

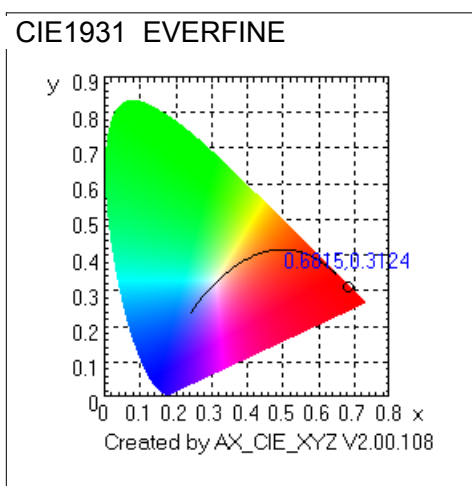
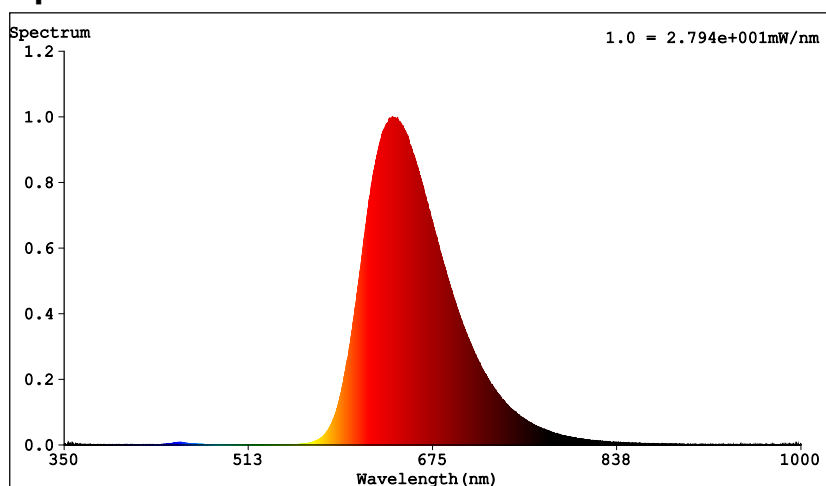
Spectrum Test Report

Sample	:		Date	:	2025-09-13 10:51:09
Specification	:	480-24V-8MM-Red	Sam. Status	:	
Sample No.	:	440	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Instrument number	:	1	Assessor	:	damin

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	52378 (80%)
Test Mode	:	Fast Test	T	:	1053 ms
			Sensitivity	:	Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6815$ $y = 0.3124$ / $u' = 0.5062$ $v' = 0.5220$ ($duv = -5.87e-02$)

CCT≤1000K Prcp WL: $L_d = 618.3nm$ Purity=98.2%

Peak WL: $L_p = 640nm$ FWHM: $= 79.3nm$ Ratio: R=87.2% G=12.7% B=0.1%

Render Index: $R_a = 36.7$

R1 = 22	R2 = 79	R3 = 47	R4 = 0	R5 = 22	R6 = 83	R7 = 42	
R8 = 0	R9 = 0	R10 = 77	R11 = 0	R12 = 81	R13 = 38	R14 = 68	R15 = 7

TLCI = 3.1

Photometric & Radiometric Parameters

Flux = 275.47 lm Eff. : 26.09 lm/W $Fe = 2.4785 W$

(EQE): 299.39%

Kred: 0.72313

Electrical parameters

$V = 24.00 V$ $I = 0.4399 A$ $P = 10.56 W$ PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>