 48$   $R_{14} = 18$   $R_{15} = 83$

**Photo Parameters:**

Flux:  $6.1181$  lm  $F_e = 0.071672$  W Efficacy:  $35.77$  lm/W

**Electrical Parameters:**

Luminaire:  $U=2.860V$   $I=0.05980A$   $P=0.1710W$   $PF=1.000$

**Instrument Status:**

Scan Range:  $380.0nm-800.0nm$  Interval:  $5.0nm[0]$   $I_p=5147(G=3,D=51)$   
 $REF=13015(R=4)$   $\%=-0.023\%$   $PMT: 28.9$  centigrade [ $150.0$ ]

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Product Type: LIGHT  
Number: N-00140  
Temperature:  $25.3$  deg  
Test Operator: DAMIN  
Software: V2.00.100

Manufacturer: EVERFINE  
Test Department: EVERFINE  
Humidity:  $65.0\%$   
Test Date: 2017-02-23 11:40:55  
Instrument: PMS-80\_V1 (SN: 11010035)