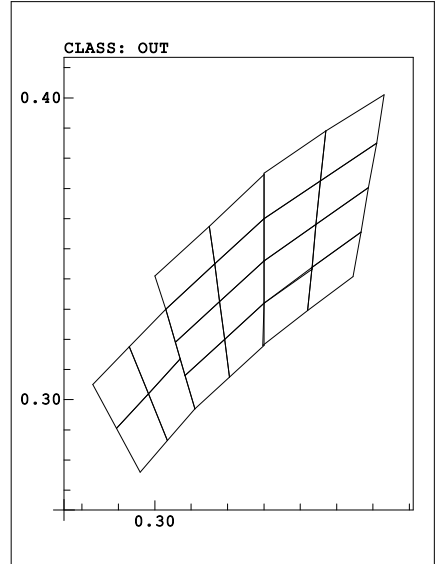
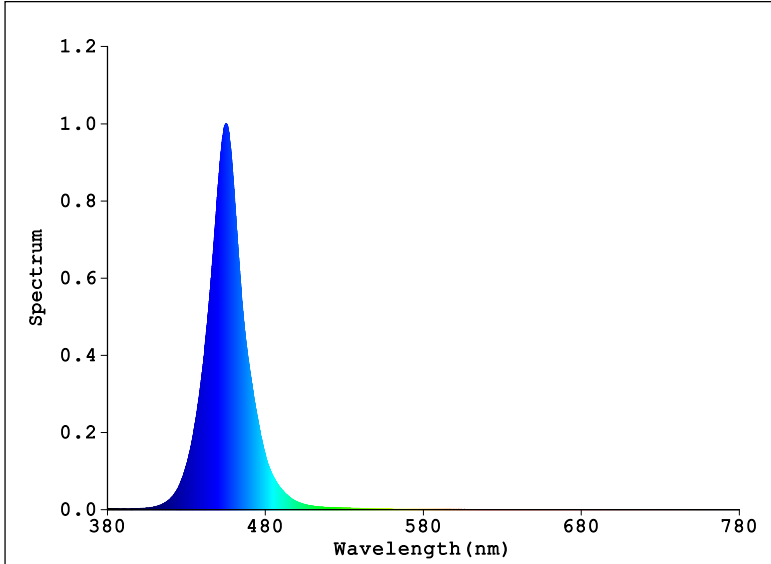


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1482$ $y=0.0346$ $u'=0.1900$ $v'=0.0999$ $duv=-1.995e-001$
 Tc=100000K Dominant WL:Ld=459.5nm Purity=98.2%
 Ratio:R=0.3% G=13.5% B=86.1% Peak WL:Lp=455.1nm HWL:22.4nm
 Render Index:Ra=-57.1
 R1 =-17 R2 =-48 R3 =-148 R4 =-95 R5 =0 R6 =-57 R7 =-52
 R8 =-41 R9 =-286 R10=-231 R11=-126 R12=-121 R13=-35 R14=-33 R15=2

Photo Parameters:

Flux = 9.461 lm Eff. : 19.43 lm/W Fe = 212.2 mW

Electrical parameters:

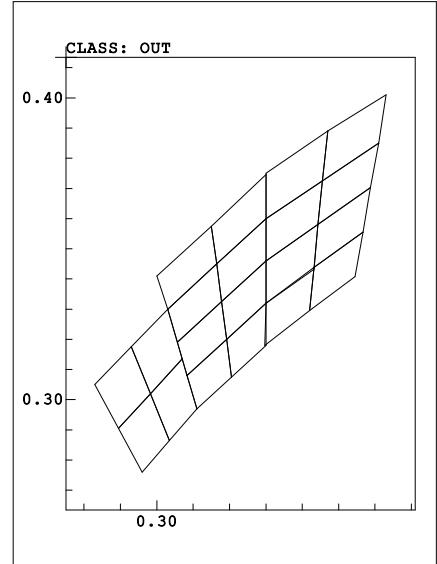
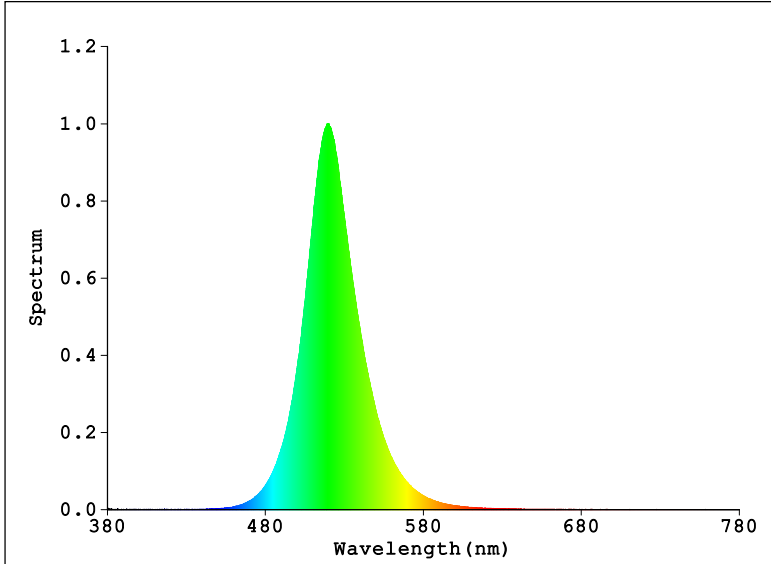
VF = 3.248 V IF = 149.9 mA P = 486.9 mW Ch1
 LEVEL:508 WHITE:OUT

Status: T=15.00ms Ip=48622 (74%) [PHAD=98] [HAAS2000_V1_USB] V2.00.167

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

Number:40591
 Date:2020-06-28
 Humidity:%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1657$ $y=0.7075$ $u'=0.0594$ $v'=0.5706$ $duv=1.566e-001$
 Tc=7985K Dominant WL:Ld=524.8nm Purity=75.8%
 Ratio:R=0.3% G=97.4% B=2.3% Peak WL:Lp=520.1nm HWL:34.5nm
 Render Index:Ra=-18.7
 R1 =-34 R2 =-2 R3 =-9 R4 =-58 R5 =-8 R6 =-10 R7 =1
 R8 =-29 R9 =-357 R10=-92 R11=-85 R12=-22 R13=-38 R14=46 R15=-32

Photo Parameters:

Flux = 42.27 lm Eff. : 87.99 lm/W Fe = 89.48 mW

Electrical parameters:

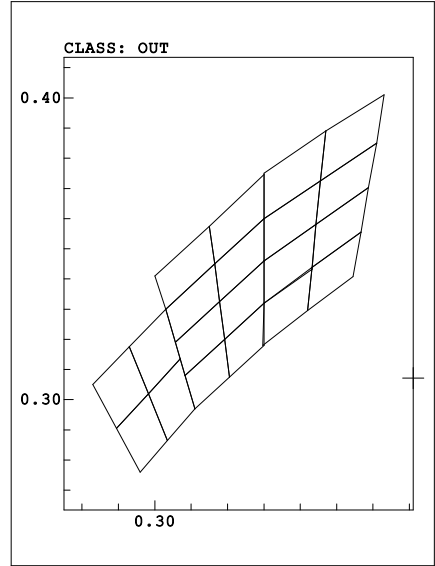
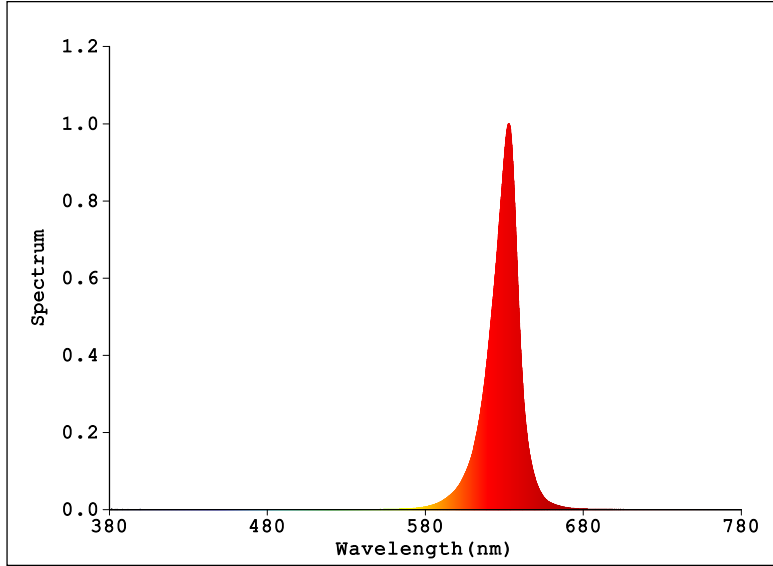
VF = 3.205 V IF = 149.9 mA P = 480.4 mW Ch1
 LEVEL:519 WHITE:OUT

Status: T=15.00ms Ip=23754 (36%) [PHAD=98] [HAAS2000_V1_USB] V2.00.167

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

Number:40592
 Date:2020-06-28
 Humidity:%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6926$ $y=0.3071$ $u'=0.5227$ $v'=0.5215$ $duv=-7.514e-002$
 Tc=1001K Dominant WL:Ld=620.6nm Purity=100.0%
 Ratio:R=94.7% G=5.3% B=0.0% Peak WL:Lp=632.7nm HWL:17.5nm
 Render Index:Ra=20.9
 R1 =12 R2 =78 R3 =37 R4 =-18 R5 =8 R6 =89 R7 =15
 R8 =-53 R9 =-194 R10=72 R11=-9 R12=79 R13=32 R14=64 R15=-23

Photo Parameters:

Flux = 20.27 lm Eff. : 58.80 lm/W Fe = 100.9 mW

Electrical parameters:

VF = 2.300 V IF = 149.9 mA P = 344.8 mW Ch1
 LEVEL:328 WHITE:OUT

Status: T=13.00ms Ip=54019 (82%) [PHAD=98] [HAAS2000_V1_USB] V2.00.167

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

Number:40593
 Date:2020-06-28
 Humidity:%
 Remarks: