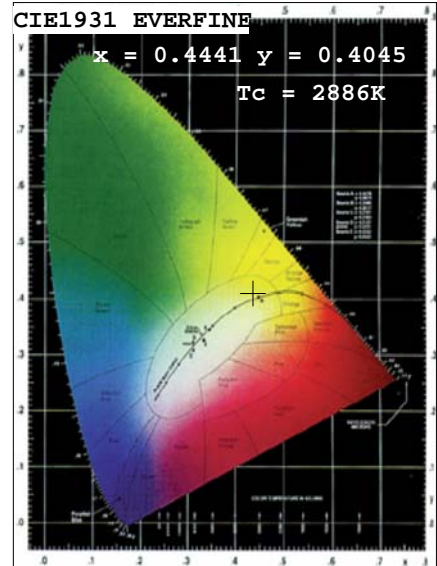
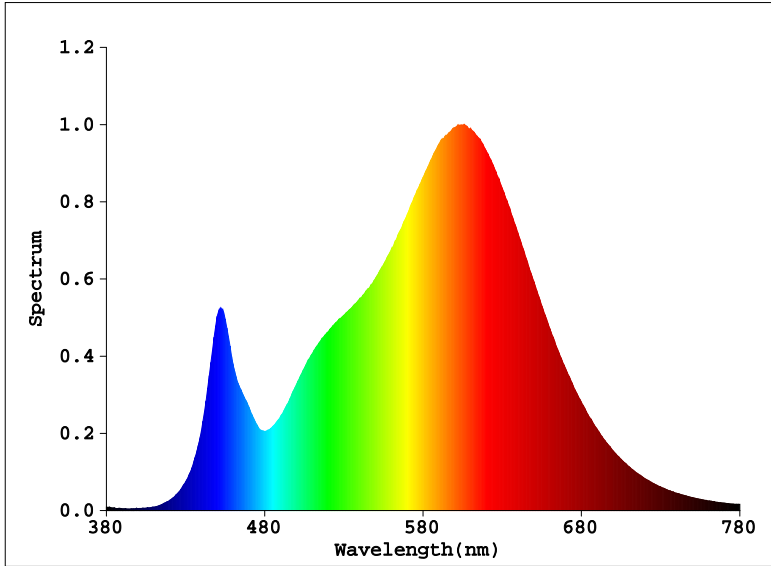


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4441$   $y=0.4045$  /  $u'=0.2550$   $v'=0.5226$   $duv=-3.169e-004$   
 Tc=2886K Dominant WL:Ld=583.6nm Purity=54.7%  
 Ratio:R=24.8% G=72.8% B=2.4% Peak WL:Lp=606.0nm HWL:129.1nm  
 Render Index:Ra=83.4 [暖白同1]  
 R1 =82 R2 =92 R3 =96 R4 =81 R5 =82 R6 =90 R7 =83  
 R8 =60 R9 =10 R10=82 R11=81 R12=73 R13=85 R14=99 R15=75

**Photo Parameters:**

$e=2.810e-002$ umol/s blue ratio=7.31 fluo. eff.= $2.711e-002$

Flux = 20.25 lm Eff. : 107.73 lm/W Fe = 57.91 mW

**Electrical parameters:**

VF = 3.133 V IF = 60.00 mA P = 187.9 mW Ch1

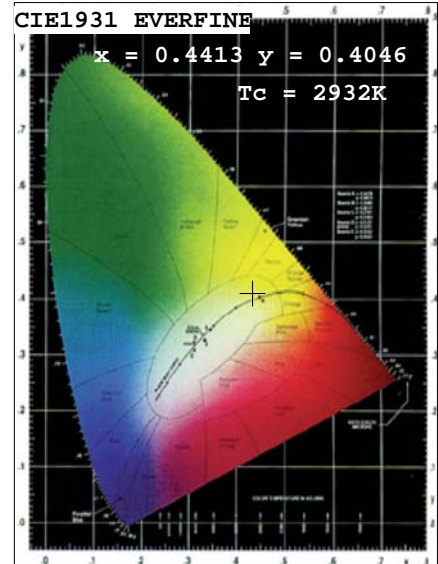
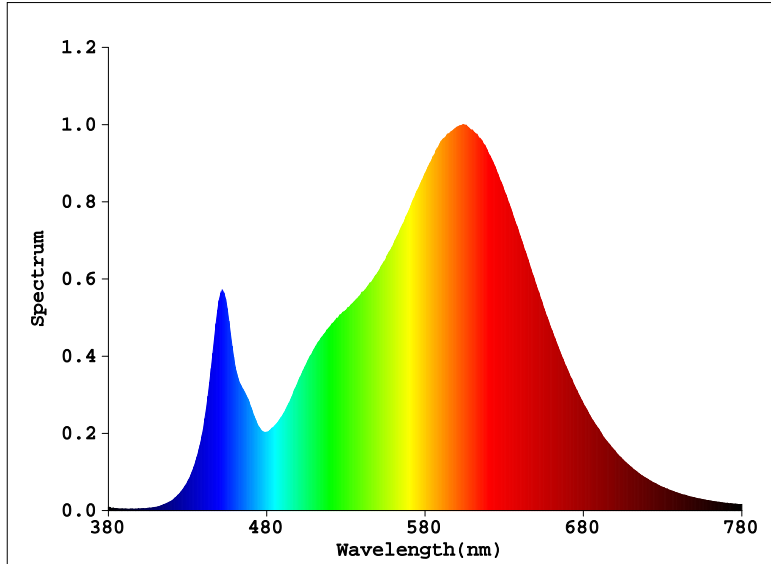
LEVEL:OUT WHITE:ANSI\_3000K

Status: T=228.00ms Ip=60039 (92%) [ HAAS2000\_V1\_USB ] V2.00.220

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

Number:34  
 Date:2018-05-20 11-04  
 Humidity:45%  
 Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4413$   $y=0.4046$  /  $u'=0.2532$   $v'=0.5222$   $duv=1.119e-004$   
 Tc=2932K Dominant WL:Ld=583.3nm Purity=53.9%  
 Ratio:R=24.4% G=73.2% B=2.4% Peak WL:Lp=603.5nm HWL:131.7nm  
 Render Index:Ra=83.2 [暖白同1]  
 R1 =82 R2 =91 R3 =96 R4 =81 R5 =82 R6 =90 R7 =83  
 R8 =60 R9 =9 R10=80 R11=81 R12=71 R13=84 R14=99 R15=74

**Photo Parameters:**

$e=2.764e-002$ umol/s blue ratio=7.19 fluo. eff.=2.623e-002  
 Flux = 20.05 lm Eff. : 104.99 lm/W Fe = 57.05 mW

**Electrical parameters:**

VF = 3.183 V IF = 60.00 mA P = 190.9 mW Ch1  
 LEVEL:OUT WHITE:ANSI\_3000K

Status: T=228.00ms Ip=58603 (89%) [ HAAS2000\_V1\_USB ] V2.00.220

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

Number:35  
 Date:2018-05-20 11-05  
 Humidity:45%  
 Remarks: