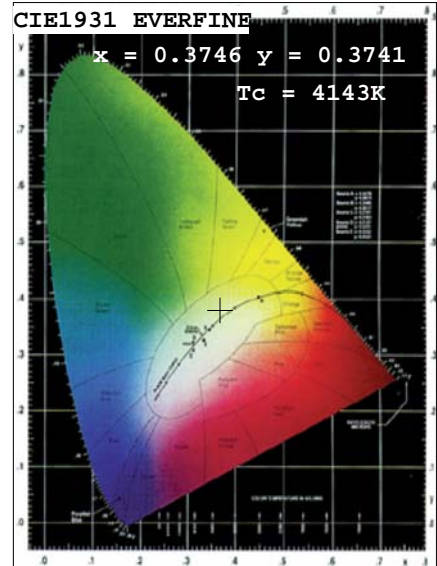
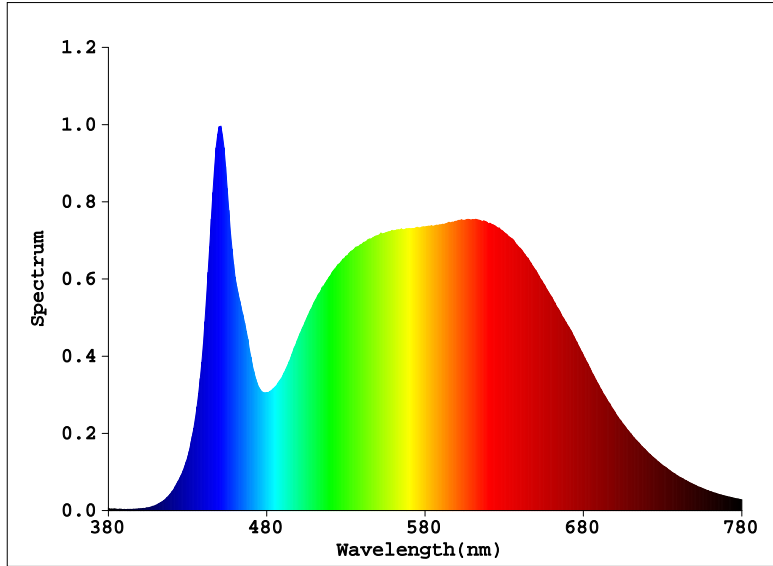


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3746$   $y=0.3741$  /  $u'=0.2223$   $v'=0.4996$   $duv=3.108e-004$   
 Tc=4143K Dominant WL:Ld=578.2nm Purity=24.7%  
 Ratio:R=20.1% G=76.2% B=3.7% Peak WL:Lp=450.6nm HWL:24.1nm  
 Render Index:Ra=90.9 [中性白]  
 R1 =91 R2 =93 R3 =93 R4 =91 R5 =90 R6 =89 R7 =95  
 R8 =86 R9 =63 R10=82 R11=90 R12=67 R13=91 R14=96 R15=90

**Photo Parameters:**

$e=1.792e-002$ umol/s blue ratio=4.43 fluo. eff.= $1.605e-002$   
 Flux = 21.71 lm Eff. : 113.98 lm/W Fe = 37.46 mW

**Electrical parameters:**

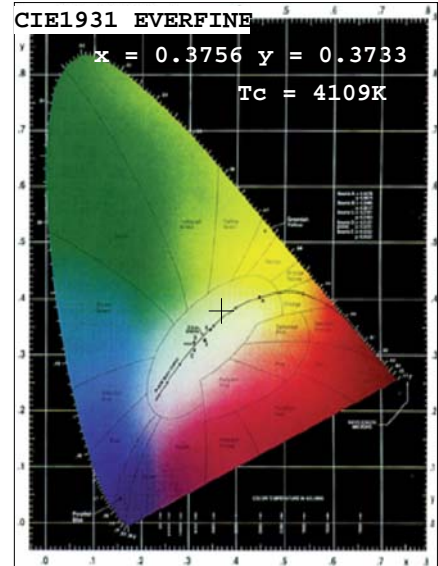
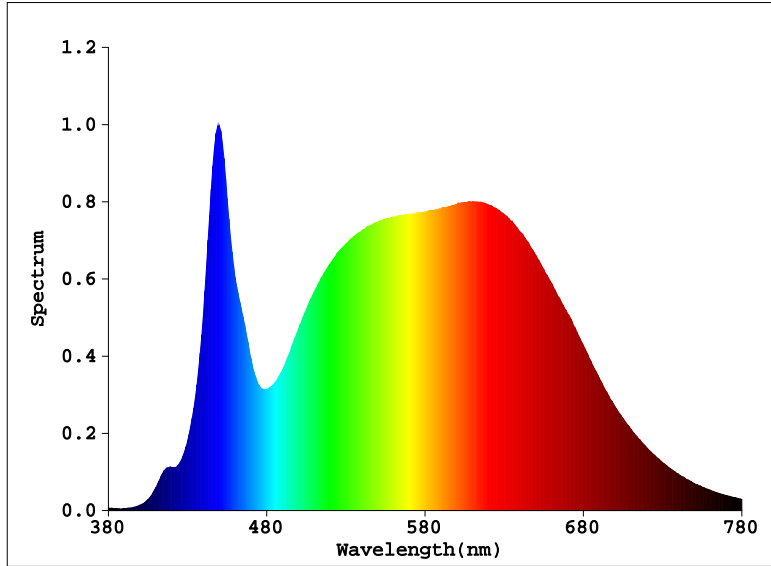
VF = 3.180 V IF = 59.90 mA P = 190.4 mW Ch1  
 LEVEL:518 WHITE:OUT

Status: T=419.00ms Ip=54388 (83%) [ HAAS2000\_V1\_USB ] V2.00.167

Model:2835  
 Tester:  
 Temperature:25.3Deg  
 Manufactory:  
 Assessor:damin  
 System:WY + HAAS2000\_V1\_USB

Number:N 28232  
 Date:2018-05-21  
 Humidity:65.0%  
 Remarks:0

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3756$   $y=0.3733$  /  $u'=0.2233$   $v'=0.4993$   $duv=-4.031e-004$   
 Tc=4109K Dominant WL:Ld=578.7nm Purity=24.7%  
 Ratio:R=20.3% G=76.1% B=3.6% Peak WL:Lp=449.5nm HWL:25.2nm  
 Render Index:Ra=91.0 [中性白]  
 R1 =91 R2 =93 R3 =92 R4 =92 R5 =90 R6 =89 R7 =94  
 R8 =87 R9 =64 R10=81 R11=91 R12=70 R13=92 R14=95 R15=90

**Photo Parameters:**

$e=1.787e-002$ umol/s blue ratio=4.33 fluo. eff.= $1.596e-002$   
 Flux = 21.50 lm Eff. : 112.88 lm/W Fe = 37.41 mW

**Electrical parameters:**

VF = 3.180 V IF = 59.90 mA P = 190.5 mW Ch1  
 LEVEL:518 WHITE:OUT

Status: T=419.00ms Ip=54256 (83%) [ HAAS2000\_V1\_USB ] V2.00.167

Model:2835  
 Tester:  
 Temperature:25.3Deg  
 Manufactory:  
 Assessor:damin  
 System:WY + HAAS2000\_V1\_USB

Number:N 28233  
 Date:2018-05-21  
 Humidity:65.0%  
 Remarks:0