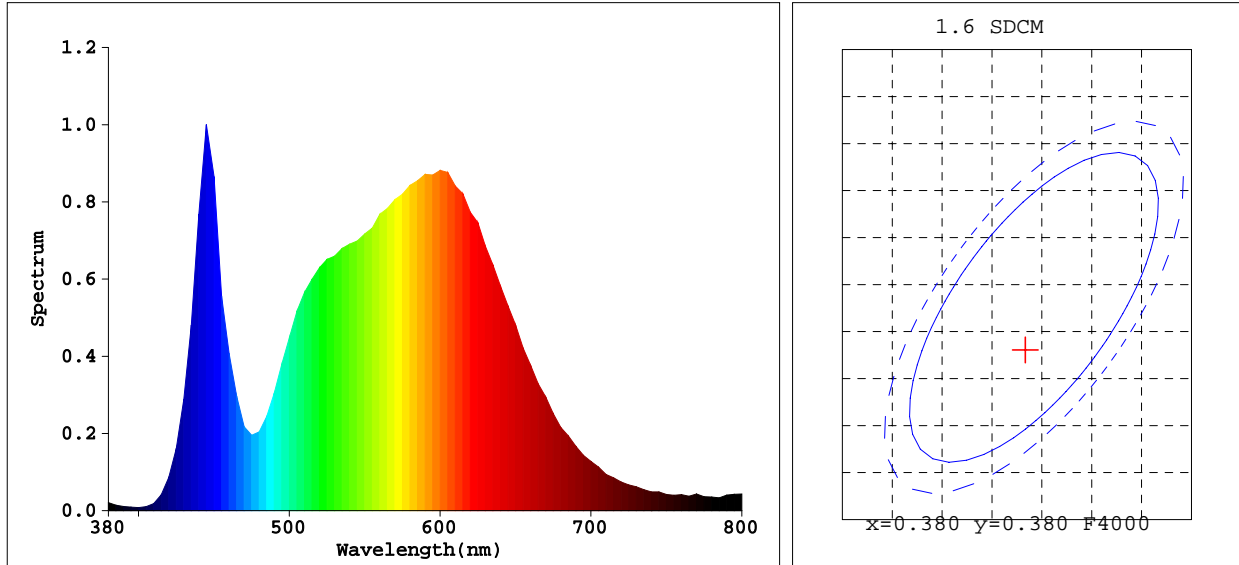


**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3793$   $y=0.3764$   
 Chromaticity Coordinate:  $u'=0.3793$   $v'=0.3764$  ( $duv=1.69e-04$ )  
 Tc=4028K Dominant WL:Ld=578.9nm Purity=26.8% Centroid WL:570.0nm  
 Ratio:R=19.9% G=77.2% B=2.9% Peak WL:Lp=445.0nm HWL:21.6nm  
 Render Index:Ra=83.4  
 R1 =82 R2 =87 R3 =92 R4 =85 R5 =83 R6 =83 R7 =87  
 R8 =68 R9 =14 R10=70 R11=85 R12=67 R13=83 R14=95 R15=76

**Photo Parameters:**

Flux: 206.36 lm Fe: 0.64315 W Efficacy:91.96 lm/W

**Electrical Parameters:**

Lamp : U=12.00V I=0.1870A P=2.244W PF=1.000

*Instrument Status:*

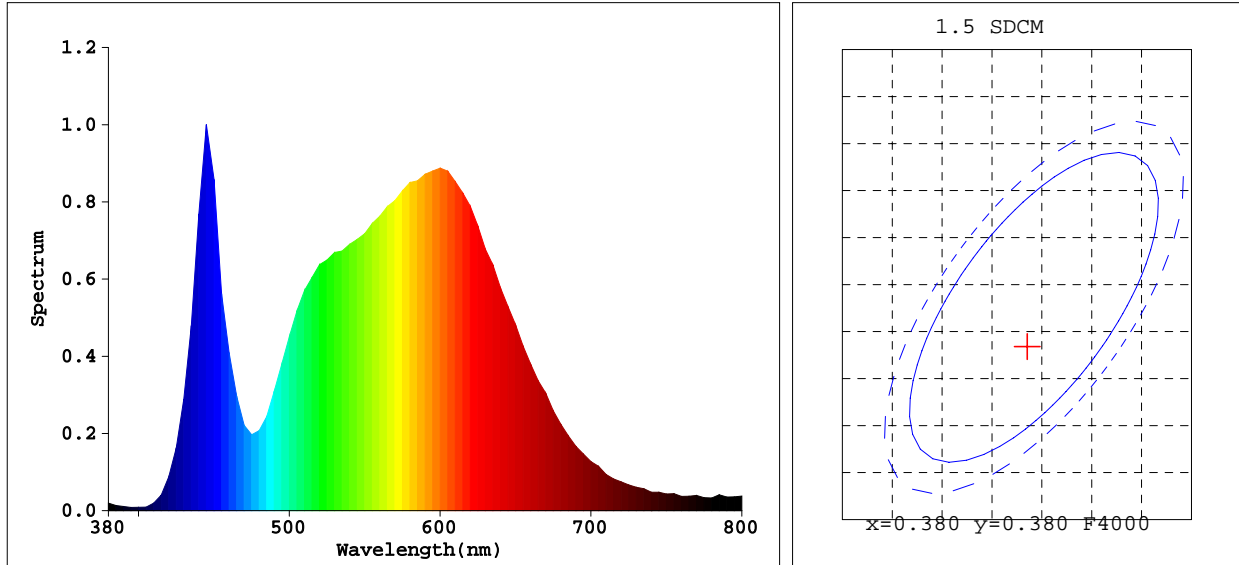
Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  $I_p=9977(G=4,D=55)$   
 REF=4519(R=4)  $\%=-0.045\%$  PMT: 22.7 centigrade [69.4]

**12V**

Product Type:CB29  
 Number:1  
 Temperature:25.3 deg  
 Test Operator:samliang  
 Software:V2.00.100

Manufacturer:VSUNT  
 Test Department:Engineering & QA Dept  
 Humidity:65.0%  
 Test Date:2020-12-14 14:17:57  
 Instrument:PMS-80\_V1 (SN:1007081)

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3794$   $y=0.3767$   
 Chromaticity Coordinate:  $u'=0.3794$   $v'=0.3767$  ( $duv=2.52e-04$ )  
 Tc=4026K Dominant WL:Ld=578.8nm Purity=26.9% Centroid WL:570.0nm  
 Ratio:R=19.9% G=77.2% B=2.9% Peak WL:Lp=445.0nm HWL:21.7nm  
 Render Index:Ra=83.3  
 R1 =82 R2 =87 R3 =92 R4 =85 R5 =83 R6 =83 R7 =87  
 R8 =68 R9 =14 R10=71 R11=85 R12=67 R13=83 R14=95 R15=76

**Photo Parameters:**

Flux: 206.36 lm Fe: 0.64281 W Efficacy:91.47 lm/W

**Electrical Parameters:**

Lamp : U=12.00V I=0.1880A P=2.256W PF=1.000

**Instrument Status:**

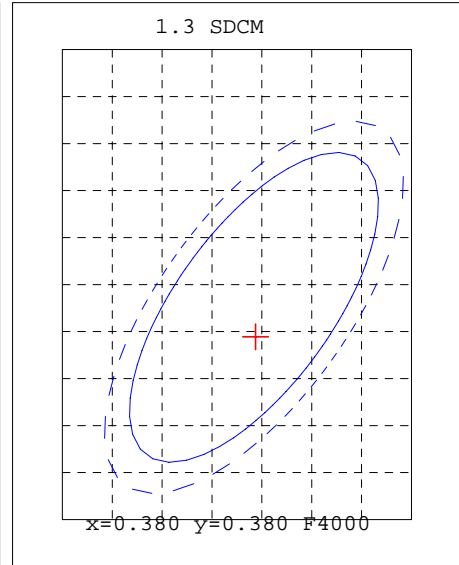
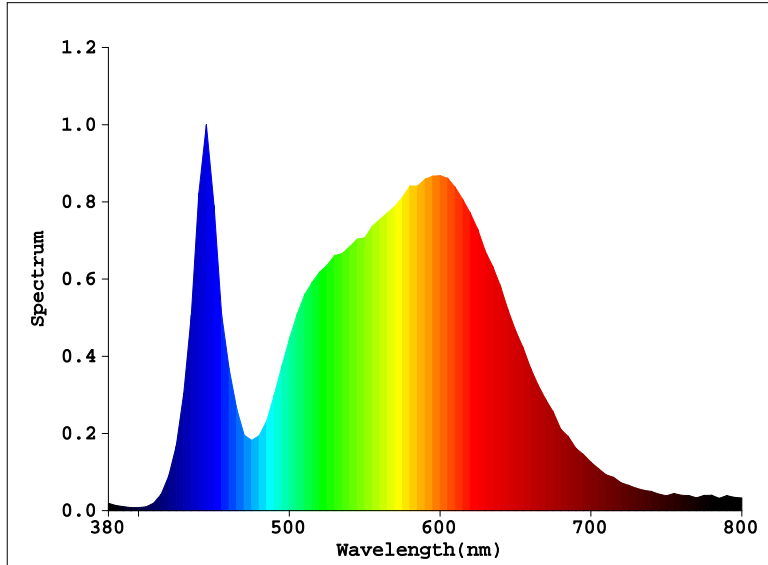
Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  $I_p=9938(G=4,D=56)$   
 REF=4519(R=4)  $\%=-0.045\%$  PMT: 22.8 centigrade [69.5]

**12V**

Product Type:CB29  
 Number:2  
 Temperature:25.3 deg  
 Test Operator:samliang  
 Software:V2.00.100

Manufacturer:VSUNT  
 Test Department:Engineering & QA Dept  
 Humidity:65.0%  
 Test Date:2020-12-14 14:19:13  
 Instrument:PMS-80\_V1 (SN:1007081)

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3801$   $y=0.3775$   
 Chromaticity Coordinate:  $u'=0.3801$   $v'=0.3775$  ( $duv=4.25e-04$ )  
 Tc=4014K Dominant WL:Ld=578.8nm Purity=27.4% Centroid WL:570.0nm  
 Ratio:R=19.9% G=77.3% B=2.8% Peak WL:Lp=445.0nm HWL:20.5nm  
 Render Index:Ra=82.9  
 R1 =82 R2 =87 R3 =91 R4 =84 R5 =82 R6 =83 R7 =86  
 R8 =68 R9 =13 R10=69 R11=85 R12=67 R13=83 R14=95 R15=76

**Photo Parameters:**

Flux: 201.56 lm Fe: 0.62631 W Efficacy:91.29 lm/W

**Electrical Parameters:**

Lamp : U=12.00V I=0.1840A P=2.208W PF=1.000

**Instrument Status:**

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  $I_p=9833(G=4,D=55)$   
 REF=4417(R=4)  $\% =0.046\%$  PMT: 22.9 centigrade [69.5]

**12V**

Product Type:CB29  
 Number:3  
 Temperature:25.3 deg  
 Test Operator:samliang  
 Software:V2.00.100

Manufacturer:VSUNT  
 Test Department:Engineering & QA Dept  
 Humidity:65.0%  
 Test Date:2020-12-14 14:20:52  
 Instrument:PMS-80\_V1 (SN:1007081)