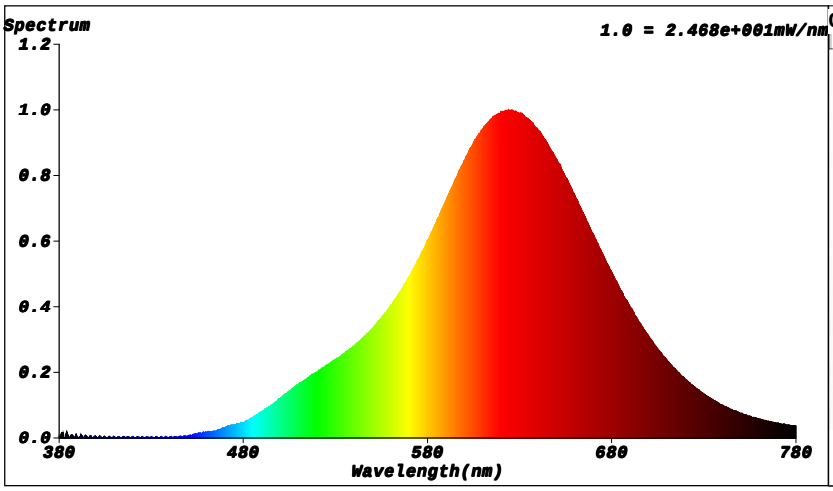
Spectrum Test Report

Sample	: 127052	Date	: 2025-12-11 20:14:49
Specification	: SCOB-256F-10W-48V-W10-2000K	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

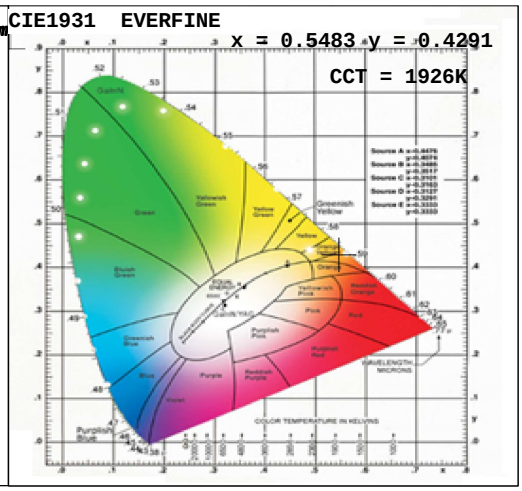
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 21359 (33%)
Test Mode	: Fast Test	T	: 20 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.5483 y = 0.4291 / u' = 0.3109 v' = 0.5476 (duv=5.52e-03)

CCT= 1926K Prcp WL: Ld=588.0nm Purity=93.4%

Peak WL: Lp=624nm FWHM: =109.6nm Ratio:R=34.7% G=64.5% B=0.8%

Render Index: Ra = 83.5

R1 =82	R2 =91	R3 =95	R4 =80	R5 =82	R6 =92	R7 =84	
R8 =62	R9 =24	R10=81	R11=80	R12=82	R13=84	R14=98	R15=74

WHITE:OUT

Photometric & Radiometric Parameters

Flux = 845.75 lm Eff. : 80.550 lm/W Fe = 3.1422 W

Electrical parameters

V = 48.00 V I = 0.216 A P = 9.66 W PF = 1.000

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