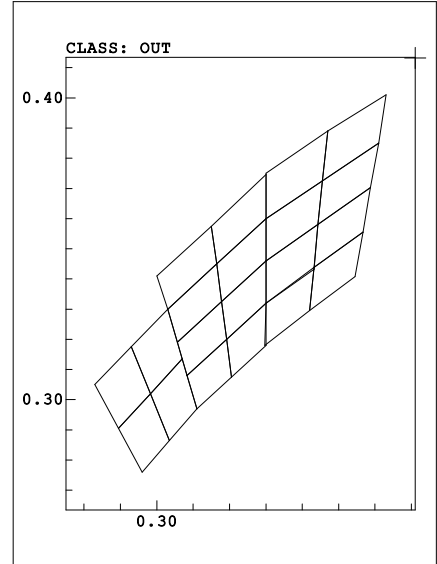
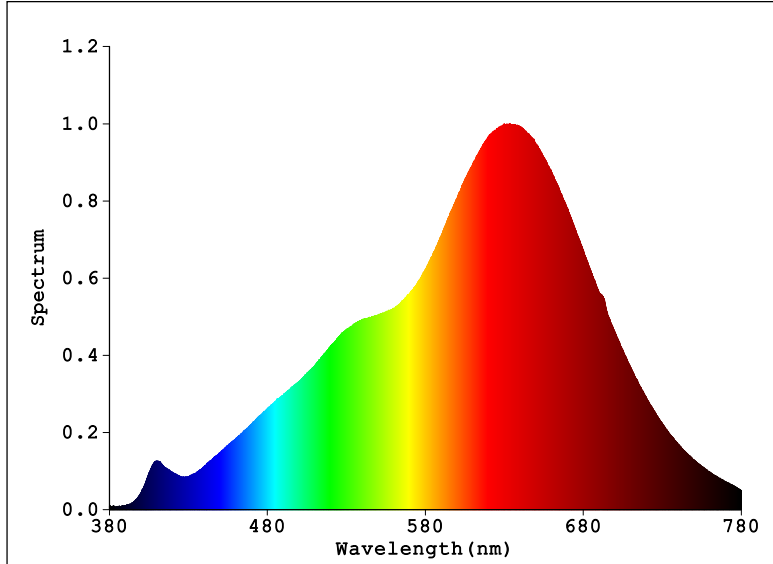


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4644$ $y=0.4133$ $u'=0.2642$ $v'=0.5290$ $duv=6.244e-004$
 Tc=2659K Dominant WL:Ld=584.2nm Purity=63.4%
 Ratio:R=29.6% G=67.8% B=2.6% Peak WL:Lp=633.3nm HWL:148.6nm
 Render Index:Ra=95.9
 R1 =96 R2 =97 R3 =99 R4 =95 R5 =95 R6 =93 R7 =96
 R8 =96 R9 =91 R10=94 R11=91 R12=90 R13=96 R14=99 R15=99

Photo Parameters:

Flux = 192.0 lm Eff. : 39.55 lm/W Fe = 766.9 mW

Electrical parameters:

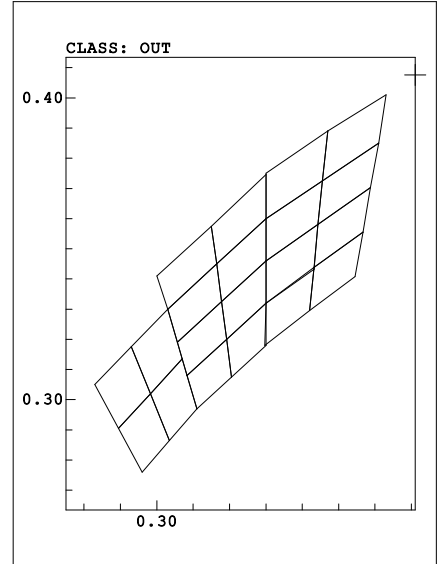
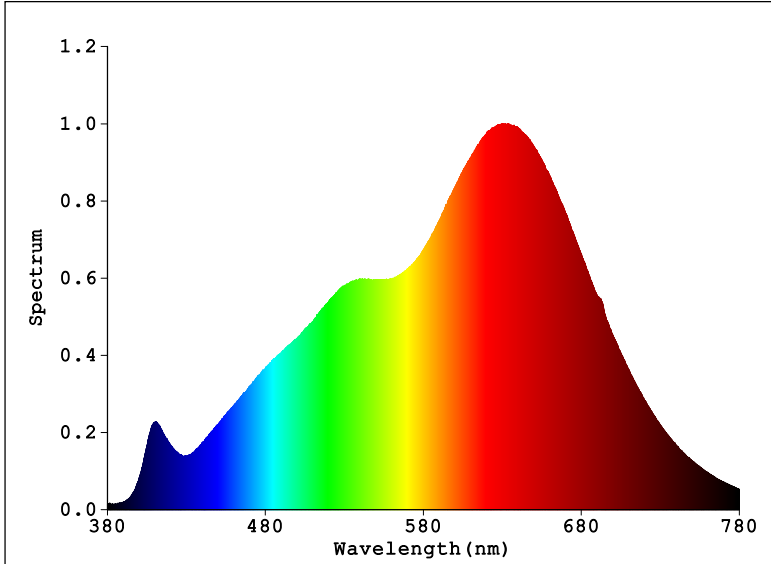
VF = 20.22 V IF = 240.0 mA P = 4856 mW Ch1
 LEVEL:*2* WHITE:OUT

Status: T=133.00ms Ip=51066 (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:80
 Date:2016-09-13
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4350$ $y=0.4076$ $u'=0.2478$ $v'=0.5225$ $duv=1.686e-003$
 Tc=3061K Dominant WL:Ld=582.0nm Purity=52.9%
 Ratio:R=26.7% G=70.1% B=3.3% Peak WL:Lp=629.9nm HWL:183.1nm
 Render Index:Ra=95.9
 R1 =95 R2 =97 R3 =98 R4 =94 R5 =95 R6 =93 R7 =97
 R8 =98 R9 =98 R10=94 R11=90 R12=92 R13=95 R14=98 R15=98

Photo Parameters:

Flux = 202.8 lm Eff. : 42.18 lm/W Fe = 793.1 mW

Electrical parameters:

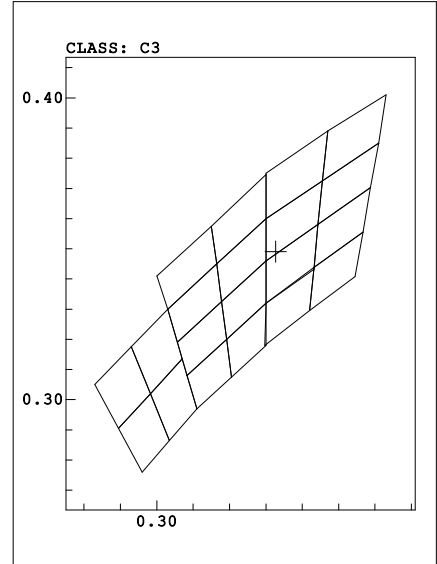
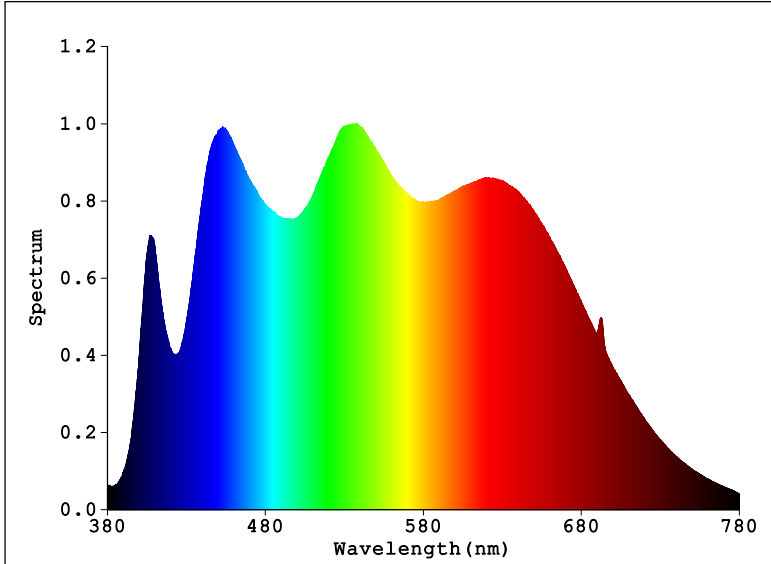
VF = 20.03 V IF = 240.0 mA P = 4810 mW Ch1
 LEVEL:*2* WHITE:OUT

Status: T=114.00ms Ip=41296 (63%) [PHAD=94] [HAAS2000_V1_USB] V2.00.167

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

Number:87
 Date:2016-09-13
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3327$ $y=0.3491$ / $u'=0.2040$ $v'=0.4816$ $duv=3.960e-003$
 Tc=5491K Dominant WL:Ld=552.4nm Purity=4.6%
 Ratio:R=18.1% G=76.3% B=5.6% Peak WL:Lp=537.9nm HWL:253.7nm
 Render Index:Ra=97.8
 R1 =100 R2 =98 R3 =94 R4 =98 R5 =99 R6 =97 R7 =98
 R8 =99 R9 =97 R10=92 R11=97 R12=90 R13=99 R14=96 R15=100

Photo Parameters:

Flux = 365.0 lm Eff. : 75.61 lm/W Fe = 1430 mW

Electrical parameters:

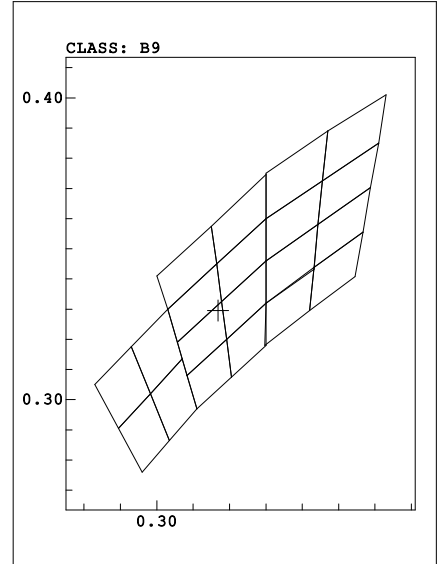
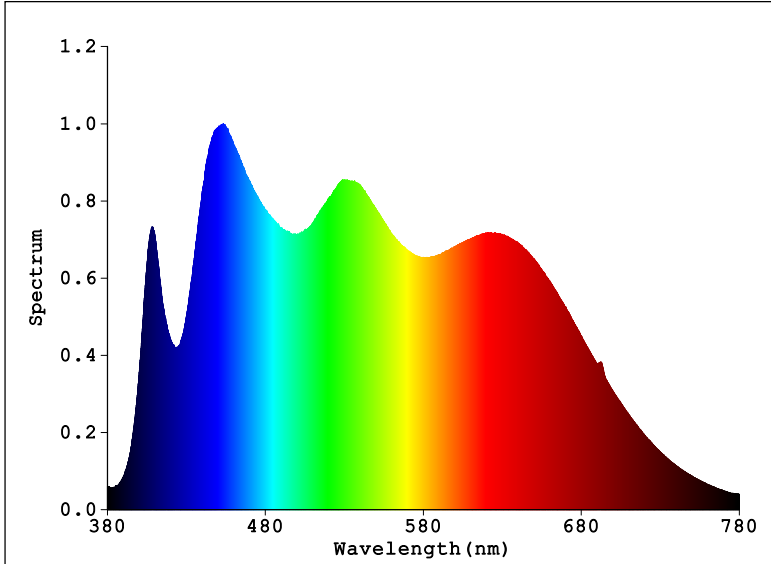
VF = 20.13 V IF = 239.8 mA P = 4828 mW Ch1
 LEVEL:*1* WHITE:C3

Status: T=120.00ms Ip=51518 (79%) [PHAD=95] [HAAS2000_V1_USB] V2.00.167

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

Number:195
 Date:2017-06-19
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3169$ $y=0.3295$ $u'=0.2005$ $v'=0.4692$ $duv=1.360e-003$
 Tc=6277K Dominant WL:Ld=488.7nm Purity=5.8%
 Ratio:R=17.6% G=75.9% B=6.5% Peak WL:Lp=453.3nm HWL:243.3nm
 Render Index:Ra=96.6
 R1 =96 R2 =99 R3 =95 R4 =96 R5 =97 R6 =99 R7 =98
 R8 =94 R9 =85 R10=99 R11=95 R12=93 R13=96 R14=96 R15=94

Photo Parameters:

Flux = 254.9 lm Eff. : 52.48 lm/W Fe = 1044 mW

Electrical parameters:

VF = 20.23 V IF = 240.0 mA P = 4858 mW Ch1
 LEVEL:*1* WHITE:B9

Status: T=176.00ms Ip=51534 (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:96
 Date:2016-09-13
 Humidity:65.0%
 Remarks: