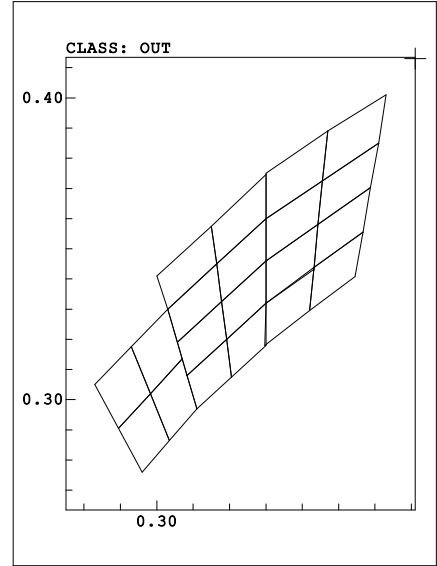
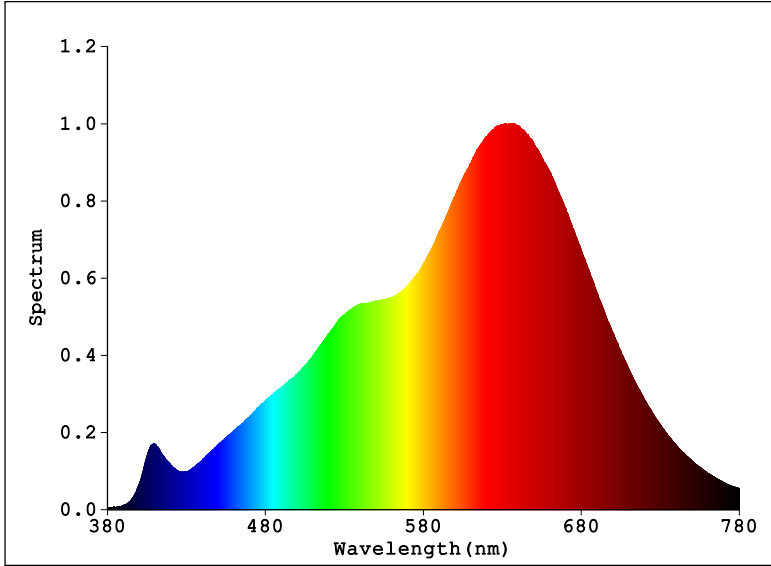


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4561$ $y=0.4130$ / $u'=0.2590$ $v'=0.5277$ $duv=1.241e-003$
 Tc=2773K Dominant WL:Ld=583.4nm Purity=60.9%
 Ratio:R=28.6% G=68.7% B=2.7% Peak WL:Lp=636.9nm HWL:167.5nm
 Render Index:Ra=96.5
 R1 =96 R2 =98 R3 =98 R4 =95 R5 =96 R6 =94 R7 =98
 R8 =97 R9 =93 R10=96 R11=91 R12=93 R13=96 R14=98 R15=99

Photo Parameters:

Flux = 25.95 lm Eff. : 63.80 lm/W Fe = 102.6 mW

Electrical parameters:

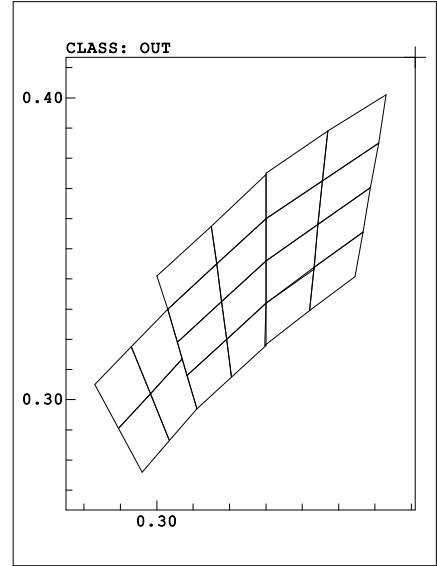
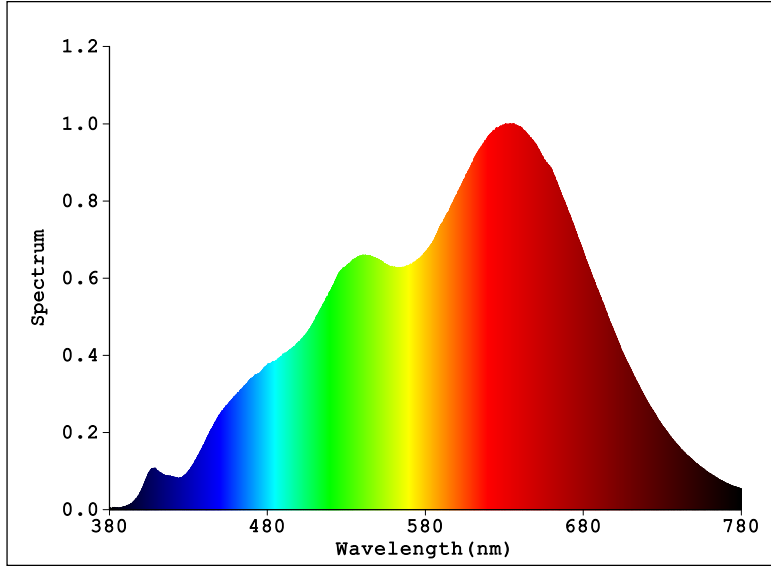
VF = 3.390 V IF = 120.0 mA P = 406.8 mW Ch1
 LEVEL:529 WHITE:OUT

Status: T=91.00ms Ip=50824 (78%) [PHAD=96] [HAAS2000_V1_USB] V2.00.167

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

Number:911
 Date:2016-07-01
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4314$ $y=0.4141$ / $u'=0.2428$ $v'=0.5245$ $duv=4.812e-003$
 Tc=3175K Dominant WL:Ld=580.5nm Purity=53.8%
 Ratio:R=25.8% G=71.0% B=3.2% Peak WL:Lp=633.7nm HWL:184.5nm
 Render Index:Ra=96.1
 R1 =96 R2 =98 R3 =95 R4 =94 R5 =97 R6 =97 R7 =96
 R8 =96 R9 =98 R10=97 R11=92 R12=93 R13=96 R14=97 R15=97

Photo Parameters:

Flux = 28.34 lm Eff. : 71.29 lm/W Fe = 107.8 mW

Electrical parameters:

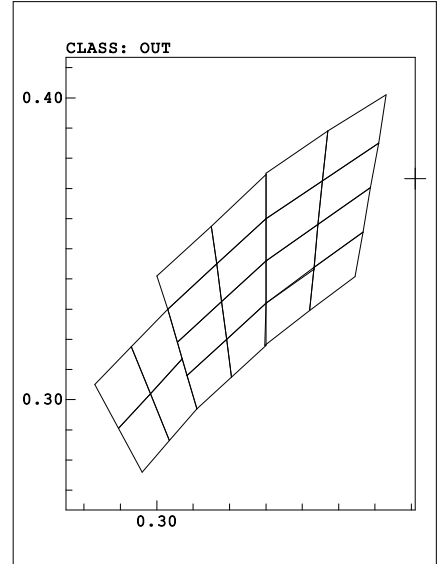
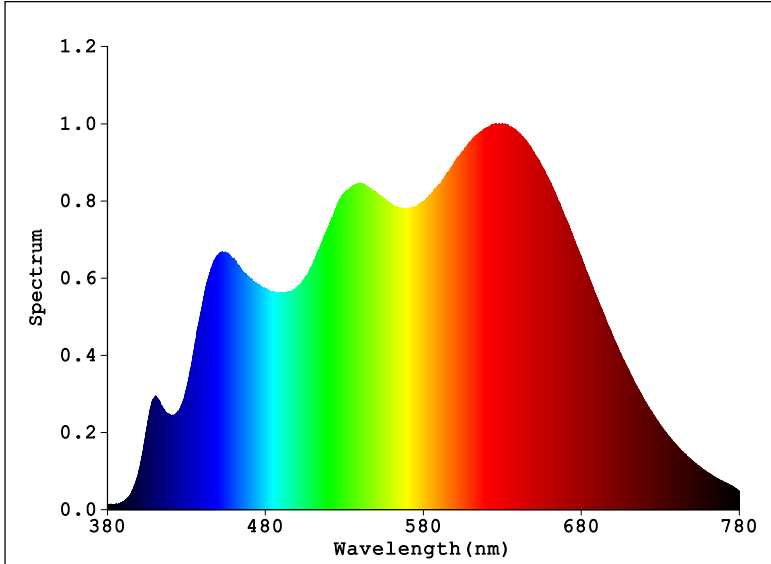
VF = 3.316 V IF = 119.9 mA P = 397.6 mW Ch1
 LEVEL:529 WHITE:OUT

Status: T=99.00ms Ip=51226 (78%) [PHAD=99] [HAAS2000_V1_USB] V2.00.167

Model:2
 Tester:DAMIN
 Temperature:25.3Deg
 Manufactory:EVERFINE
 Assessor:damin
 System:WY + HAAS2000_V1_USB

Number:26
 Date:2019-01-03
 Humidity:65.0%
 Remarks:---

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3788$ $y=0.3732$ $u'=0.2254$ $v'=0.4998$ $duv=-1.181e-003$
 Tc=4019K Dominant WL:Ld=579.7nm Purity=25.7%
 Ratio:R=22.2% G=73.5% B=4.3% Peak WL:Lp=625.8nm HWL:255.9nm
 Render Index:Ra=97.9
 R1 =97 R2 =99 R3 =95 R4 =97 R5 =98 R6 =98 R7 =99
 R8 =98 R9 =97 R10=98 R11=96 R12=90 R13=97 R14=96 R15=97

Photo Parameters:

Flux = 26.20 lm Eff. : 62.91 lm/W Fe = 100.4 mW

Electrical parameters:

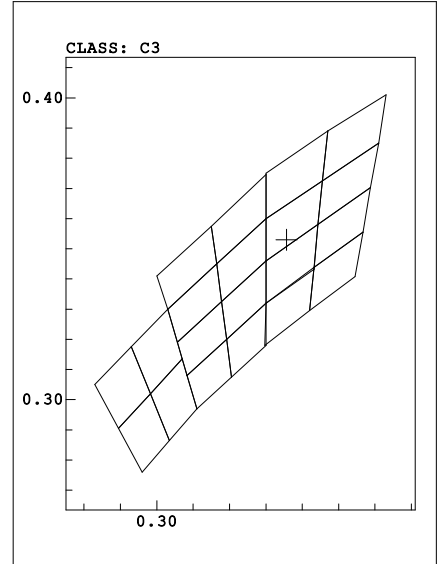
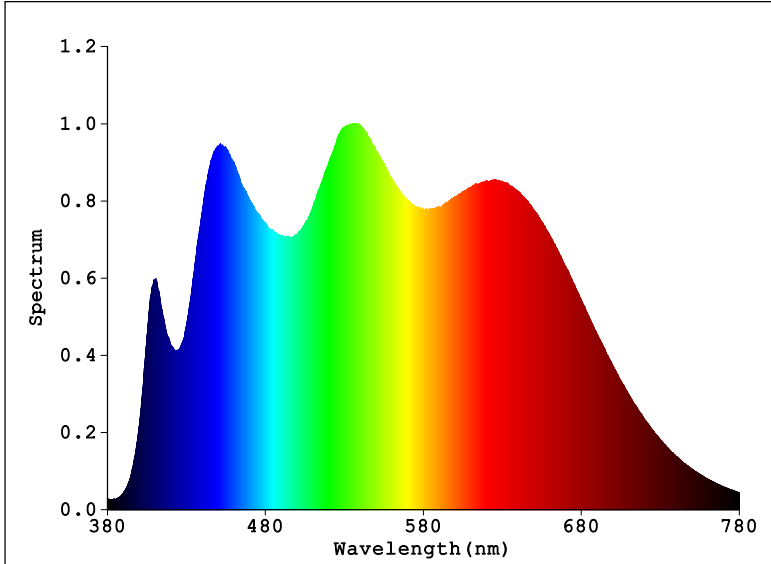
VF = 3.474 V IF = 119.9 mA P = 416.5 mW Ch1
 LEVEL:519 WHITE:OUT

Status: T=123.00ms Ip=49518 (76%) [PHAD=93] [HAAS2000_V1_USB] V2.00.167

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

Number:29
 Date:2018-08-10
 Humidity:%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3356$ $y=0.3529$ $u'=0.2045$ $v'=0.4839$ $duv=4.593e-003$
 Tc=5374K Dominant WL:Ld=559.3nm Purity=6.6%
 Ratio:R=18.2% G=76.4% B=5.4% Peak WL:Lp=536.4nm HWL:253.8nm
 Render Index:Ra=96.7
 R1 =99 R2 =97 R3 =92 R4 =97 R5 =98 R6 =95 R7 =97
 R8 =98 R9 =96 R10=90 R11=96 R12=88 R13=98 R14=95 R15=99

Photo Parameters:

Flux = 29.52 lm Eff. : 70.21 lm/W Fe = 113.6 mW

Electrical parameters:

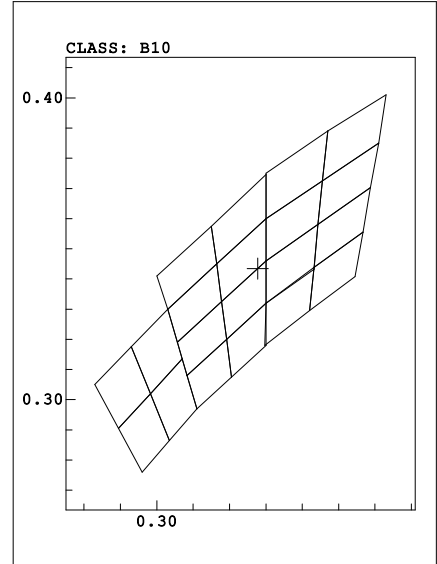
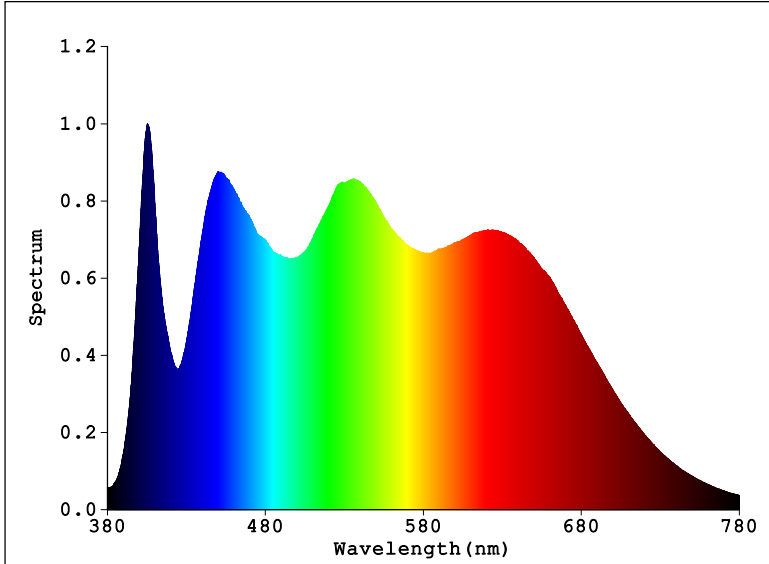
VF = 3.507 V IF = 119.9 mA P = 420.5 mW Ch1
 LEVEL:619 WHITE:C3

Status: T=136.00ms Ip=51963 (79%) [PHAD=95] [HAAS2000_V1_USB] V2.00.167

Model:紫光 有氧化铝
 Tester:DAMIN
 Temperature:25.3Deg
 Manufactory:BIT
 Assessor:damin
 System:WY + HAAS2000_V1_USB

Number:395
 Date:2018-07-13
 Humidity:65.0%
 Remarks:暖白4#

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3277$ $y=0.3434$ / $u'=0.2028$ $v'=0.4780$ $duv=3.331e-003$
 Tc=5707K Dominant WL:Ld=517.9nm Purity=2.0%
 Ratio:R=17.9% G=76.3% B=5.8% Peak WL:Lp=405.4nm HWL:18.1nm
 Render Index:Ra=97.5
 R1 =99 R2 =98 R3 =93 R4 =97 R5 =99 R6 =97 R7 =98
 R8 =98 R9 =98 R10=93 R11=97 R12=91 R13=100 R14=96 R15=99

Photo Parameters:

Flux = 32.21 lm Eff. : 81.22 lm/W Fe = 130.9 mW

Electrical parameters:

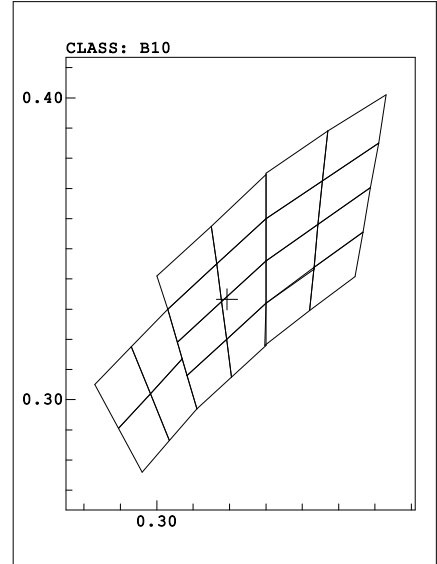
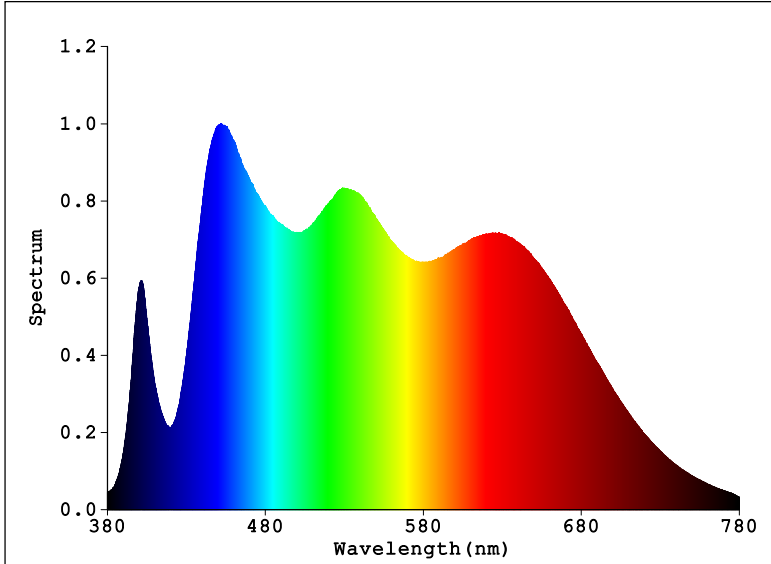
VF = 3.308 V IF = 119.9 mA P = 396.6 mW Ch1
 LEVEL:519 WHITE:B10

Status: T=125.00ms Ip=51275 (78%) [PHAD=98] [HAAS2000_V1_USB] V2.00.167

Model:2
 Tester:DAMIN
 Temperature:25.3Deg
 Manufactory:EVERFINE
 Assessor:damin
 System:WY + HAAS2000_V1_USB

Number:45
 Date:2018-12-17
 Humidity:65.0%
 Remarks:---

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3193$ $y=0.3332$ $u'=0.2008$ $v'=0.4715$ $duv=2.104e-003$
 Tc=6134K Dominant WL:Ld=491.6nm Purity=4.8%
 Ratio:R=17.9% G=75.5% B=6.6% Peak WL:Lp=451.8nm HWL:241.3nm
 Render Index:Ra=96.1
 R1 =94 R2 =97 R3 =97 R4 =96 R5 =96 R6 =97 R7 =97
 R8 =94 R9 =82 R10=96 R11=95 R12=90 R13=95 R14=98 R15=93

Photo Parameters:

Flux = 28.45 lm Eff. : 69.98 lm/W Fe = 115.4 mW

Electrical parameters:

VF = 3.391 V IF = 119.9 mA P = 406.6 mW Ch1
 LEVEL:519 WHITE:B10

Status: T=139.00ms Ip=49586 (76%) [PHAD=99] [HAAS2000_V1_USB] V2.00.167

Model:COB-1
 Tester:DAMIN
 Temperature:25.3Deg
 Manufactory:BIT
 Assessor:damin
 System:WY + HAAS2000_V1_USB

Number:253
 Date:2018-01-08
 Humidity:65.0%
 Remarks: