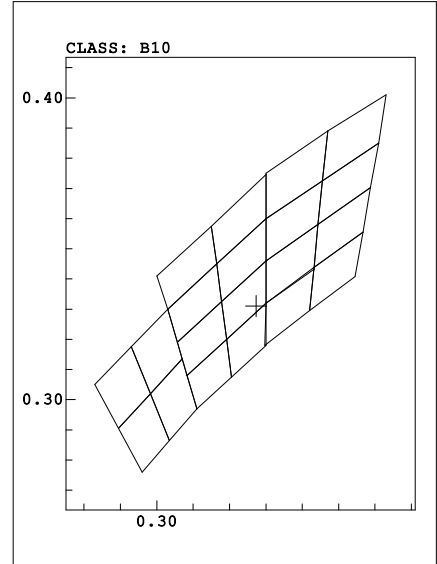
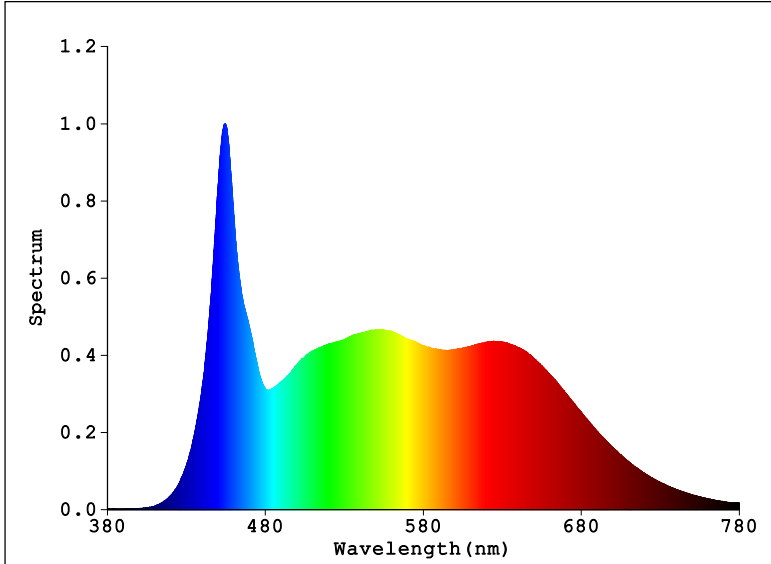


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3273$ $y=0.3311$ $u'=0.2072$ $v'=0.4716$ $duv=-2.851e-003$
 Tc=5744K Dominant WL:Ld=486.8nm Purity=2.2%
 Ratio:R=18.2% G=76.0% B=5.8% Peak WL:Lp=454.5nm HWL:23.7nm
 Render Index:Ra=96.6
 R1 =97 R2 =98 R3 =95 R4 =98 R5 =96 R6 =93 R7 =98
 R8 =98 R9 =94 R10=96 R11=97 R12=73 R13=98 R14=97 R15=95

Photo Parameters:

Flux = 54.52 lm Eff. : 119.40 lm/W Fe = 202.8 mW

Electrical parameters:

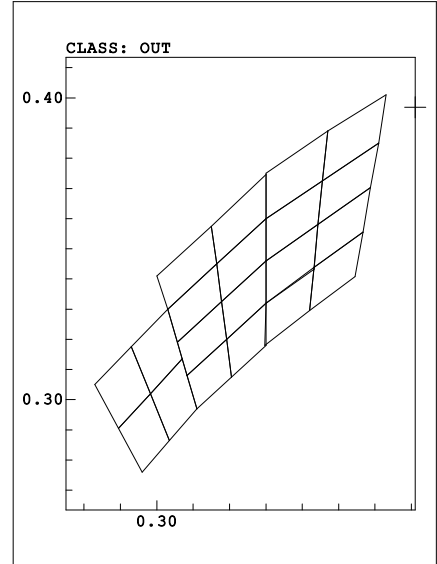
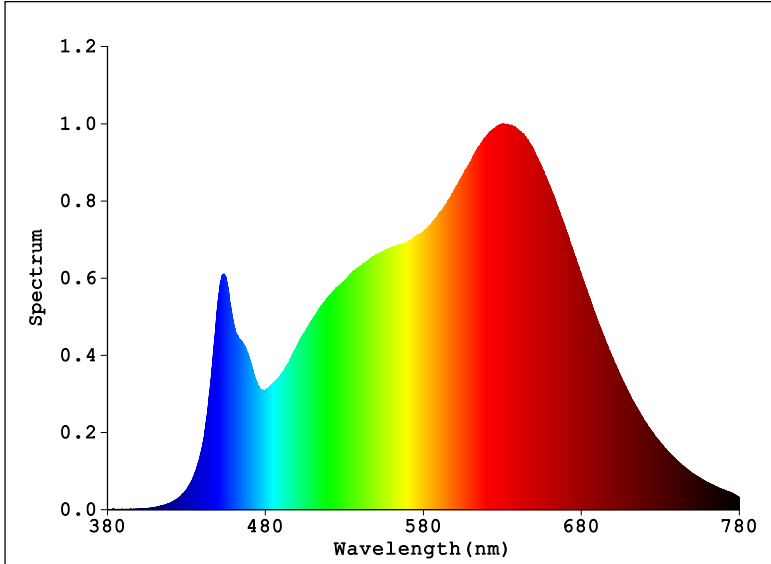
VF = 3.046 V IF = 149.9 mA P = 456.6 mW Ch1
 LEVEL:519 WHITE:B10

Status: T=61.00ms Ip=44243 (68%) [PHAD=101] [HAAS2000_V1_USB] V2.00.167

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

Number:36942
 Date:2020-04-14
 Humidity:%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4210$ $y=0.3969$ $u'=0.2433$ $v'=0.5162$ $duv=-4.432e-004$
 Tc=3228K Dominant WL:Ld=582.1nm Purity=45.5%
 Ratio:R=25.3% G=71.5% B=3.2% Peak WL:Lp=630.3nm HWL:178.3nm
 Render Index:Ra=98.1
 R1 =98 R2 =99 R3 =98 R4 =99 R5 =98 R6 =97 R7 =98
 R8 =97 R9 =95 R10=99 R11=98 R12=82 R13=98 R14=98 R15=98

Photo Parameters:

Flux = 48.66 lm Eff. : 106.73 lm/W Fe = 179.0 mW

Electrical parameters:

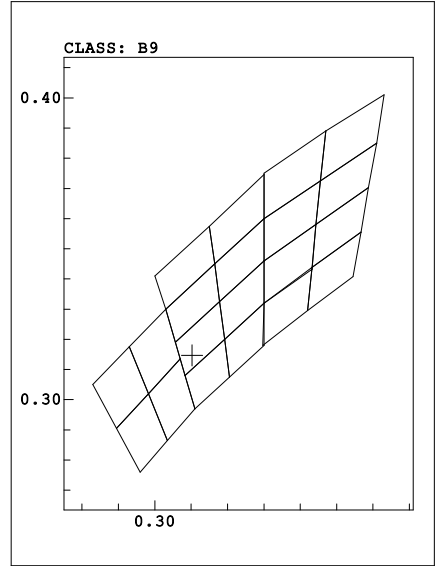
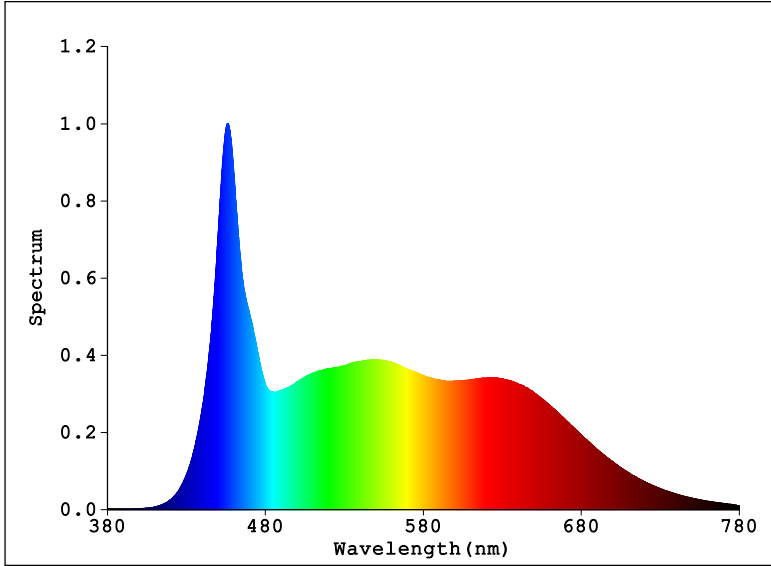
VF = 3.041 V IF = 149.9 mA P = 455.9 mW Ch1
 LEVEL:529 WHITE:OUT

Status: T=56.00ms Ip=48571 (74%) [PHAD=102] [HAAS2000_V1_USB] V2.00.167

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

Number:36943
 Date:2020-04-14
 Humidity:%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3102$ $y=0.3147/u'=0.2016$ $v'=0.4601$ $duv=-3.063e-003$
 Tc=6780K Dominant WL:Ld=480.3nm Purity=9.5%
 Ratio:R=17.2% G=75.9% B=6.9% Peak WL:Lp=456.4nm HWL:23.8nm
 Render Index:Ra=94.5
 R1 =94 R2 =96 R3 =97 R4 =94 R5 =93 R6 =93 R7 =94
 R8 =94 R9 =86 R10=96 R11=96 R12=68 R13=95 R14=98 R15=92

Photo Parameters:

Flux = 53.87 lm Eff. : 118.69 lm/W Fe = 205.0 mW

Electrical parameters:

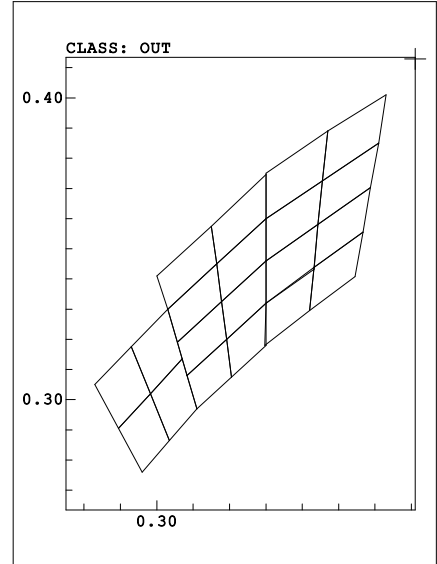
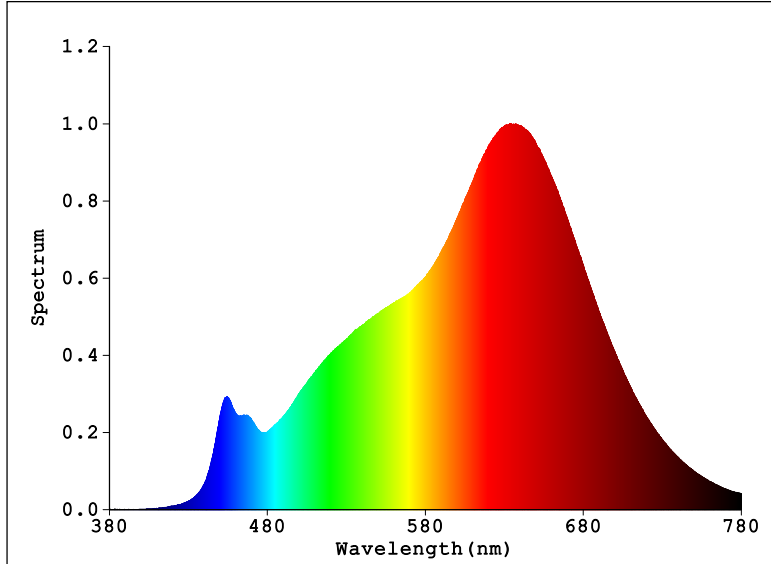
VF = 3.028 V IF = 149.9 mA P = 453.9 mW Ch1
 LEVEL:519 WHITE:B9

Status: T=69.00ms Ip=59735 (91%) [PHAD=101] [HAAS2000_V1_USB] V2.00.167

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

Number:36965
 Date:2020-04-14
 Humidity:%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4644$ $y=0.4129$ $u'=0.2644$ $v'=0.5289$ $duv=4.949e-004$
 Tc=2656K Dominant WL:Ld=584.3nm Purity=63.4%
 Ratio:R=29.5% G=68.1% B=2.4% Peak WL:Lp=633.6nm HWL:143.8nm
 Render Index:Ra=97.0
 R1 =97 R2 =98 R3 =98 R4 =97 R5 =97 R6 =95 R7 =97
 R8 =97 R9 =95 R10=97 R11=94 R12=88 R13=97 R14=98 R15=99

Photo Parameters:

Flux = 43.74 lm Eff. : 96.08 lm/W Fe = 169.0 mW

Electrical parameters:

VF = 3.037 V IF = 149.9 mA P = 455.2 mW Ch1
 LEVEL:529 WHITE:OUT

Status: T=55.00ms Ip=51762 (79%) [PHAD=102] [HAAS2000_V1_USB] V2.00.167

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

Number:36966
 Date:2020-04-14
 Humidity:%
 Remarks: