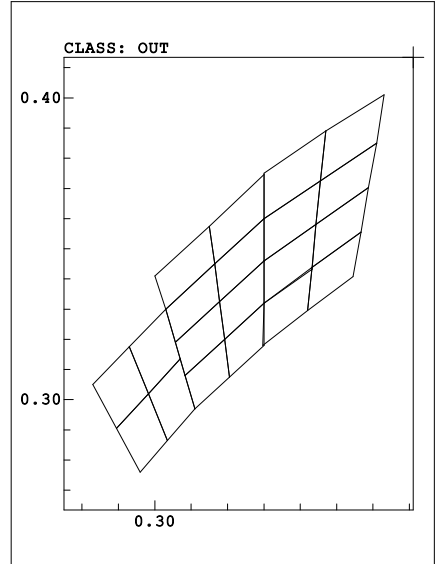
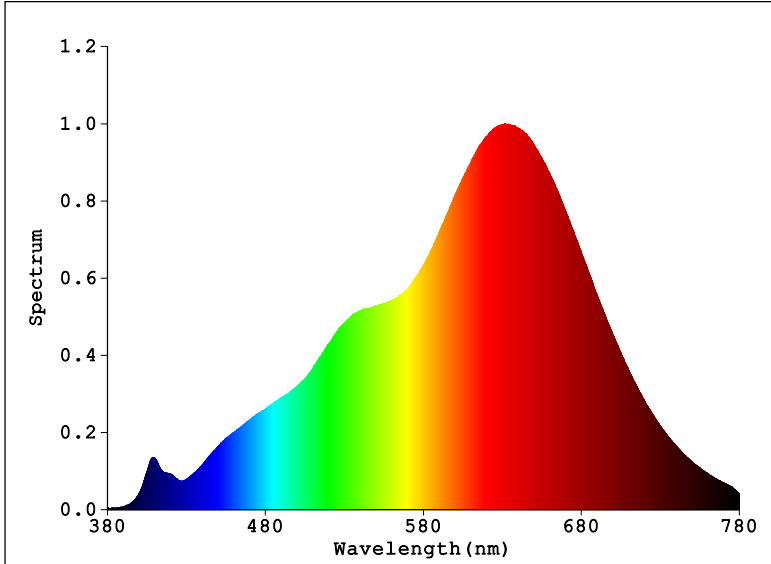


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4621$ $y=0.4139$ $u'=0.2625$ $v'=0.5289$ $duv=1.027e-003$
 Tc=2694K Dominant WL:Ld=583.9nm Purity=63.0%
 Ratio:R=29.1% G=68.3% B=2.6% Peak WL:Lp=631.5nm HWL:161.0nm
 Render Index:Ra=96.9
 R1 =97 R2 =98 R3 =98 R4 =96 R5 =97 R6 =95 R7 =97
 R8 =95 R9 =89 R10=98 R11=93 R12=94 R13=97 R14=98 R15=99

Photo Parameters:

Flux = 24.66 lm Eff. : 64.96 lm/W Fe = 97.15 mW

Electrical parameters:

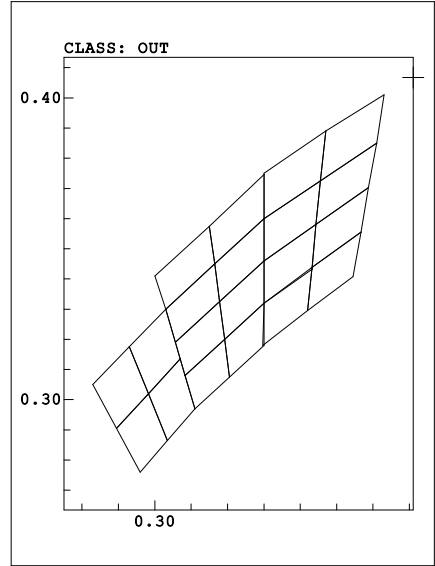
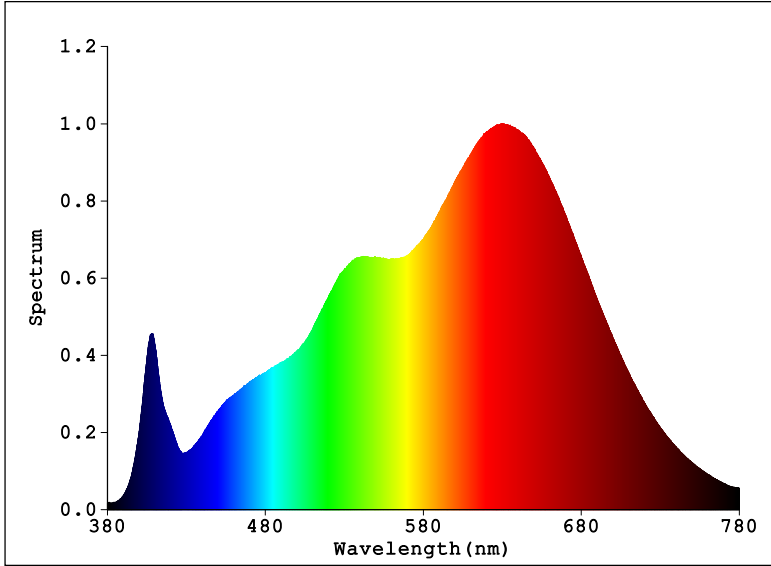
VF = 3.167 V IF = 119.9 mA P = 379.7 mW Ch1
 LEVEL:528 WHITE:OUT

Status: T=112.00ms Ip=57066 (87%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:
 Tester:
 Temperature:Deg
 Manufactory:
 Assessor:damin
 System:WY + HAAS2000_V1_USB

Number:10989
 Date:2019-07-04
 Humidity:%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4301$ $y=0.4067$ / $u'=0.2450$ $v'=0.5214$ $duv=2.084e-003$
 Tc=3141K Dominant WL:Ld=581.5nm Purity=51.2%
 Ratio:R=25.8% G=71.1% B=3.1% Peak WL:Lp=630.1nm HWL:180.6nm
 Render Index:Ra=98.2
 R1 =98 R2 =100 R3 =96 R4 =97 R5 =99 R6 =99 R7 =99
 R8 =98 R9 =93 R10=97 R11=95 R12=99 R13=98 R14=96 R15=99

Photo Parameters:

Flux = 26.26 lm Eff. : 69.04 lm/W Fe = 102.1 mW

Electrical parameters:

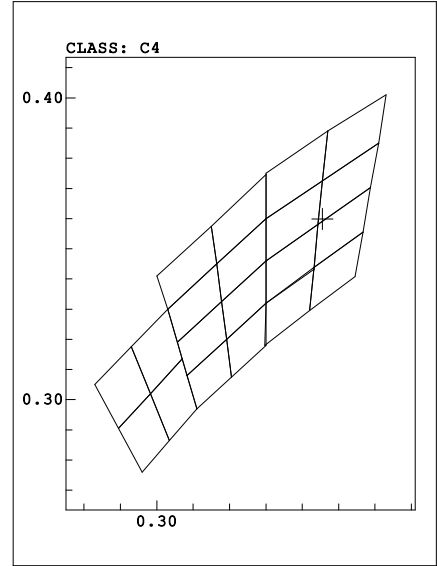
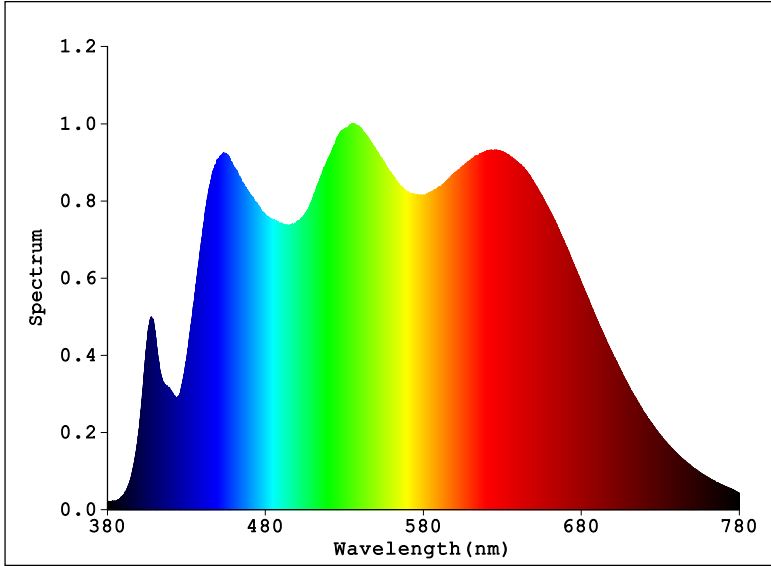
VF = 3.172 V IF = 119.9 mA P = 380.3 mW Ch1
 LEVEL:529 WHITE:OUT

Status: T=112.00ms Ip=52986 (81%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:
 Tester:
 Temperature:Deg
 Manufactory:
 Assessor:damin
 System:WY + HAAS2000_V1_USB

Number:10999
 Date:2019-07-04
 Humidity:%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3456$ $y=0.3599$ $u'=0.2085$ $v'=0.4887$ $duv=3.938e-003$
 Tc=5010K Dominant WL:Ld=569.1nm Purity=11.7%
 Ratio:R=19.1% G=75.6% B=5.3% Peak WL:Lp=535.6nm HWL:255.4nm
 Render Index:Ra=98.5
 R1 =99 R2 =99 R3 =95 R4 =98 R5 =100 R6 =98 R7 =99
 R8 =100 R9 =99 R10=95 R11=97 R12=90 R13=99 R14=97 R15=99

Photo Parameters:

Flux = 30.37 lm Eff. : 80.41 lm/W Fe = 115.8 mW

Electrical parameters:

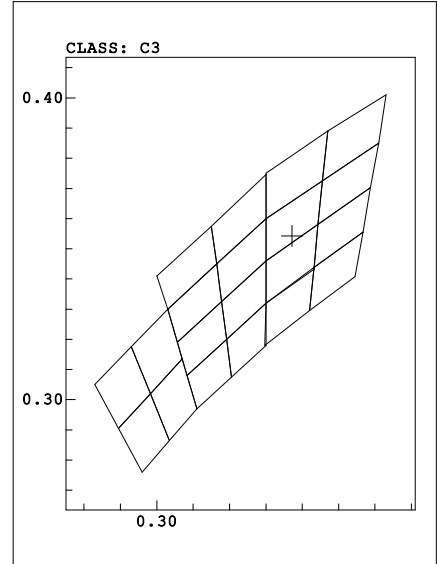
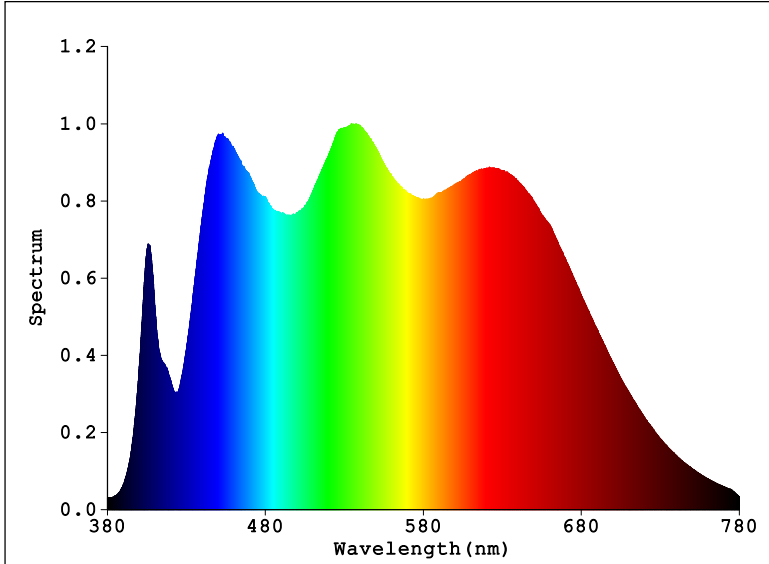
VF = 3.149 V IF = 119.9 mA P = 377.6 mW Ch1
 LEVEL:519 WHITE:C4

Status: T=140.00ms Ip=54794 (84%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:
 Tester:DAMIN
 Temperature:25.3Deg
 Manufactory:BIT
 Assessor:damin
 System:WY + HAAS2000_V1_USB

Number:12492
 Date:2019-07-15
 Humidity:65.0%
 Remarks:暖白4#

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3371$ $y=0.3543$ / $u'=0.2050$ $v'=0.4848$ $duv=4.622e-003$
 Tc=5315K Dominant WL:Ld=561.6nm Purity=7.5%
 Ratio:R=18.4% G=76.0% B=5.6% Peak WL:Lp=534.5nm HWL:253.5nm
 Render Index:Ra=98.5
 R1 =100 R2 =98 R3 =95 R4 =99 R5 =99 R6 =98 R7 =100
 R8 =100 R9 =97 R10=95 R11=98 R12=89 R13=99 R14=97 R15=99

Photo Parameters:

Flux = 30.76 lm Eff. : 80.48 lm/W Fe = 118.8 mW

Electrical parameters:

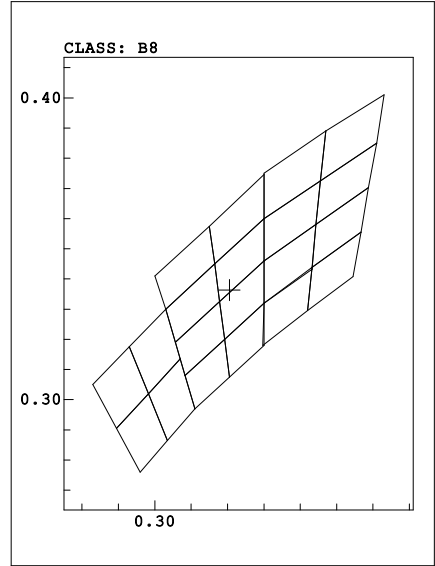
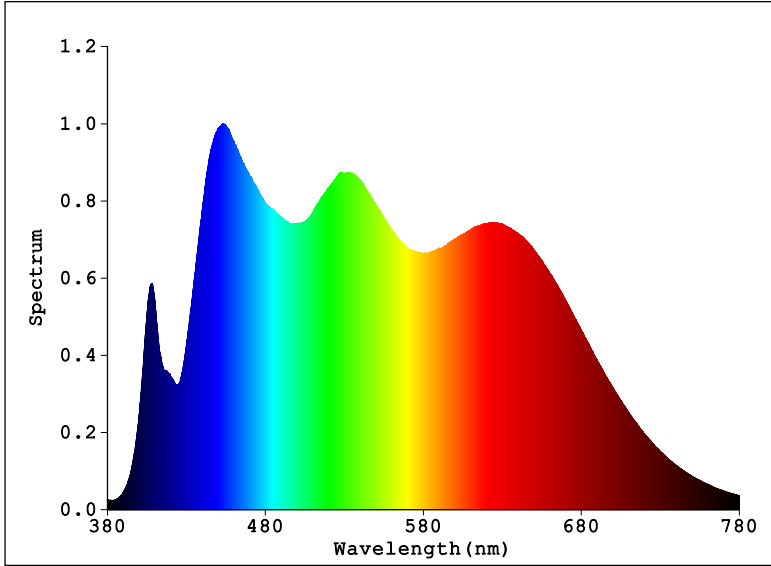
VF = 3.188 V IF = 119.9 mA P = 382.2 mW Ch1
 LEVEL:519 WHITE:C3

Status: T=147.00ms Ip=56998 (87%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:
 Tester:
 Temperature:Deg
 Manufactory:
 Assessor:damin
 System:WY + HAAS2000_V1_USB

Number:10919
 Date:2019-07-02
 Humidity:%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3205$ $y=0.3363$ $u'=0.2005$ $v'=0.4733$ $duv=3.085e-003$
 Tc=6063K Dominant WL:Ld=494.7nm Purity=4.2%
 Ratio:R=17.8% G=75.7% B=6.5% Peak WL:Lp=453.1nm HWL:243.2nm
 Render Index:Ra=96.8
 R1 =96 R2 =98 R3 =96 R4 =96 R5 =97 R6 =98 R7 =98
 R8 =95 R9 =86 R10=98 R11=95 R12=91 R13=96 R14=97 R15=95

Photo Parameters:

Flux = 29.52 lm Eff. : 77.38 lm/W Fe = 117.6 mW

Electrical parameters:

VF = 3.182 V IF = 119.9 mA P = 381.5 mW Ch1
 LEVEL:519 WHITE:B8

Status: T=135.00ms Ip=49130 (75%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:
 Tester:
 Temperature:Deg
 Manufactory:
 Assessor:damin
 System:WY + HAAS2000_V1_USB

Number:12753
 Date:2019-07-19
 Humidity:%
 Remarks: