

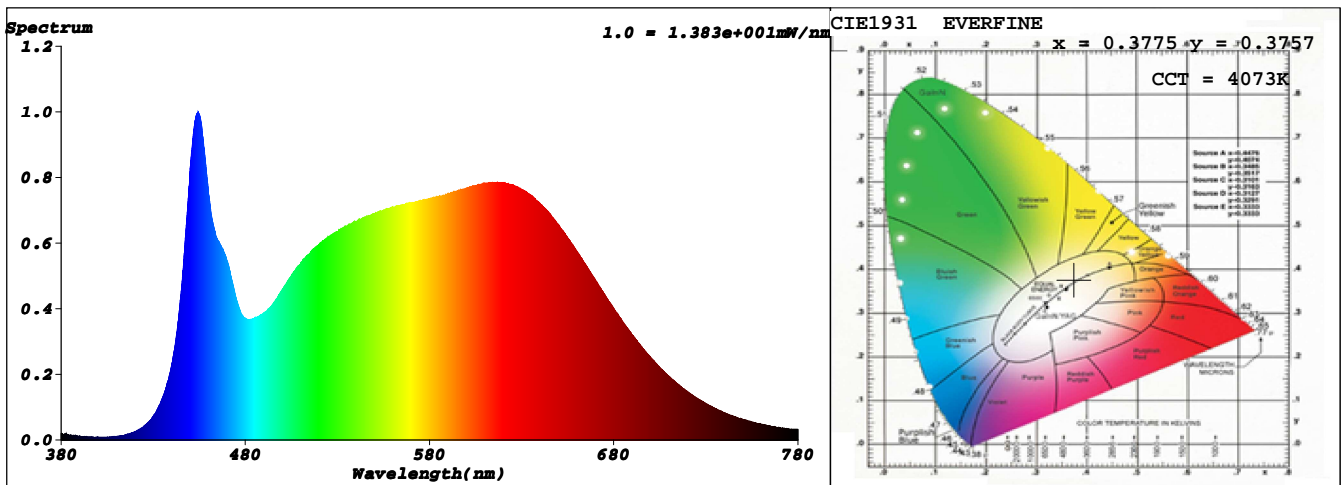
Spectrum Test Report

Sample	: 127050	Date	: 2025-12-11 19:50:22
Specification	: SCOB-300F-7W-24V-W5-4000K	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	: 52950 (81%)
Test Mode	: Fast Test	T	: 111 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3775$ $y = 0.3757$ / $u' = 0.2236$ $v' = 0.5007$ ($duv=3.56e-04$)

CCT= 4073K Prcp WL: $L_d=578.6nm$ Purity=26.0%

Peak WL: $L_p=454nm$ FWHM: =26.3nm Ratio:R=19.6% G=76.0% B=4.5%

Render Index: $R_a = 93.4$

R1 =94 R2 =97 R3 =98 R4 =91 R5 =92 R6 =94 R7 =94
R8 =87 R9 =70 R10=91 R11=92 R12=69 R13=95 R14=98 R15=92

WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 950.89 lm Eff. : 127.03 lm/W Fe = 2.3422 W

Electrical parameters

V = 24.00 V I = 0.3260 A P = 7.824 W PF = 1.000