

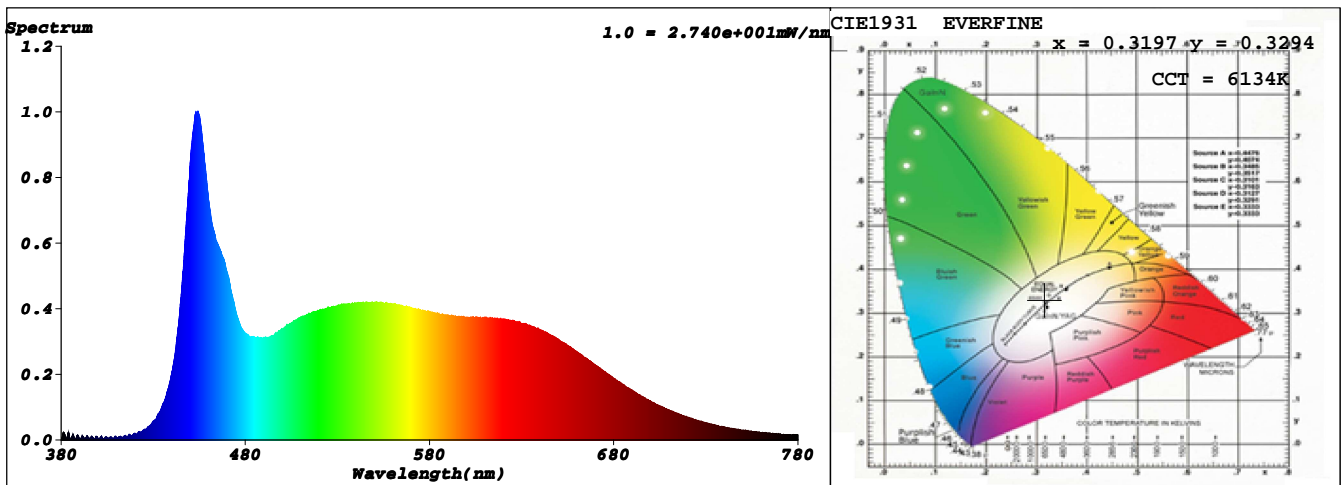
Spectrum Test Report

Sample	: 127054	Date	: 2025-12-11 20:13:53
Specification	: SCOB-256F-10W-48V-W10-6000K	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 10602 (16%)
Test Mode	: Fast Test	T	: 20 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3197$ $y = 0.3294$ / $u' = 0.2025$ $v' = 0.4696$ ($duv = -3.89e-05$)

CCT= 6134K Prcp WL: $L_d = 488.0nm$ Purity=4.9%

Peak WL: $L_p = 454nm$ FWHM: =24.7nm Ratio:R=16.0% G=77.3% B=6.7%

Render Index: $R_a = 94.5$

R1 =96 R2 =99 R3 =97 R4 =92 R5 =93 R6 =93 R7 =93

R8 =92 R9 =87 R10=97 R11=94 R12=67 R13=99 R14=99 R15=95

WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 982.01 lm Eff. : 90.56 lm/W $F_e = 2.8361 W$

Electrical parameters

V = 48.00 V I = 0.22 A P = 9.86 W PF = 1.000