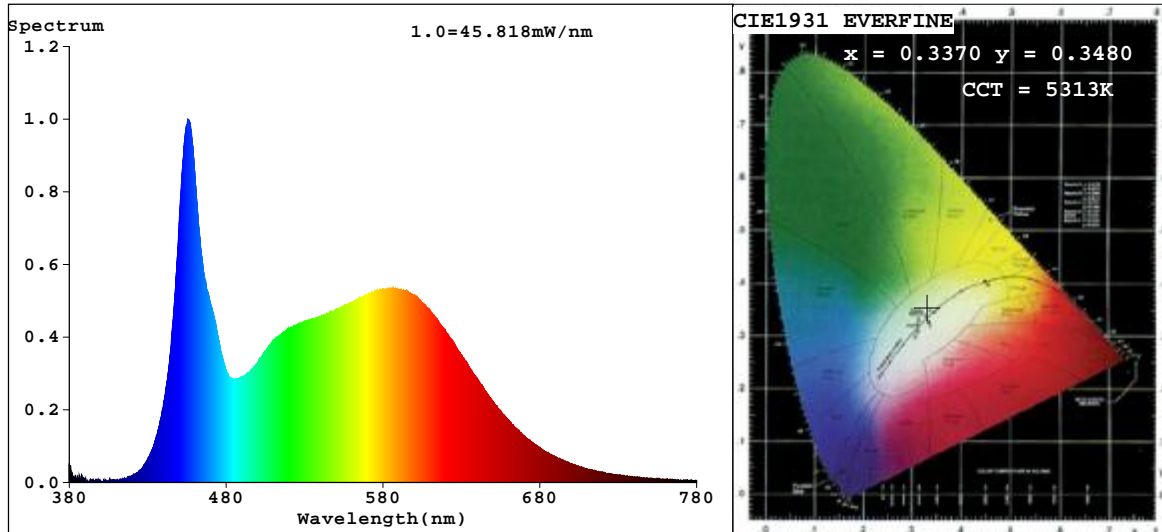


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3370$   $y=0.3480$  /  $u'=0.2073$   $v'=0.4817$   
 CCT=5313K (Duv=0.0015) Dominant WL:  $L_d = 563.7\text{nm}$  Purity=5.5%  
 Ratio: R=15.4% G=79.0% B=5.6% Peak WL:  $L_p=455.6\text{nm}$  FWHM=22.9nm  
 Render Index:  $R_a=84.4$   
 R1 =84 R2 =94 R3 =94 R4 =81 R5 =84 R6 =89 R7 =84  
 R8 =66 R9 =10 R10=84 R11=80 R12=62 R13=87 R14=98 R15=78

**Photo Parameters:**

Flux = 1524 lm Eff. : 159.69 lm/W  $F_e = 4.794$  W Scotopic: 3210.4 S/P: 2.1059  
 Photosynthetic: PPF: 21.496  $\mu\text{mol}/\text{m}^2/\text{s}$  PAR WATT: 4718.2  $\text{mW}/\text{m}^2$  (400-700nm)

**Electrical parameters:**

V = 23.998 V I = 0.3978 A P = 9.546 W PF = 1.000  
 LEVEL: OUT WHITE: ANSI\_5700K

Status: Integral T = 159 ms  $I_p = 45851$  (70%)

Model: 2835 128D 24V 9.6W 5000K Number: 432  
 Tester: Date: 2019-08-21  
 Temperature: 26DegDeg Humidity: 65%  
 Manufacturer: Unitop Remarks: 82R 27555 2.9-3.0V