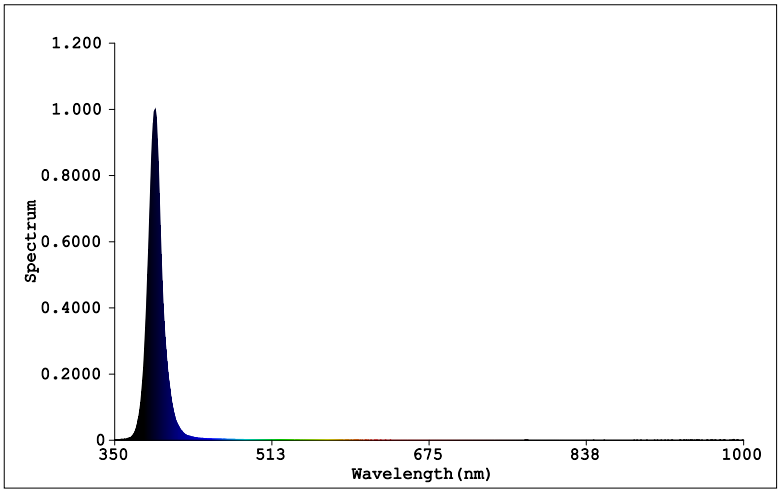
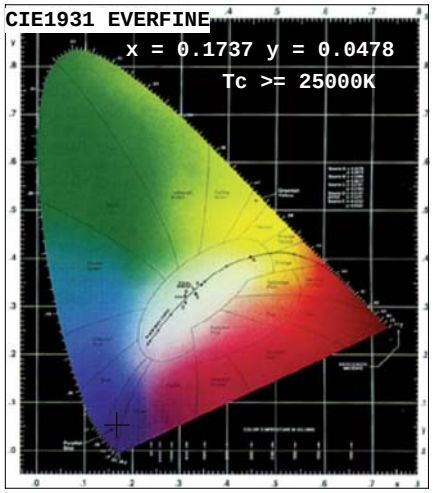
Spectrum Test Report





Color Parameters:

Chromaticity Coordinate(2Deg):x=0.1737 y=0.0478/u'=0.2153 v'=0.1334 duv=-1.804e-001

Tc=100000K Dominant WL:Ld=449.8nm Purity=90.4%

Ratio:R=4.8% G=66.1% B=29.1% Peak WL:Lp=392.0nm HWL:14.7nm

Render Index:Ra=13.1

R1 =41.49	R2 =57.13	R3 =-30.09	R4 =-21.93	R5 =40.85
R6 =-2.27	R7 =22.89	R8 =-3.04	R9 =-117.26	R10=-25.35
R11=-22.94	R12=-107.06	R13=74.93	R14=30.40	R15=63.76

TM30 Parameters: Rf = 0.0, Rg:-84.5

Photo Parameters:

Flux = 2.714 lm Eff. : 1.06 lm/W Fe = 887.2 mW

Photons(umol/s): 5.370e-001[400~500nm] 1.573e-002[500~600nm] 3.751e-003[600~700nm]

Photosynthetic(400-700nm):PPF:0.55687µmol/s
PRF:161.07mW
Eff(PPF):0.22µmol/s/W

Electrical parameters:

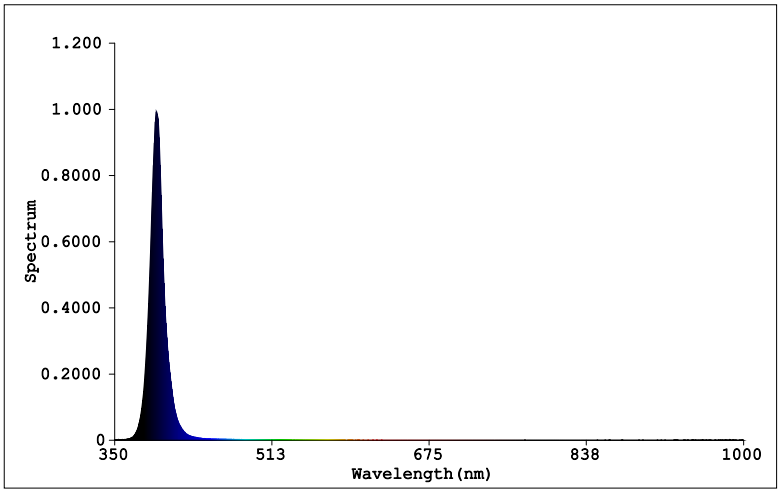
VF = 3.663 V IF = 699.8 mA P = 2564 mW Ch1

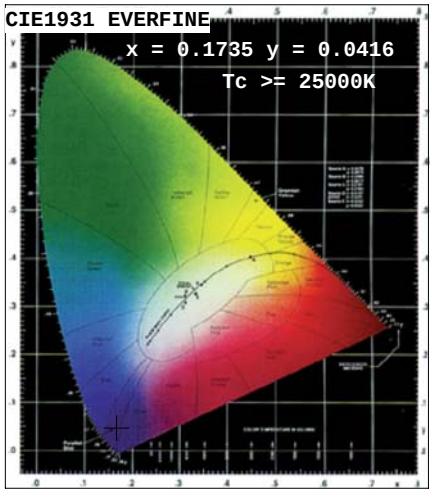
LEVEL:**[OUT] WHITE:OUT

Status: T=21.00ms Ip=45879 (70%) [HAAS2000_V3_USB] V2.00.288

Model:	Number:136
Tester:Robin	Date:2019-01-14 15-57
Temperature:25.3Deg	Humidity:65.0%
Manufactory:EVERFINE	Remarks:---2835 940
Assessor:damin	
System:WY + HAAS2000_V3_USB	

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate(2Deg):x=0.1735 y=0.0416/u'=0.2201 v'=0.1188 duv=-1.909e-001

Tc=100000K Dominant WL:Ld=447.3nm Purity=91.8%

Ratio:R=4.7% G=65.2% B=30.1% Peak WL:Lp=393.4nm HWL:14.6nm

Render Index:Ra=8.8

R1 =39.71	R2 =51.00	R3 =-39.82	R4 =-30.67	R5 =38.83
R6 =-1.79	R7 =16.43	R8 =-3.66	R9 =-113.03	R10=-39.33
R11=-31.10	R12=-116.14	R13=78.55	R14=25.33	R15=67.28

TM30 Parameters: Rf = 0.0, Rg:-68.6

Photo Parameters:

Flux = 2.695 lm Eff. : 1.04 lm/W Fe = 885.2 mW

Photons(umol/s): 6.893e-001[400~500nm] 1.515e-002[500~600nm] 3.584e-003[600~700nm]

Photosynthetic(400-700nm):PPF:0.70849µmol/s
PRF:205.86mW
Eff(PPF):0.27µmol/s/W

Electrical parameters:

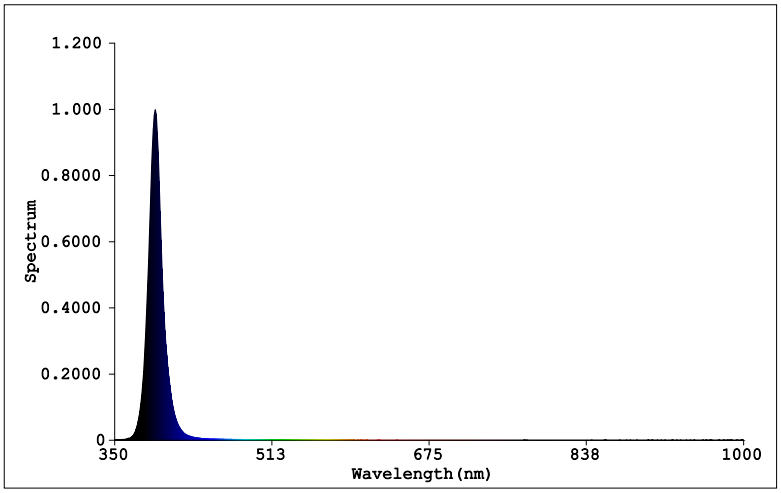
VF = 3.686 V IF = 699.8 mA P = 2580 mW Ch1

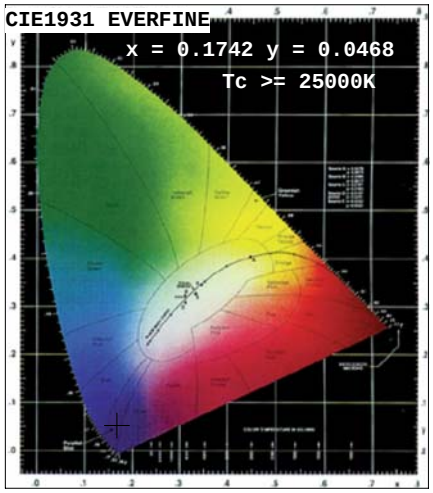
LEVEL:**[OUT] WHITE:OUT

Status: T=18.00ms Ip=41187 (63%) [HAAS2000_V3_USB] V2.00.288

Model:	Number:137
Tester:Robin	Date:2019-01-14 15-57
Temperature:25.3Deg	Humidity:65.0%
Manufactory:EVERFINE	Remarks:---2835 940
Assessor:damin	
System:WY + HAAS2000_V3_USB	

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate(2Deg):x=0.1742 y=0.0468/u'=0.2168 v'=0.1310 duv=-1.822e-001

Tc=100000K Dominant WL:Ld=449.1nm Purity=90.6%

Ratio:R=4.8% G=66.7% B=28.5% Peak WL:Lp=392.2nm HWL:14.8nm

Render Index:Ra=13.9

R1 =42.97	R2 =56.31	R3 =-29.16	R4 =-21.66	R5 =41.63
R6 =-1.07	R7 =22.79	R8 =-1.00	R9 =-108.47	R10=-26.23
R11=-21.52	R12=-107.76	R13=75.30	R14=31.01	R15=65.43

TM30 Parameters: Rf = 0.0, Rg:-80.9

Photo Parameters:

Flux = 2.606 lm Eff. : 1.03 lm/W Fe = 853.3 mW

Photons(umol/s): 5.441e-001[400~500nm] 1.492e-002[500~600nm] 3.548e-003[600~700nm]

Photosynthetic(400-700nm):PPF:0.56299µmol/s
PRF:163.07mW
Eff(PPF):0.22µmol/s/W

Electrical parameters:

VF = 3.630 V IF = 699.8 mA P = 2541 mW Ch1

LEVEL:**[OUT] WHITE:OUT

Status: T=22.00ms Ip=46163 (70%) [HAAS2000_V3_USB] V2.00.288

Model:	Number:138
Tester:Robin	Date:2019-01-14 15-58
Temperature:25.3Deg	Humidity:65.0%
Manufactory:EVERFINE	Remarks:---2835 940
Assessor:damin	
System:WY + HAAS2000_V3_USB	