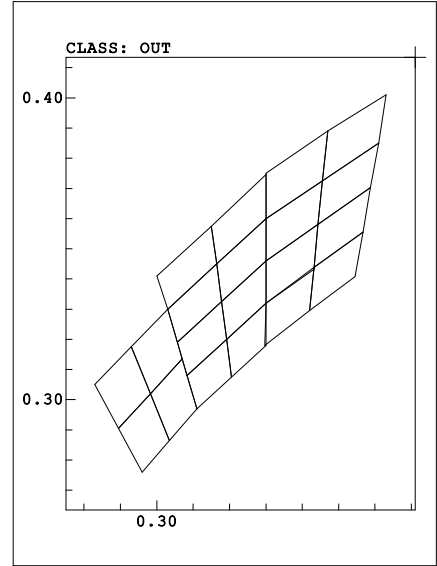
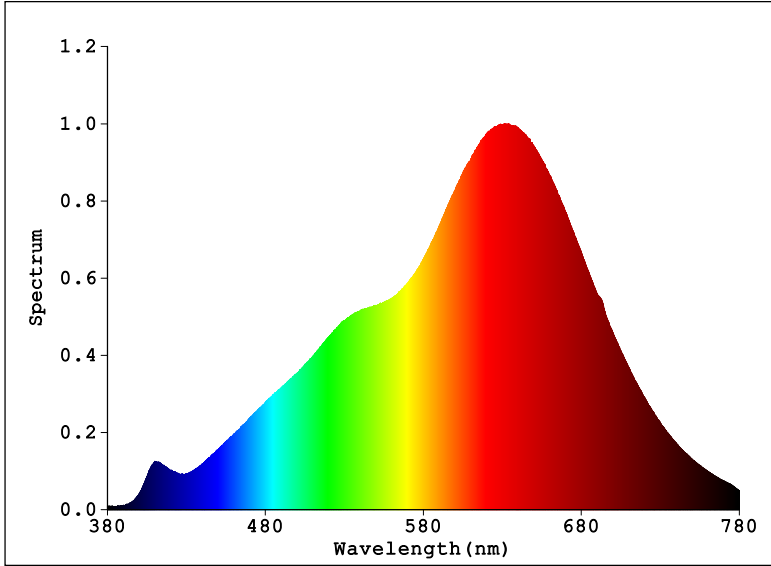


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4599$   $y=0.4146$   $u'=0.2608$   $v'=0.5289$   $duv=1.454e-003$   
 Tc=2730K Dominant WL:Ld=583.6nm Purity=62.5%  
 Ratio:R=28.8% G=68.5% B=2.7% Peak WL:Lp=631.4nm HWL:162.4nm  
 Render Index:Ra=96.4  
 R1 =97 R2 =98 R3 =98 R4 =96 R5 =97 R6 =94 R7 =96  
 R8 =95 R9 =88 R10=96 R11=92 R12=92 R13=97 R14=99 R15=98

**Photo Parameters:**

Flux = 301.3 lm Eff. : 33.50 lm/W Fe = 1185 mW

**Electrical parameters:**

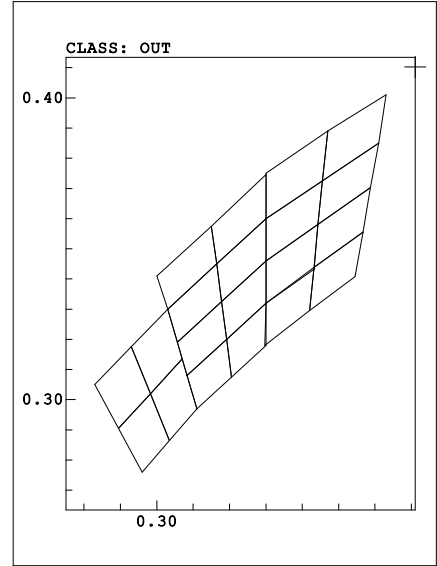
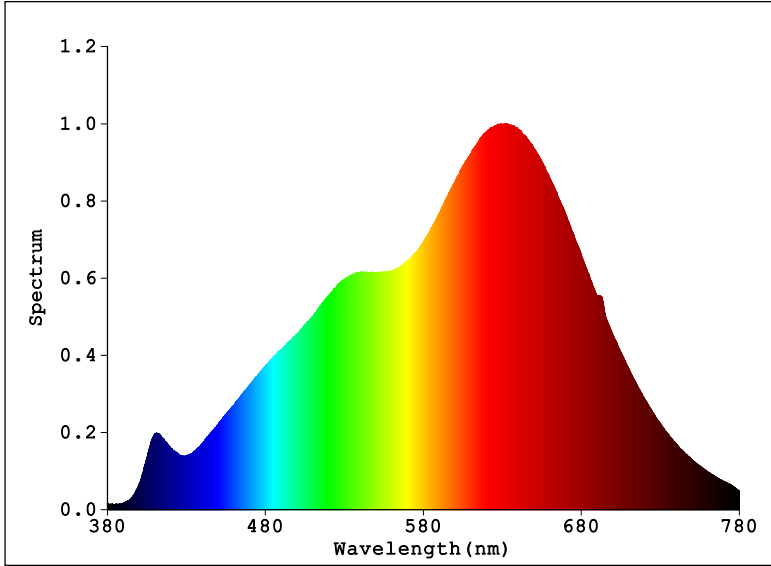
VF = 19.98 V IF = 450.1 mA P = 8996 mW Ch1  
 LEVEL:\*2\* WHITE:OUT

Status: T=88.00ms Ip=51162 (78%) [PHAD=94] [ HAAS2000\_V1\_USB ] V2.00.167

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

Number:102  
 Date:2016-09-13  
 Humidity:65.0%  
 Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4343$   $y=0.4103$   $u'=0.2462$   $v'=0.5234$   $duv=2.845e-003$   
 Tc=3095K Dominant WL:Ld=581.4nm Purity=53.5%  
 Ratio:R=26.2% G=70.5% B=3.2% Peak WL:Lp=632.1nm HWL:185.3nm  
 Render Index:Ra=96.5  
 R1 =96 R2 =98 R3 =98 R4 =95 R5 =96 R6 =95 R7 =97  
 R8 =97 R9 =95 R10=96 R11=92 R12=95 R13=96 R14=98 R15=99

**Photo Parameters:**

Flux = 338.4 lm Eff. : 37.89 lm/W Fe = 1305 mW

**Electrical parameters:**

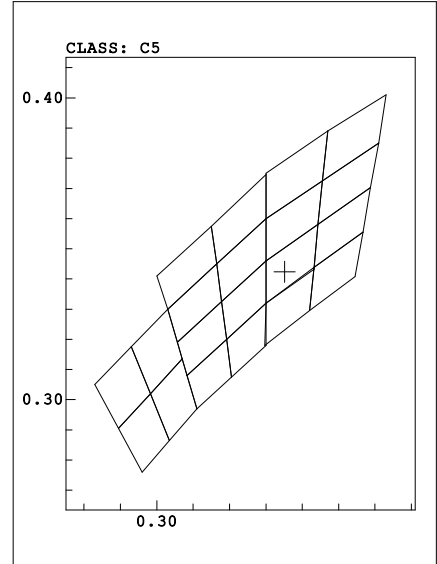
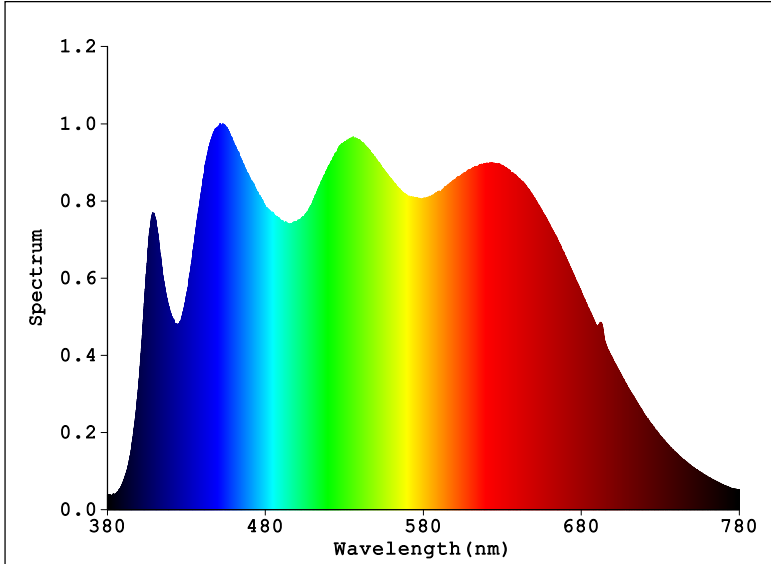
VF = 19.84 V IF = 450.1 mA P = 8934 mW Ch1  
 LEVEL:\*2\* WHITE:OUT

Status: T=88.00ms Ip=51862 (79%) [PHAD=94] [ HAAS2000\_V1\_USB ] V2.00.167

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

Number:99  
 Date:2016-09-13  
 Humidity:65.0%  
 Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3352$   $y=0.3424$   $u'=0.2083$   $v'=0.4786$   $duv=-5.430e-004$   
 Tc=5381K Dominant WL:Ld=562.3nm Purity=3.3%  
 Ratio:R=18.9% G=75.5% B=5.6% Peak WL:Lp=451.4nm HWL:259.6nm  
 Render Index:Ra=96.8  
 R1 =97 R2 =99 R3 =94 R4 =95 R5 =98 R6 =98 R7 =98  
 R8 =97 R9 =93 R10=96 R11=95 R12=95 R13=97 R14=96 R15=96

**Photo Parameters:**

Flux = 357.3 lm Eff. : 45.66 lm/W Fe = 1431 mW

**Electrical parameters:**

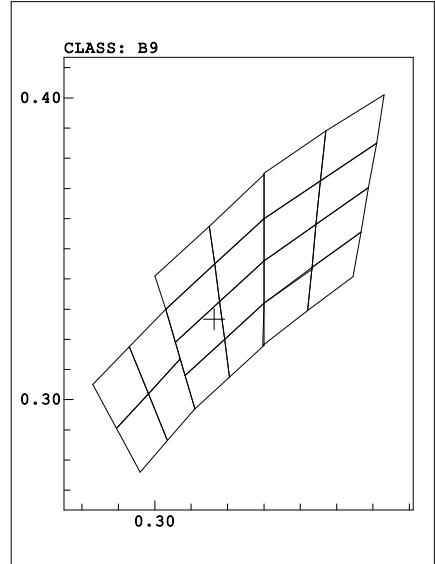
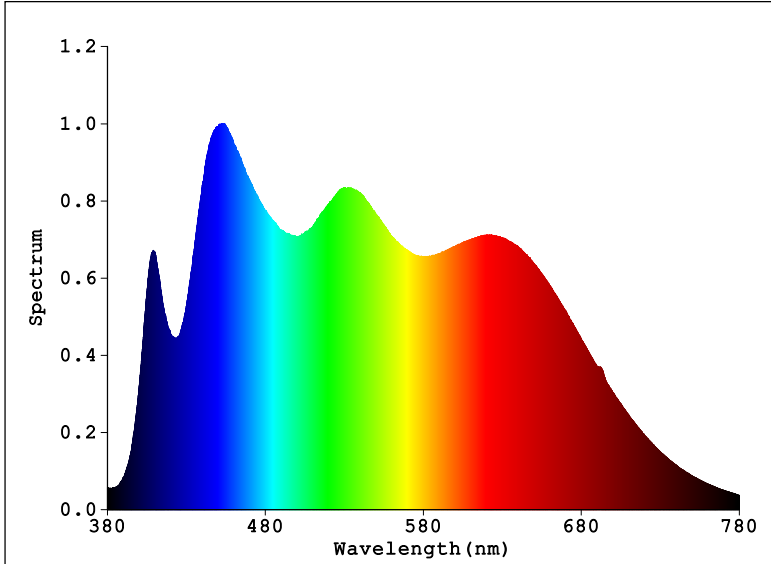
VF = 19.57 V IF = 399.7 mA P = 7826 mW Ch1  
 LEVEL:\*1\* WHITE:C5

Status: T=13.00ms Ip=58738 (90%) [PHAD=96] [ HAAS2000\_V1\_USB ] V2.00.167

Model:3-C  
 Tester:3-C  
 Temperature:Deg  
 Manufactory:3-C  
 Assessor:damin  
 System:WY + HAAS2000\_V1\_USB

Number:13610  
 Date:2019-07-30  
 Humidity:%  
 Remarks:3-C

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3163$   $y=0.3266$   $u'=0.2012$   $v'=0.4676$   $duv=1.634e-004$   
 Tc=6324K Dominant WL:Ld=486.5nm Purity=6.3%  
 Ratio:R=17.7% G=75.7% B=6.6% Peak WL:Lp=454.1nm HWL:243.4nm  
 Render Index:Ra=96.3  
 R1 =95 R2 =98 R3 =95 R4 =95 R5 =96 R6 =98 R7 =98  
 R8 =94 R9 =84 R10=99 R11=94 R12=94 R13=96 R14=96 R15=94

**Photo Parameters:**

Flux = 411.5 lm Eff. : 46.46 lm/W Fe = 1688 mW

**Electrical parameters:**

VF = 19.67 V IF = 450.1 mA P = 8857 mW Ch1  
 LEVEL:\*1\* WHITE:B9

Status: T=114.00ms Ip=54050 (82%) [PHAD=94] [ HAAS2000\_V1\_USB ] V2.00.167

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

Number:86  
 Date:2016-09-13  
 Humidity:65.0%  
 Remarks: