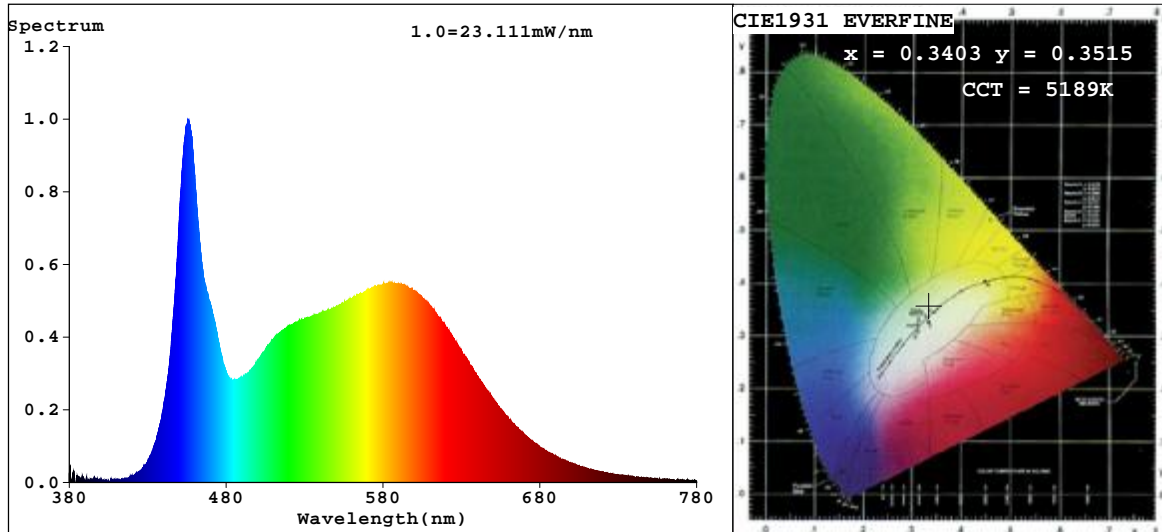


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3403$ $y=0.3515$ / $u'=0.2082$ $v'=0.4839$
 CCT=5189K (Duv=0.0019) Dominant WL: $L_d = 567.3\text{nm}$ Purity=7.6%
 Ratio: R=15.6% G=79.0% B=5.5% Peak WL: $L_p = 455.6\text{nm}$ FWHM=22.4nm
 Render Index: $R_a = 84.1$
 R1 =83 R2 =93 R3 =94 R4 =80 R5 =83 R6 =89 R7 =84
 R8 =65 R9 =8 R10=83 R11=80 R12=62 R13=87 R14=98 R15=78

Photo Parameters:

Flux = 784.7 lm Eff. : 149.44 lm/W $F_e = 2.451$ W Scotopic: 1627.4 S/P: 2.074
 Photosynthetic: PPF: 11.01 $\mu\text{mol}/\text{m}^2/\text{s}$ PAR WATT: 2411.8 mW/m^2 (400-700nm)

Electrical parameters:

V = 23.998 V I = 0.2188 A P = 5.251 W PF = 1.000
 LEVEL: OUT WHITE: ANSI_5000K

Status: Integral T = 238 ms $I_p = 34630$ (53%)

Model: 2835 64D 24V 4.8W 5000K	Number: 404
Tester:	Date: 2019-08-19
Temperature: 26DegDeg	Humidity: 65%
Manufacturer: Unitop	Remarks: 68R 15068 2.9-3.0V