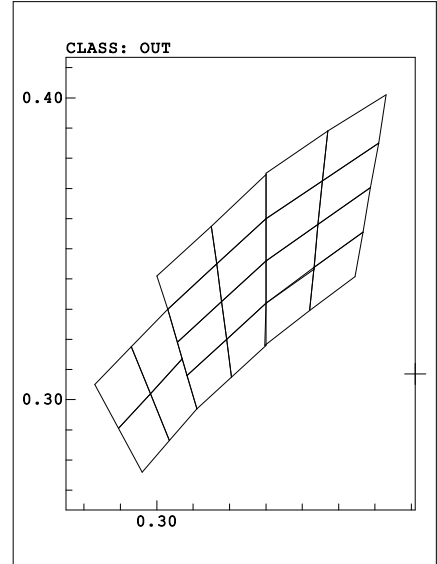
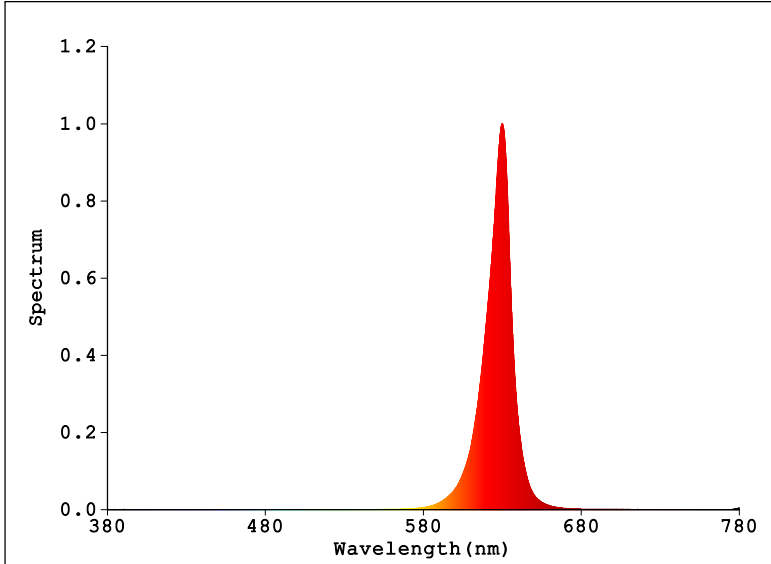


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6911$ $y=0.3085$ $u'=0.5197$ $v'=0.5219$ $duv=-7.206e-002$
 Tc=1001K Dominant WL:Ld=619.9nm Purity=100.0%
 Ratio:R=95.6% G=4.4% B=0.0% Peak WL:Lp=629.9nm HWL:15.8nm
 Render Index:Ra=16.3
 R1 =9 R2 =78 R3 =32 R4 =-24 R5 =3 R6 =90 R7 =8
 R8 =-66 R9 =-215 R10=71 R11=-14 R12=79 R13=31 R14=61 R15=-30

Photo Parameters:

Flux = 2.333 lm Eff. : 51.06 lm/W Fe = 10.86 mW

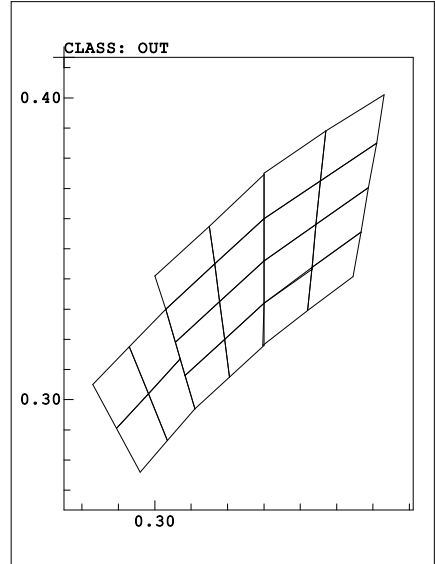
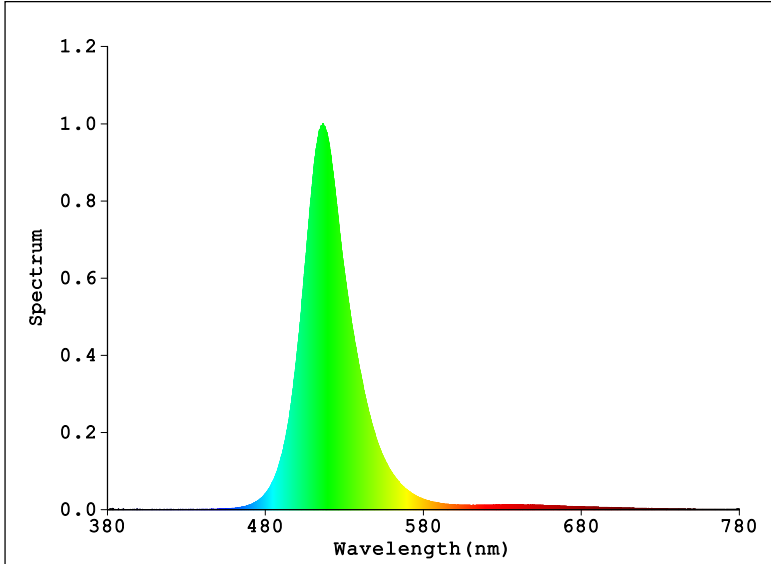
Electrical parameters:

VF = 2.296 V IF = 19.90 mA P = 45.69 mW Ch1
 LEVEL:327 WHITE:OUT

Status: T=111.00ms Ip=53906 (82%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:2835 22*35双 450-455nm	Number:43338
Tester:	Date:2020-08-04
Temperature:Deg	Humidity:%
Manufactory:	Remarks:
Assessor:damin	
System:WY + HAAS2000_V1_USB	

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1568$ $y=0.7096$ $u'=0.0560$ $v'=0.5701$ $duv=1.594e-001$
 Tc=8130K Dominant WL:Ld=523.2nm Purity=75.6%
 Ratio:R=0.9% G=96.9% B=2.2% Peak WL:Lp=516.5nm HWL:31.6nm
 Render Index:Ra=-21.6
 R1 =-29 R2 =-7 R3 =-23 R4 =-60 R5 =-5 R6 =-15 R7 =-7
 R8 =-27 R9 =-320 R10=-103 R11=-87 R12=-29 R13=-36 R14=39 R15=-27

Photo Parameters:

Flux = 5.279 lm Eff. : 73.73 lm/W Fe = 11.83 mW

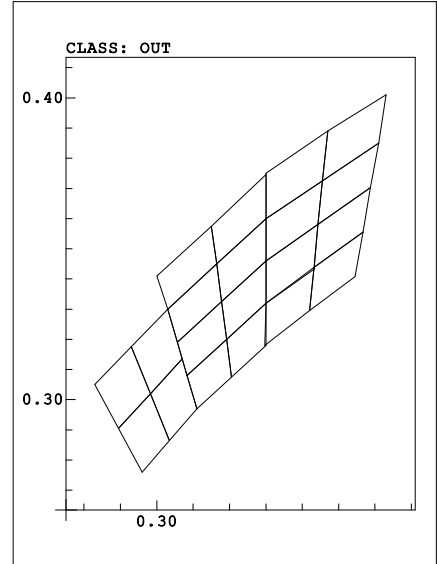
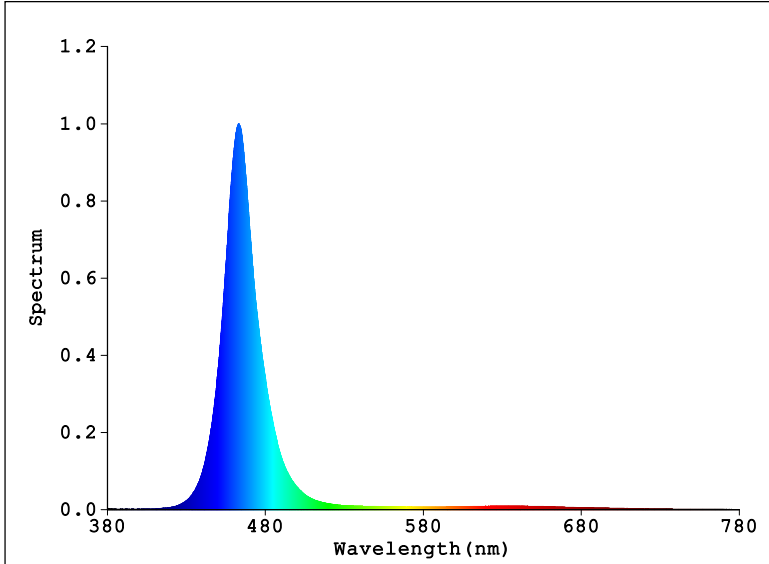
Electrical parameters:

VF = 3.598 V IF = 19.90 mA P = 71.61 mW Ch1
 LEVEL:618 WHITE:OUT

Status: T=111.00ms Ip=23974 (37%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:2835 22*35双 450-455nm Number:43339
 Tester: Date:2020-08-04
 Temperature:Deg Humidity:%
 Manufactory: Remarks:
 Assessor:damin
 System:WY + HAAS2000_V1_USB

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1449$ $y=0.0690$ / $u'=0.1638$ $v'=0.1755$ $duv=1.499e-001$
 Tc=100000K Dominant WL:Ld=467.6nm Purity=92.7%
 Ratio:R=5.0% G=27.6% B=67.4% Peak WL:Lp=463.0nm HWL:22.1nm
 Render Index:Ra=-25.5
 R1 =42 R2 =-21 R3 =-133 R4 =-61 R5 =48 R6 =-23 R7 =-39
 R8 =-19 R9 =-71 R10=-197 R11=-79 R12=-61 R13=18 R14=-24 R15=42

Photo Parameters:

Flux = 1.554 lm Eff. : 23.82 lm/W Fe = 20.07 mW

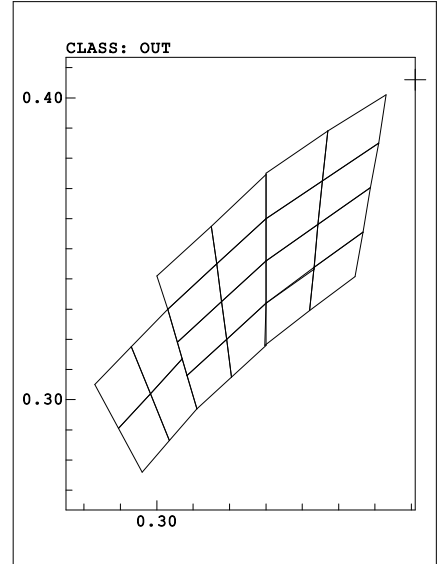
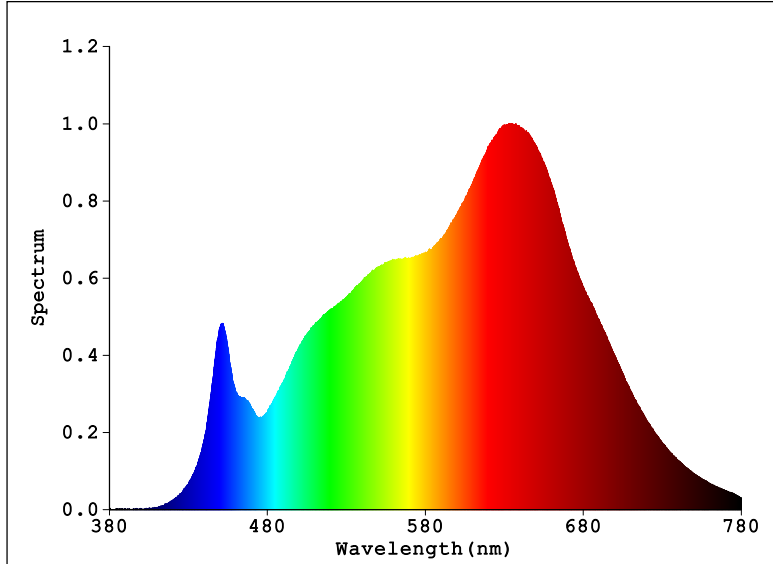
Electrical parameters:

VF = 3.278 V IF = 19.90 mA P = 65.24 mW Ch1
 LEVEL:507 WHITE:OUT

Status: T=119.00ms Ip=38190 (58%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:2835 22*35双 450-455nm	Number:43340
Tester:	Date:2020-08-04
Temperature:Deg	Humidity:%
Manufactory:	Remarks:
Assessor:damin	
System:WY + HAAS2000_V1_USB	

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4309$ $y=0.4060$ / $u'=0.2459$ $v'=0.5212$ $duv=1.657e-003$
 Tc=3120K Dominant WL:Ld=581.7nm Purity=51.2%
 Ratio:R=25.9% G=71.2% B=2.9% Peak WL:Lp=634.6nm HWL:173.8nm
 Render Index:Ra=98.0
 R1 =98 R2 =100 R3 =95 R4 =97 R5 =99 R6 =99 R7 =99
 R8 =98 R9 =99 R10=98 R11=95 R12=87 R13=98 R14=96 R15=98

Photo Parameters:

Flux = 6.142 lm Eff. : 96.51 lm/W Fe = 22.73 mW

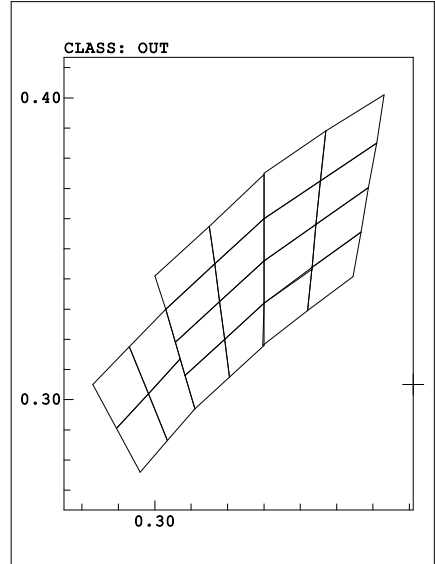
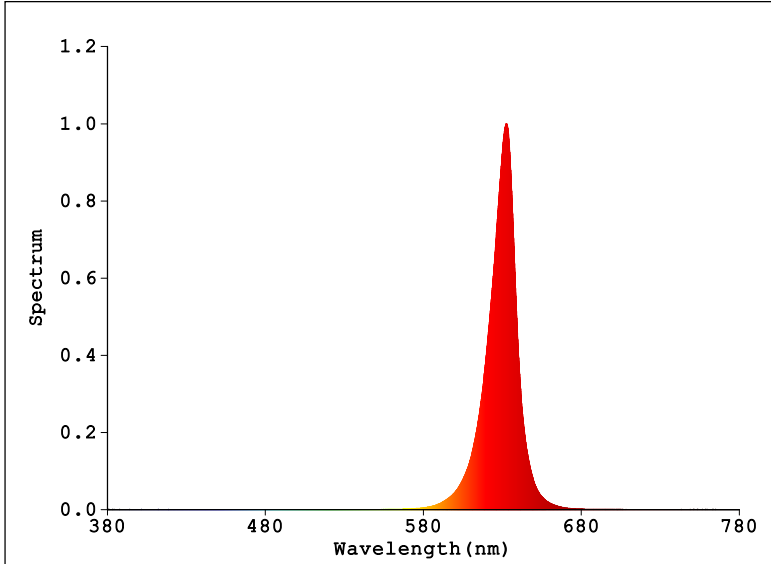
Electrical parameters:

VF = 3.198 V IF = 19.90 mA P = 63.64 mW Ch1
 LEVEL:528 WHITE:OUT

Status: T=159.00ms Ip=18808 (29%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:2835 22*35双 450-455nm Number:43341
 Tester: Date:2020-08-04
 Temperature:Deg Humidity:%
 Manufactory: Remarks:
 Assessor:damin
 System:WY + HAAS2000_V1_USB

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6946$ $y=0.3050$ / $u'=0.5271$ $v'=0.5208$ $duv=-7.956e-002$
 Tc=1001K Dominant WL:Ld=621.7nm Purity=99.9%
 Ratio:R=96.0% G=4.0% B=0.0% Peak WL:Lp=632.5nm HWL:16.9nm
 Render Index:Ra=17.3
 R1 =9 R2 =78 R3 =34 R4 =-23 R5 =4 R6 =89 R7 =10
 R8 =-63 R9 =-211 R10=71 R11=-12 R12=79 R13=31 R14=62 R15=-29

Photo Parameters:

Flux = 2.715 lm Eff. : 56.31 lm/W Fe = 13.76 mW

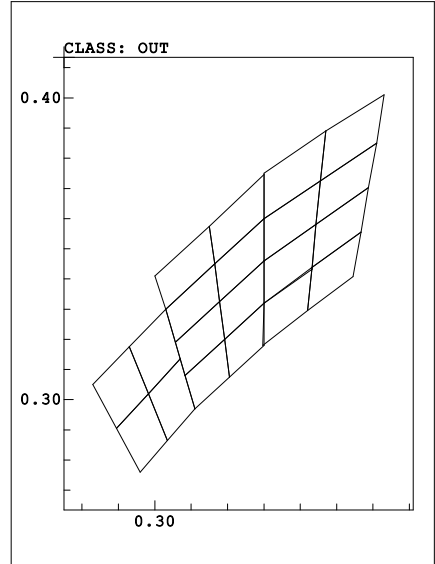
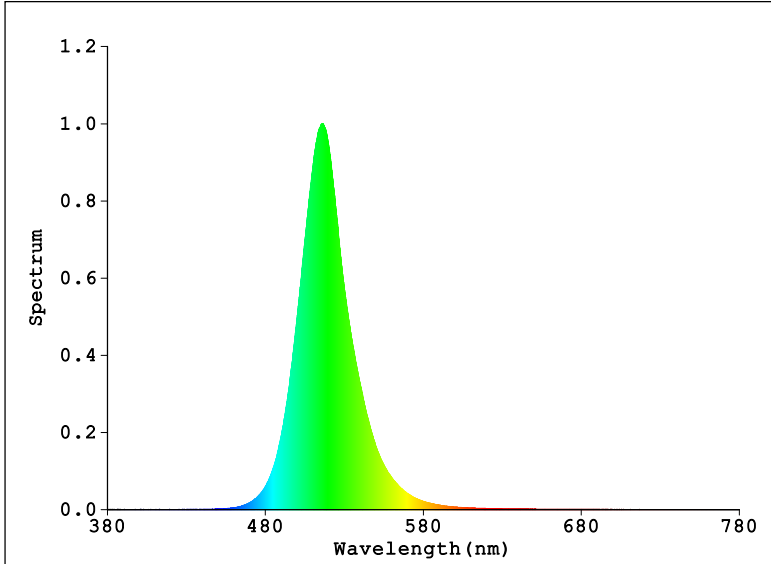
Electrical parameters:

VF = 2.423 V IF = 19.90 mA P = 48.22 mW Ch1
 LEVEL:327 WHITE:OUT

Status: T=1056.00ms Ip=56334 (86%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:2835 22*35双 450-455nm	Number:43249
Tester:	Date:2020-08-04
Temperature:Deg	Humidity:%
Manufactory:	Remarks:
Assessor:damin	
System:WY + HAAS2000_V1_USB	

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1369$ $y=0.7038$ $u'=0.0490$ $v'=0.5670$ $duv=1.645e-001$
 Tc=8533K Dominant WL:Ld=519.2nm Purity=74.2%
 Ratio:R=0.3% G=96.5% B=3.2% Peak WL:Lp=516.4nm HWL:32.3nm
 Render Index:Ra=-23.4
 R1 =-35 R2 =-7 R3 =-22 R4 =-62 R5 =-8 R6 =-17 R7 =-6
 R8 =-30 R9 =-352 R10=-104 R11=-89 R12=-29 R13=-41 R14=39 R15=-31

Photo Parameters:

Flux = 5.272 lm Eff. : 85.22 lm/W Fe = 12.11 mW

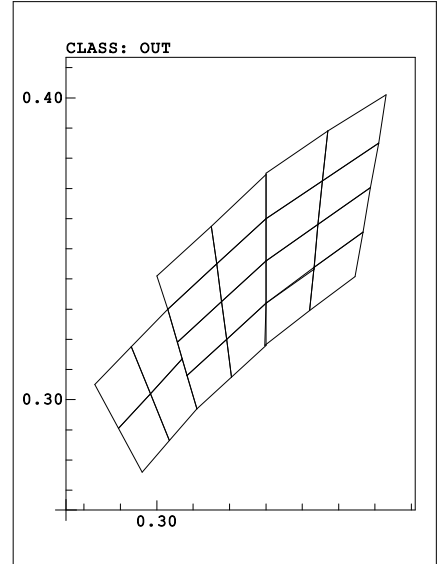
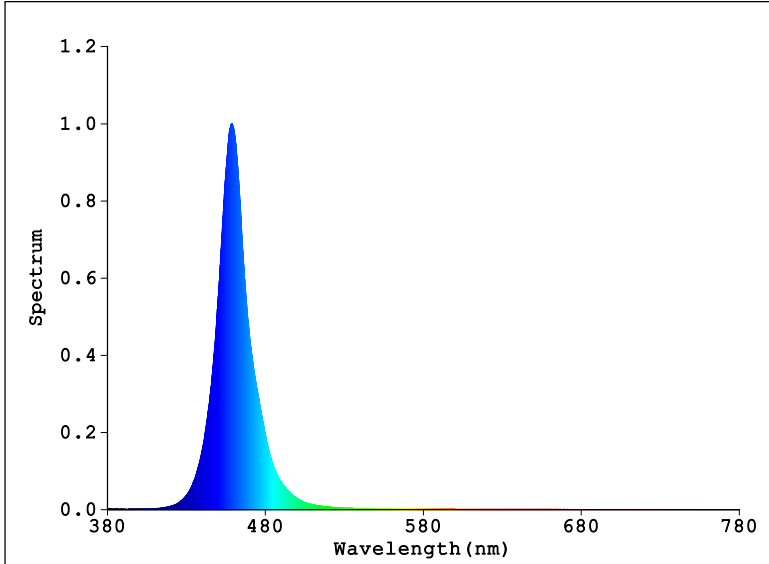
Electrical parameters:

VF = 3.109 V IF = 19.90 mA P = 61.87 mW Ch1
 LEVEL:518 WHITE:OUT

Status: T=264.00ms Ip=57999 (89%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:2835 22*35双 450-455nm Number:43250
 Tester: Date:2020-08-04
 Temperature:Deg Humidity:%
 Manufactory: Remarks:
 Assessor:damin
 System:WY + HAAS2000_V1_USB

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1435$ $y=0.0448$ $u'=0.1766$ $v'=0.1240$ $duv=1.833e-001$
 Tc=100000K Dominant WL:Ld=463.6nm Purity=97.2%
 Ratio:R=0.9% G=16.7% B=82.4% Peak WL:Lp=458.9nm HWL:19.4nm
 Render Index:Ra=-50.7
 R1 = -7 R2 = -40 R3 = -142 R4 = -89 R5 = 9 R6 = -48 R7 = -49
 R8 = -39 R9 = -259 R10 = -215 R11 = -117 R12 = -101 R13 = -24 R14 = -31 R15 = 7

Photo Parameters:

Flux = 1.205 lm Eff. : 18.56 lm/W Fe = 21.69 mW

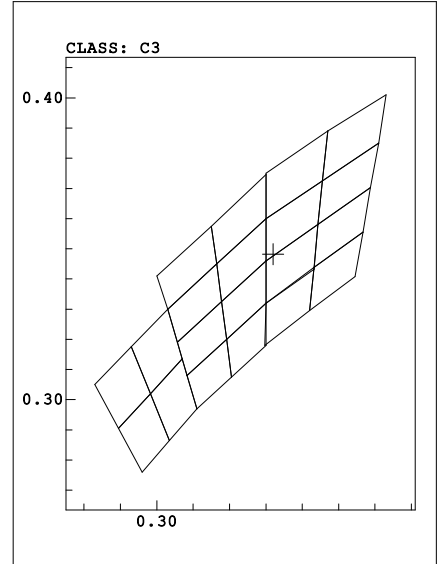
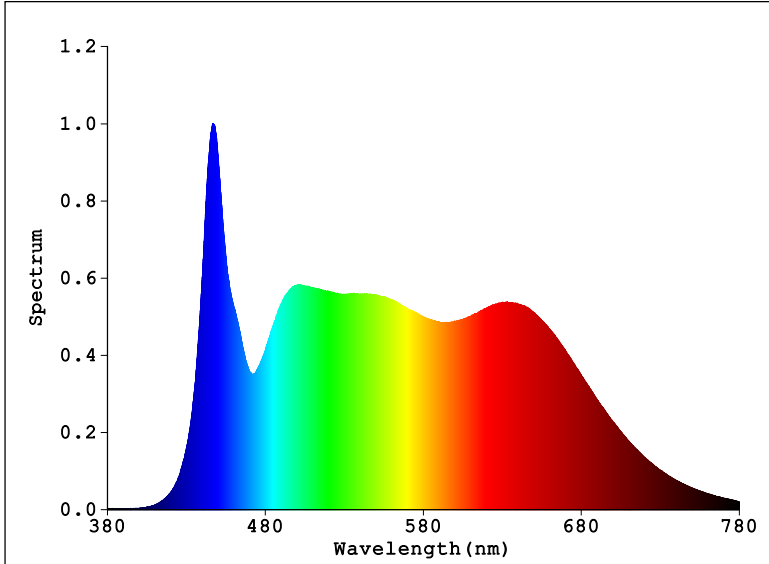
Electrical parameters:

VF = 3.264 V IF = 19.90 mA P = 64.96 mW Ch1
 LEVEL:507 WHITE:OUT

Status: T=132.00ms Ip=49846 (76%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:2835 22*35双 450-455nm	Number:43251
Tester:	Date:2020-08-04
Temperature:Deg	Humidity:%
Manufactory:	Remarks:
Assessor:damin	
System:WY + HAAS2000_V1_USB	

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3320$ $y=0.3482$ $u'=0.2038$ $v'=0.4811$ $duv=3.839e-003$
 Tc=5523K Dominant WL:Ld=549.8nm Purity=4.1%
 Ratio:R=18.0% G=76.3% B=5.7% Peak WL:Lp=446.9nm HWL:23.1nm
 Render Index:Ra=98.1
 R1 =99 R2 =99 R3 =97 R4 =97 R5 =99 R6 =98 R7 =98
 R8 =97 R9 =94 R10=98 R11=95 R12=86 R13=99 R14=98 R15=98

Photo Parameters:

Flux = 5.646 lm Eff. : 86.45 lm/W Fe = 21.12 mW

Electrical parameters:

VF = 3.281 V IF = 19.90 mA P = 65.30 mW Ch1
 LEVEL:518 WHITE:C3

Status: T=741.00ms Ip=51306 (78%) [PHAD=97] [HAAS2000_V1_USB] V2.00.167

Model:2835 22*35双 450-455nm Number:43252
 Tester: Date:2020-08-04
 Temperature:Deg Humidity:%
 Manufactory: Remarks:
 Assessor:damin
 System:WY + HAAS2000_V1_USB