



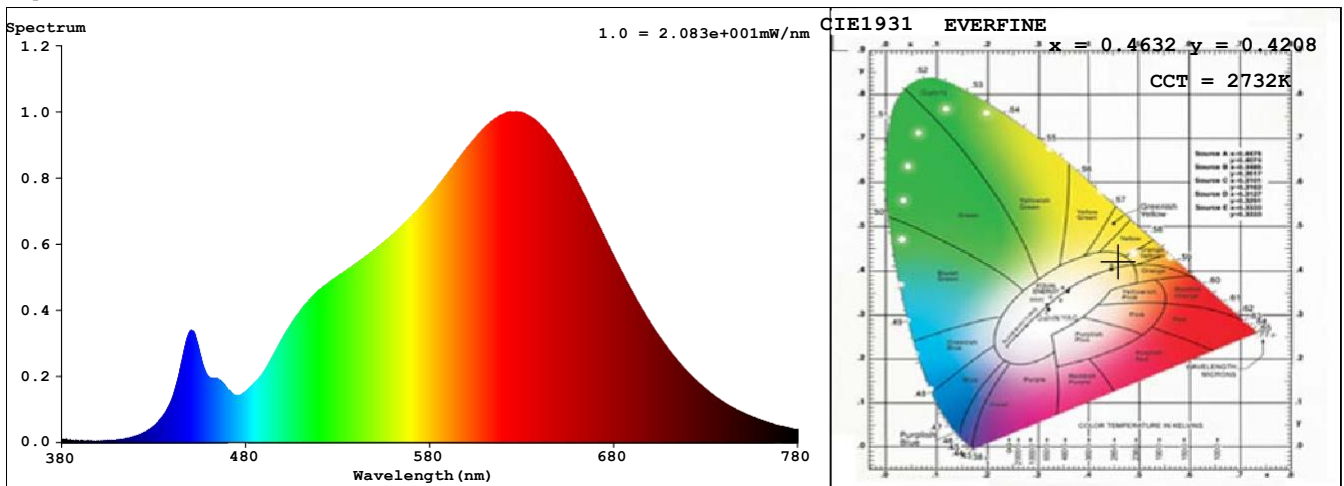
Spectrum Test Report

Sample	: E24M676W27	Date	: 2020-04-09 16:21:17
Specification	: COB 512 8MM 24V 10W 2700K CRI90 1M		
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	: LD512-RCOB-2700K-24-IP20		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53373 (81%)
Test Mode	: Fast Test	T	: 199 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4632$ $y = 0.4208$ / $u' = 0.2601$ $v' = 0.5317$ ($duv=3.43e-03$)

CCT= 2732K Prcp WL: $L_d=583.0nm$ Purity=65.3%

Peak WL: $L_p=627nm$ FWHM: $=156.2nm$ Ratio: R=25.9% G=71.9% B=2.2%

Render Index: $R_a = 92.8$ CRI = 89.8 AvgR = 89.7 TM30: $R_f=93$ $R_g=98$

R1 =93 R2 =95 R3 =96 R4 =94 R5 =92 R6 =94 R7 =94

R8 =83 R9 =61 R10=87 R11=96 R12=81 R13=93 R14=97 R15=88

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 972.15 lm Eff. : 91.48 lm/W Fe = 3.4291 W

Electrical parameters

V = 24.00 V I = 0.4428 A P = 10.63 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

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