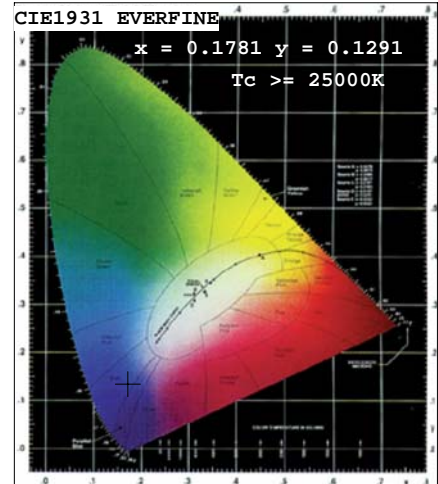
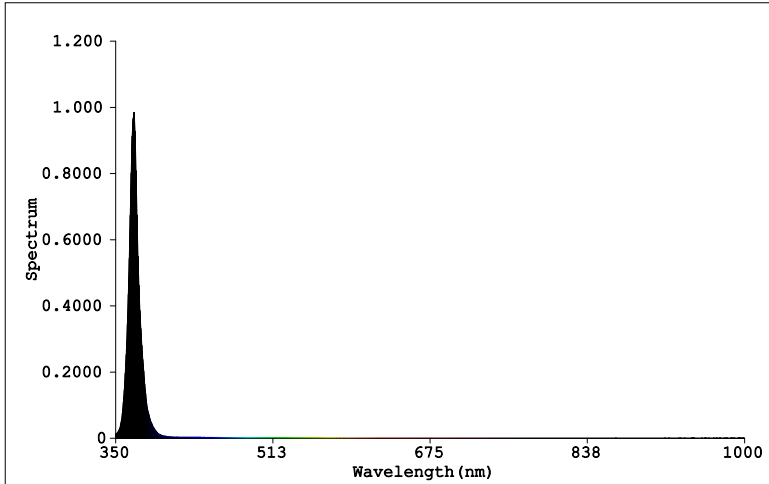


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate (2Deg): $x=0.1781$ $y=0.1291$ / $u'=0.1699$ $v'=0.2771$ $duv=8.190e-002$
 $T_c=100000K$ Dominant WL: $L_d=470.0nm$ Purity=74.1%
 Ratio: R=5.3% G=71.6% B=23.0% Peak WL: $L_p=368.5nm$ HWL: 10.0nm
 Render Index: $R_a=49.2$
 R1 =54.66 R2 =78.55 R3 =23.62 R4 =28.15 R5 =61.03
 R6 =55.37 R7 =56.86 R8 =35.75 R9 =-80.03 R10=40.56
 R11=17.14 R12=23.67 R13=69.68 R14=56.76 R15=59.74
 TM30 Parameters: $R_f = 25.7$, $R_g:115.5$

Photo Parameters:

Flux = 2.820 lm Eff. : 1.10 lm/W $F_e = 1156 mW$
 Photons($\mu mol/s$): $7.880e-002$ [400~500nm] $1.758e-002$ [500~600nm] $4.285e-003$ [600~700nm]
 Photosynthetic (400-700nm): PPF: $0.10069 \mu mol/s$
 PRF: 26.292mW
 Eff (PPF): $0.04 \mu mol/s/W$

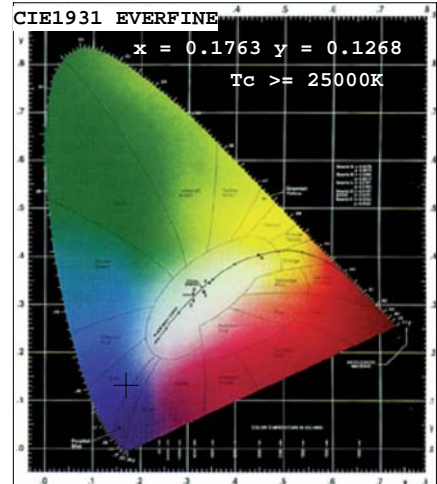
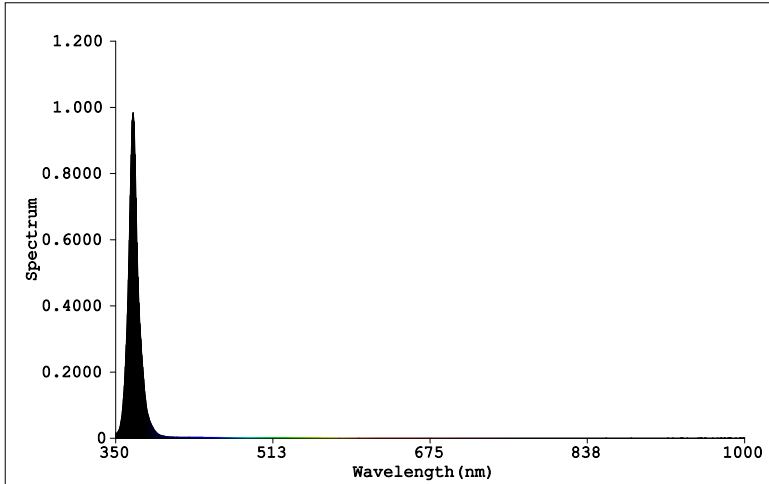
Electrical parameters:

VF = 3.674 V IF = 699.8 mA P = 2572 mW Ch1
 LEVEL:**[OUT] WHITE:OUT

Status: $T=16.00ms$ $I_p=37635$ (57%) [HAAS2000_V3_USB] V2.00.288

Model:	Number:133
Tester:Robin	Date:2019-01-14 15-48
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): $x=0.1763$ $y=0.1268$ / $u'=0.1692$ $v'=0.2737$ $duv=8.428e-002$
 $T_c=100000K$ Dominant WL:Ld=470.0nm Purity=75.0%
 Ratio:R=5.2% G=71.3% B=23.5% Peak WL:Lp=368.2nm HWL:9.7nm
 Render Index:Ra=47.0
 R1 =52.30 R2 =76.99 R3 =20.83 R4 =24.95 R5 =58.98
 R6 =54.45 R7 =54.90 R8 =32.22 R9 =-95.13 R10=38.07
 R11=13.04 R12=21.59 R13=66.99 R14=55.10 R15=57.15
 TM30 Parameters: Rf = 27.4, Rg:115.7

Photo Parameters:

Flux = 2.877 lm Eff. : 1.12 lm/W Fe = 1162 mW
 Photons($\mu\text{mol/s}$): $8.224e-002$ [400~500nm] $1.811e-002$ [500~600nm] $4.390e-003$ [600~700nm]
 Photosynthetic (400-700nm): PPF:0.10475 $\mu\text{mol/s}$
 PRF:27.352mW
 Eff (PPF):0.04 $\mu\text{mol/s/W}$

Electrical parameters:

VF = 3.686 V IF = 699.8 mA P = 2580 mW Ch1
 LEVEL:**[OUT] WHITE:OUT

Status: T=16.00ms Ip=37807 (58%) [HAAS2000_V3_USB] V2.00.288

Model:	Number:135
Tester:Robin	Date:2019-01-14 15-50
Temperature:25.3Deg	Humidity:65.0%
Manufactory:EVERFINE	Remarks:---2835 940
Assessor:damin	
System:WY + HAAS2000_V3_USB	