

## Spectrum Test Report

Sample : 127051  
 Specification : SCOB-300F-7W-24V-W5-6000K  
 Sample No. :  
 Manufacturer :

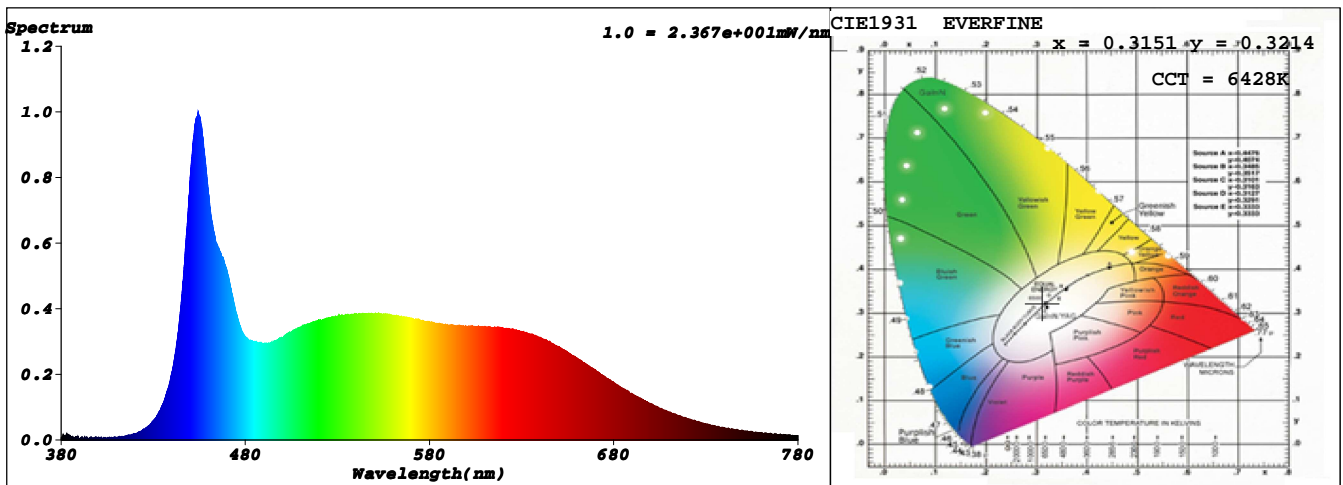
Date : 2025-12-11 19:52:25  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by :  
 Assessor : damin

### Test Condition

Temperature : 25.3Deg  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test

RH : 65.0%  
 IP : 9147 (14%)  
 T : 20 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3151$   $y = 0.3214$  /  $u' = 0.2024$   $v' = 0.4646$  ( $duv = -1.97e-03$ )

CCT= 6428K Prcp WL:  $L_d = 482.8\text{nm}$  Purity=7.2%

Peak WL:  $L_p = 454\text{nm}$  FWHM:  $=24.6\text{nm}$  Ratio: R=16.0% G=76.9% B=7.1%

Render Index:  $R_a = 94.4$

R1 =96 R2 =97 R3 =97 R4 =92 R5 =93 R6 =93 R7 =93  
 R8 =93 R9 =94 R10=97 R11=95 R12=67 R13=98 R14=99 R15=94

WHITE:ANSI\_6500K

### Photometric & Radiometric Parameters

Flux = 924.75 lm Eff. : 130.03 lm/W  $F_e = 2.3068\text{ W}$

### Electrical parameters

V = 24.00 V I = 0.3053 A P = 7.207 W PF = 1.000