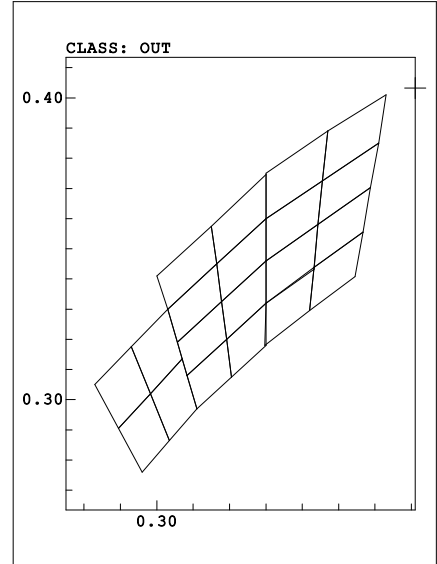
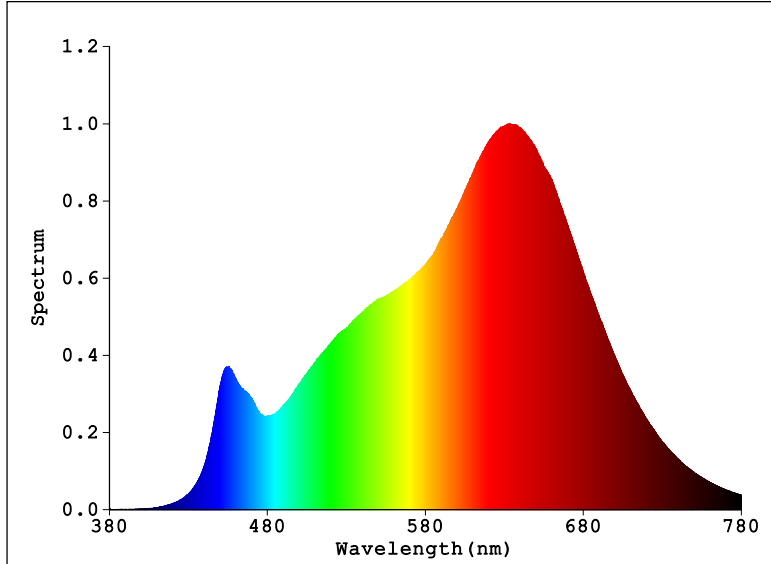


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4494$   $y=0.4032$   $u'=0.2590$   $v'=0.5229$   $duv=-1.817e-003$   
 Tc=2793K Dominant WL:Ld=584.4nm Purity=55.9%  
 Ratio:R=28.4% G=68.9% B=2.7% Peak WL:Lp=633.6nm HWL:152.9nm  
 Render Index:Ra=97.1  
 R1 =97 R2 =98 R3 =99 R4 =98 R5 =97 R6 =95 R7 =97  
 R8 =97 R9 =94 R10=97 R11=95 R12=87 R13=97 R14=98 R15=99

**Photo Parameters:**

Flux = 82.02 lm Eff. : 88.43 lm/W Fe = 313.4 mW

**Electrical parameters:**

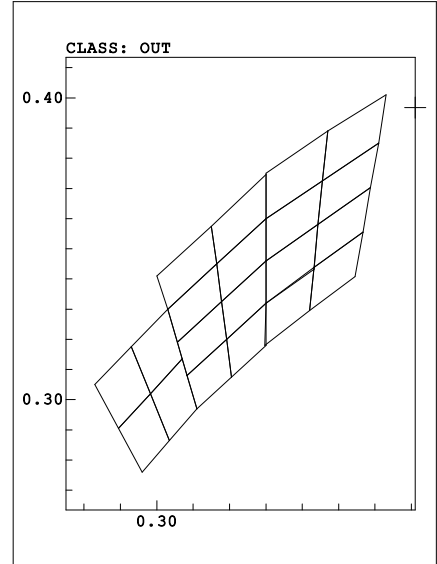
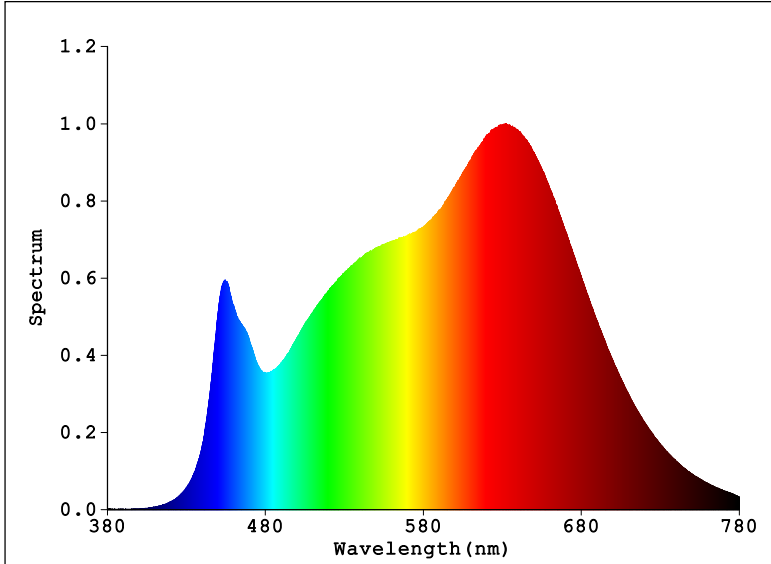
VF = 3.094 V IF = 299.8 mA P = 927.5 mW Ch1  
 LEVEL:529 WHITE:OUT

Status: T=34.00ms Ip=57919 (88%) [PHAD=95] [ HAAS2000\_V1\_USB ] V2.00.167

Model:2  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufactory:EVERFINE  
 Assessor:damin  
 System:WY + HAAS2000\_V1\_USB

Number:291  
 Date:2018-09-10  
 Humidity:65.0%  
 Remarks:---

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4167$   $y=0.3967$  /  $u'=0.2406$   $v'=0.5154$   $duv=2.621e-004$   
 Tc=3310K Dominant WL:Ld=581.5nm Purity=44.2%  
 Ratio:R=24.8% G=71.8% B=3.4% Peak WL:Lp=632.1nm HWL:180.6nm  
 Render Index:Ra=97.7  
 R1 =98 R2 =99 R3 =98 R4 =98 R5 =98 R6 =97 R7 =97  
 R8 =97 R9 =95 R10=100 R11=99 R12=81 R13=98 R14=98 R15=98

**Photo Parameters:**

Flux = 87.76 lm Eff. : 94.21 lm/W Fe = 320.7 mW

**Electrical parameters:**

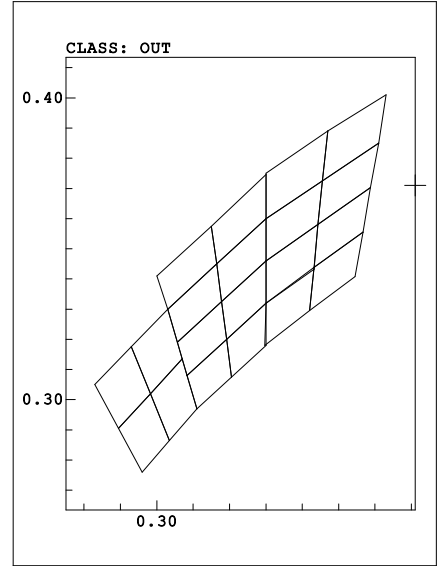
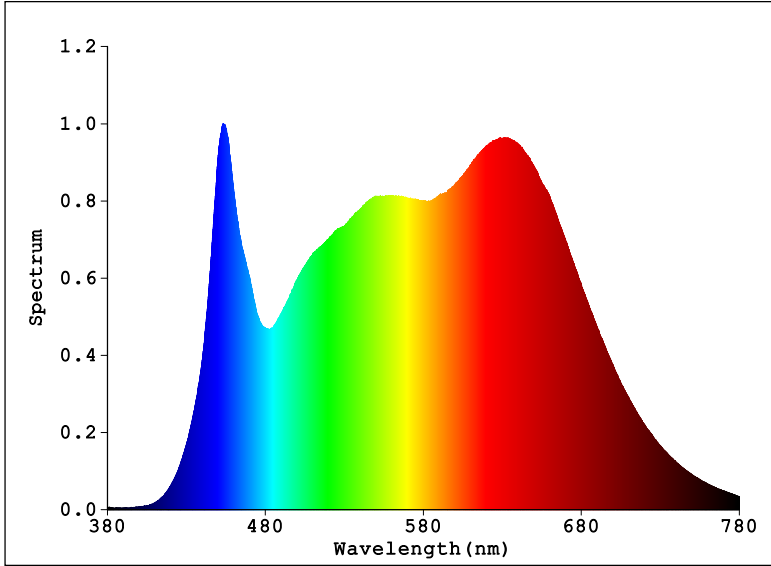
VF = 3.107 V IF = 299.8 mA P = 931.6 mW Ch1  
 LEVEL:529 WHITE:OUT

Status: T=38.00ms Ip=59451 (91%) [PHAD=101] [ HAAS2000\_V1\_USB ] V2.00.167

Model:A  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufactory:BIT  
 Assessor:damin  
 System:WY + HAAS2000\_V1\_USB

Number:1861  
 Date:2018-03-08  
 Humidity:65.0%  
 Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3756$   $y=0.3710$  /  $u'=0.2242$   $v'=0.4983$   $duv=-1.261e-003$   
 Tc=4095K Dominant WL:Ld=579.5nm Purity=24.0%  
 Ratio:R=21.6% G=74.1% B=4.3% Peak WL:Lp=453.3nm HWL:32.6nm  
 Render Index:Ra=98.0  
 R1 =99 R2 =100 R3 =97 R4 =99 R5 =98 R6 =96 R7 =98  
 R8 =98 R9 =99 R10=98 R11=98 R12=78 R13=99 R14=98 R15=97

**Photo Parameters:**

Flux = 97.23 lm Eff. : 102.82 lm/W Fe = 355.8 mW

**Electrical parameters:**

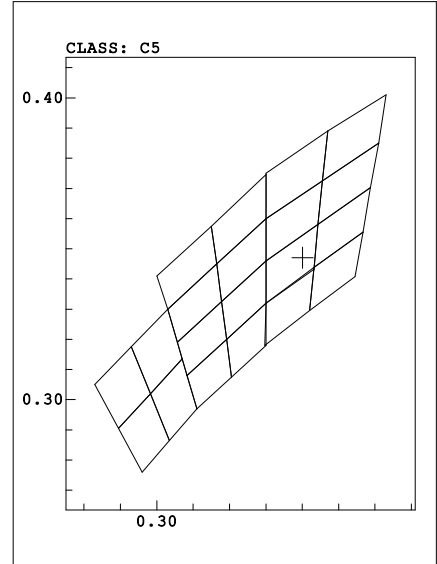
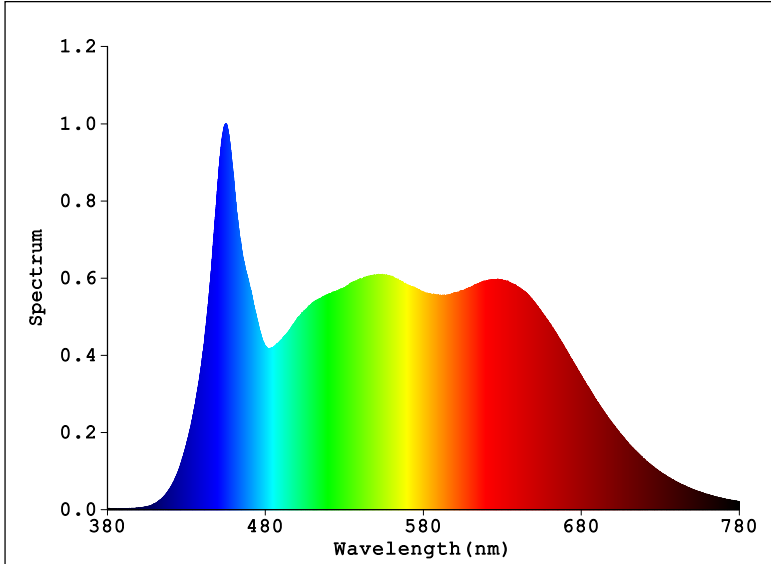
VF = 3.154 V IF = 299.8 mA P = 945.6 mW Ch1  
 LEVEL:519 WHITE:OUT

Status: T=386.00ms Ip=52368 (80%) [PHAD=98] [ HAAS2000\_V1\_USB ] V2.00.167

Model:样品1#  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufactory:EVERFINE  
 Assessor:damin  
 System:WY + HAAS2000\_V1\_USB

Number:2  
 Date:2018-11-26  
 Humidity:65.0%  
 Remarks:---

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3401$   $y=0.3470$   $u'=0.2098$   $v'=0.4817$   $duv=-2.846e-004$   
 Tc=5184K Dominant WL:Ld=569.9nm Purity=6.2%  
 Ratio:R=18.8% G=75.8% B=5.4% Peak WL:Lp=455.0nm HWL:31.2nm  
 Render Index:Ra=97.3  
 R1 =98 R2 =99 R3 =97 R4 =98 R5 =97 R6 =95 R7 =98  
 R8 =98 R9 =97 R10=97 R11=97 R12=78 R13=99 R14=98 R15=97

**Photo Parameters:**

Flux = 101.3 lm Eff. : 104.96 lm/W Fe = 371.0 mW

**Electrical parameters:**

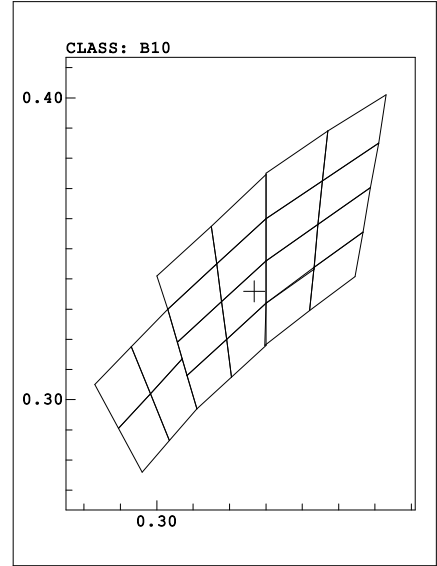
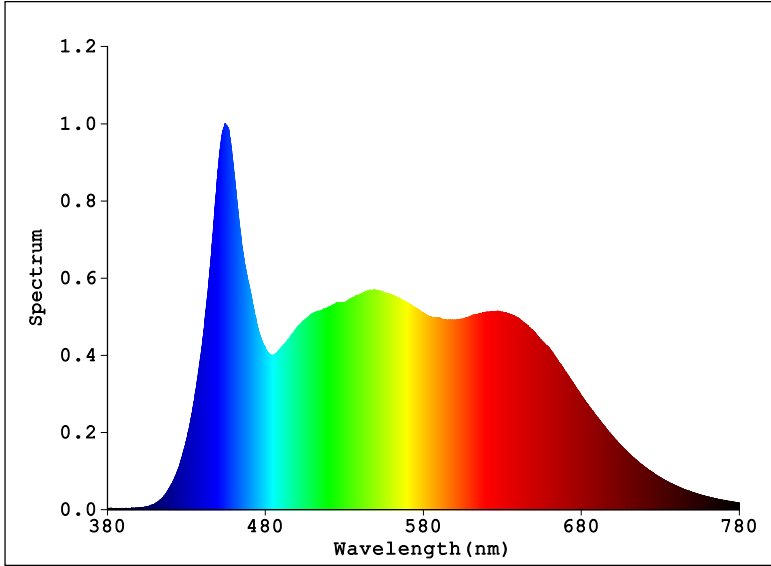
VF = 3.220 V IF = 299.8 mA P = 965.5 mW Ch1  
 LEVEL:51\* WHITE:C5

Status: T=45.00ms Ip=58146 (89%) [PHAD=97] [ HAAS2000\_V1\_USB ] V2.00.167

Model:2  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufactory:EVERFINE  
 Assessor:damin  
 System:WY + HAAS2000\_V1\_USB

Number:22230  
 Date:2019-11-13  
 Humidity:65.0%  
 Remarks:---

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3268$   $y=0.3359$   $u'=0.2050$   $v'=0.4741$   $duv=-8.117e-005$   
 Tc=5760K Dominant WL:Ld=496.8nm Purity=2.1%  
 Ratio:R=17.7% G=76.4% B=5.8% Peak WL:Lp=454.5nm HWL:31.6nm  
 Render Index:Ra=96.9  
 R1 =98 R2 =99 R3 =96 R4 =97 R5 =96 R6 =94 R7 =98  
 R8 =98 R9 =98 R10=95 R11=97 R12=75 R13=99 R14=97 R15=97

**Photo Parameters:**

Flux = 103.7 lm Eff. : 110.20 lm/W Fe = 382.7 mW

**Electrical parameters:**

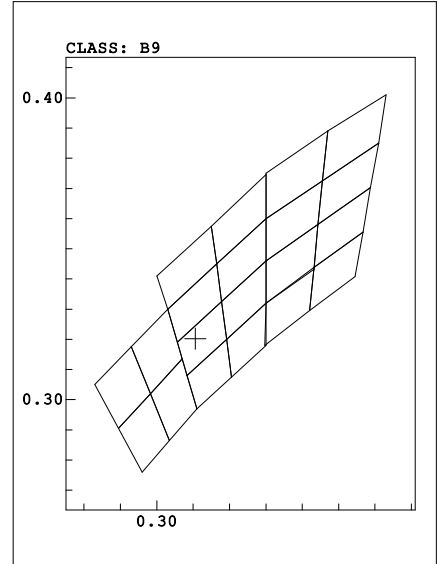
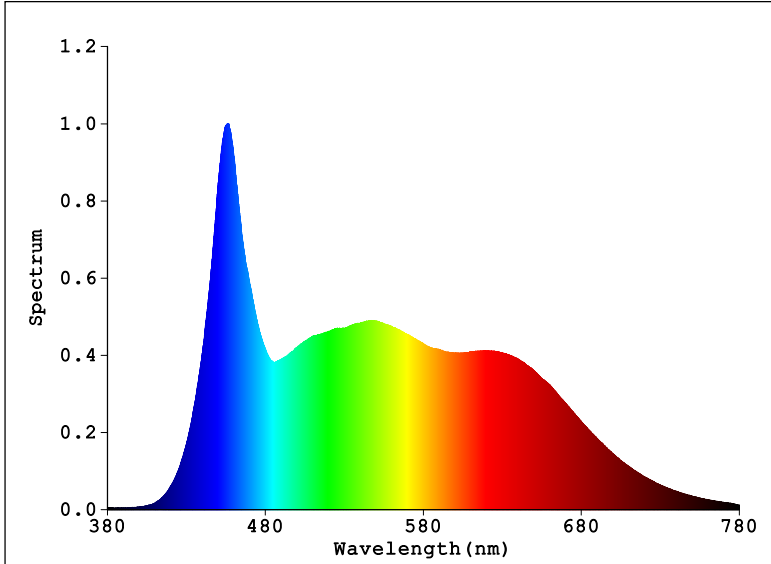
VF = 3.140 V IF = 299.8 mA P = 941.4 mW Ch1  
 LEVEL:51\* WHITE:B10

Status: T=36.00ms Ip=47146 (72%) [PHAD=100] [ HAAS2000\_V1\_USB ] V2.00.167

Model:  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufactory:BIT  
 Assessor:damin  
 System:WY + HAAS2000\_V1\_USB

Number:6020  
 Date:2019-04-28  
 Humidity:65.0%  
 Remarks:暖白4#

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3106$   $y=0.3202$  /  $u'=0.1997$   $v'=0.4632$   $duv=-3.302e-004$   
 Tc=6701K Dominant WL:Ld=483.9nm Purity=8.8%  
 Ratio:R=16.7% G=76.7% B=6.6% Peak WL:Lp=456.2nm HWL:31.3nm  
 Render Index:Ra=96.0  
 R1 =97 R2 =99 R3 =97 R4 =95 R5 =95 R6 =94 R7 =96  
 R8 =96 R9 =97 R10=97 R11=96 R12=72 R13=99 R14=98 R15=95

**Photo Parameters:**

Flux = 97.14 lm Eff. : 104.66 lm/W Fe = 364.4 mW

**Electrical parameters:**

VF = 3.095 V IF = 299.8 mA P = 928.1 mW Ch1  
 LEVEL:519 WHITE:B9

Status: T=440.00ms Ip=50058 (76%) [PHAD=98] [ HAAS2000\_V1\_USB ] V2.00.167

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Model:  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufactory:BIT  
 Assessor:damin  
 System:WY + HAAS2000\_V1\_USB

Number:21  
 Date:2018-11-15  
 Humidity:65.0%  
 Remarks:暖白4#