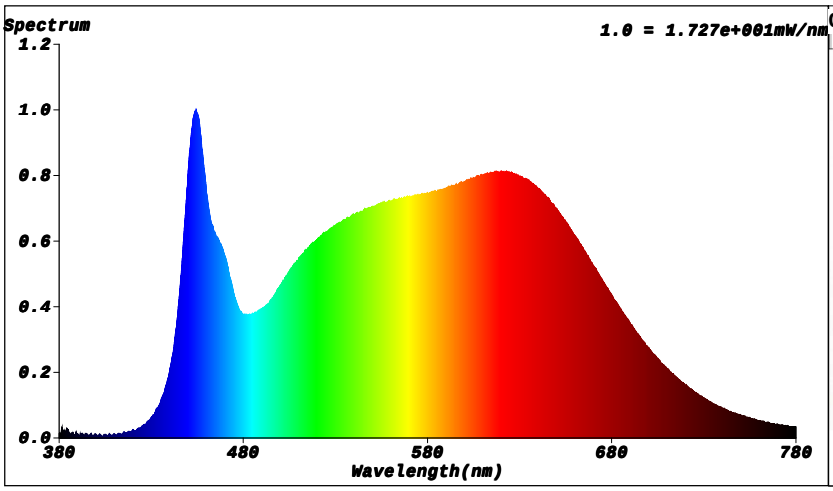
Spectrum Test Report

Sample	: 127053	Date	: 2025-12-11 20:12:47
Specification	: SCOB-256F-10W-48V-W10-4000K	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

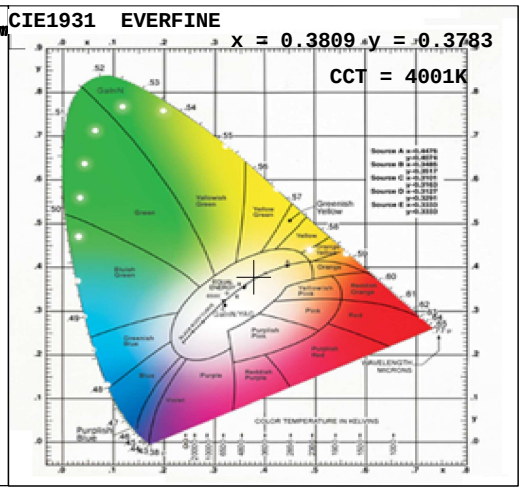
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 12271 (19%)
Test Mode	: Fast Test	T	: 20 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3809 y = 0.3783 / u' = 0.2248 v' = 0.5023 (duv=6.12e-04)

CCT= 4001K Prcp WL: Ld=578.7nm Purity=27.8%

Peak WL: Lp=454nm FWHM: =26.3nm Ratio:R=19.9% G=75.7% B=4.4%

Render Index: Ra = 94.0

R1 =95 R2 =98 R3 =98 R4 =92 R5 =93 R6 =94 R7 =94

R8 =89 R9 =75 R10=92 R11=92 R12=69 R13=96 R14=98 R15=93

WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 868.41 lm Eff. : 90.60 lm/W Fe = 3.0132 W

Electrical parameters

V = 48.00 V I = 0.213 A P = 9.68 W PF = 1.000

EVERFINE CORPORATION

http://www.everfine.cn