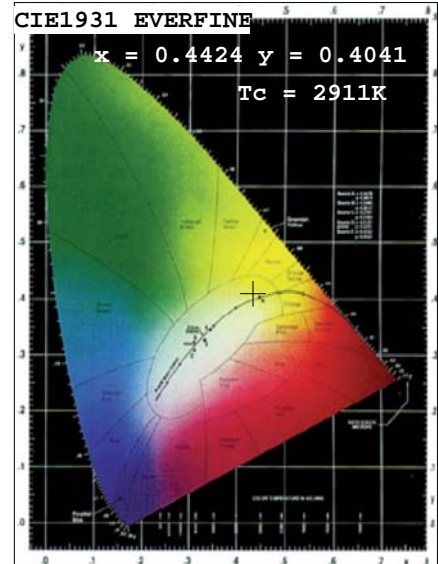
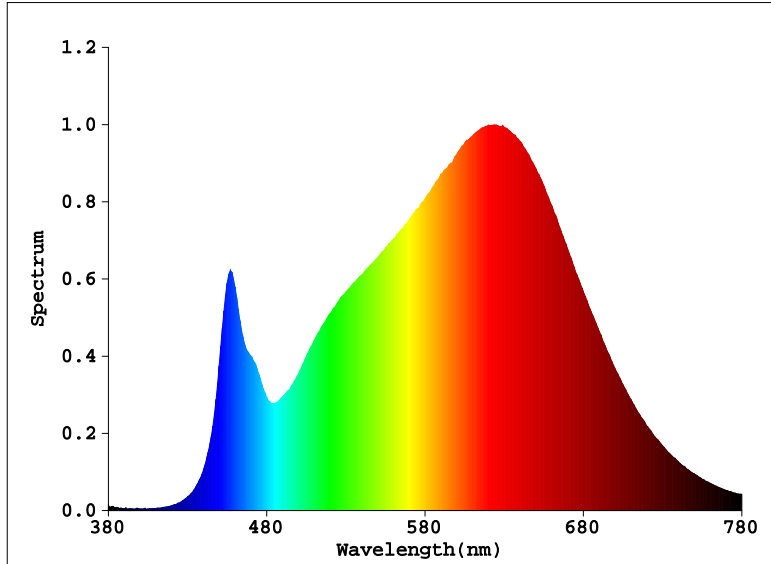


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4424$   $y=0.4041$  /  $u'=0.2541$   $v'=0.5222$   $duv=-2.244e-004$   
 Tc=2911K Dominant WL:Ld=583.5nm Purity=54.1%  
 Ratio:R=25.6% G=71.5% B=2.9% Peak WL:Lp=624.5nm HWL:167.9nm  
 Render Index:Ra=93.4 [暖白同1]  
 R1 =94 R2 =98 R3 =99 R4 =92 R5 =93 R6 =96 R7 =92  
 R8 =84 R9 =66 R10=93 R11=92 R12=77 R13=95 R14=99 R15=91

**Photo Parameters:**

$e=2.977e-002$ umol/s blue ratio=8.16 fluo. eff.= $2.921e-002$

Flux = 18.13 lm Eff. : 99.09 lm/W Fe = 59.96 mW

**Electrical parameters:**

VF = 3.049 V IF = 60.00 mA P = 182.9 mW Ch1

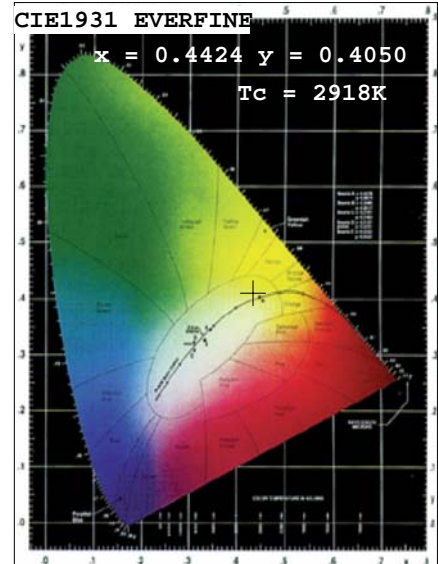
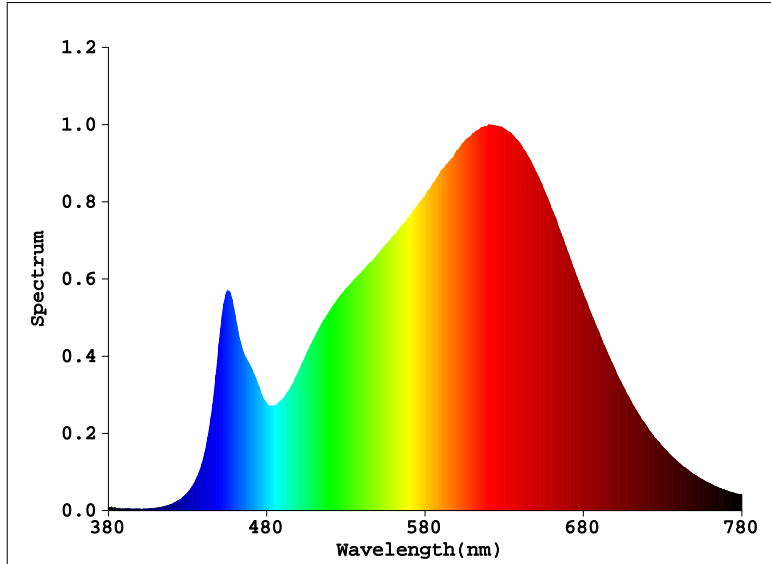
LEVEL:OUT WHITE:ANSI\_3000K

Status: T=148.00ms Ip=33206 (51%) [ HAAS2000\_V1\_USB ] V2.00.220

Model:5050  
 Tester:  
 Temperature:25Deg  
 Manufactory:  
 Assessor:damin  
 System:WY + HAAS2000\_V1\_USB

Number:52  
 Date:2018-05-20 11-15  
 Humidity:45%  
 Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4424$   $y=0.4050$  /  $u'=0.2537$   $v'=0.5226$   $duv=1.307e-004$   
 Tc=2918K Dominant WL:Ld=583.3nm Purity=54.4%  
 Ratio:R=25.5% G=71.8% B=2.8% Peak WL:Lp=622.5nm HWL:168.2nm  
 Render Index:Ra=92.9 [暖白同1]  
 R1 =93 R2 =97 R3 =98 R4 =92 R5 =92 R6 =95 R7 =92  
 R8 =83 R9 =63 R10=91 R11=92 R12=77 R13=94 R14=99 R15=90

**Photo Parameters:**

$e=2.808e-002$ umol/s blue ratio=8.27 fluo. eff.= $2.668e-002$

Flux = 17.23 lm Eff. : 91.04 lm/W Fe = 56.58 mW

**Electrical parameters:**

VF = 3.154 V IF = 60.00 mA P = 189.2 mW Ch1

LEVEL:OUT WHITE:ANSI\_3000K

Status: T=263.00ms Ip=55486 (85%) [ HAAS2000\_V1\_USB ] V2.00.220

Model:5050  
 Tester:  
 Temperature:25Deg  
 Manufactory:  
 Assessor:damin  
 System:WY + HAAS2000\_V1\_USB

Number:53  
 Date:2018-05-20 11-15  
 Humidity:45%  
 Remarks: