



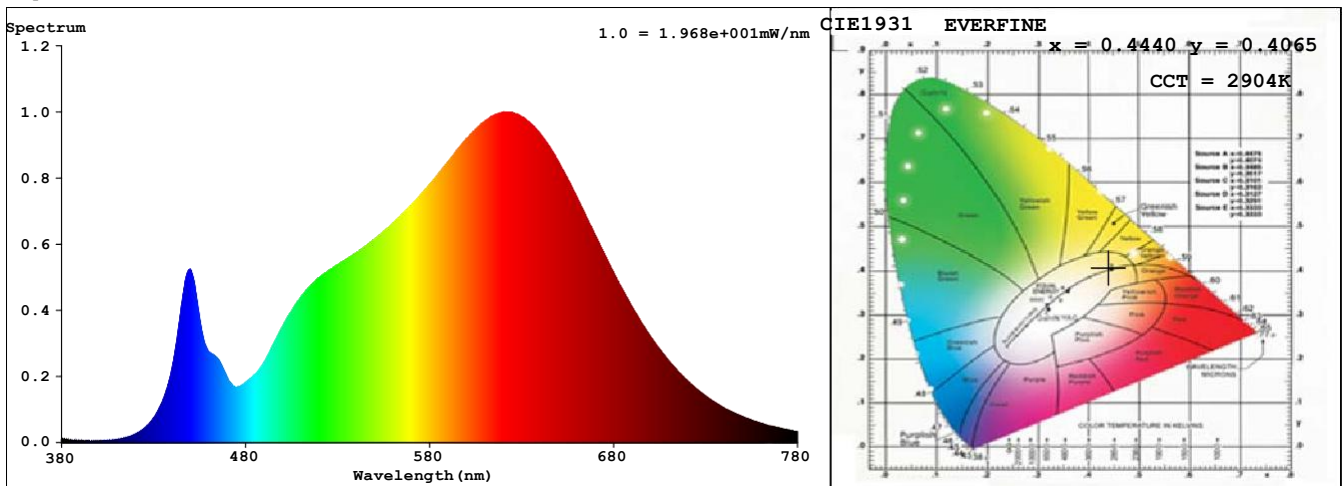
Spectrum Test Report

Sample : E24M676W30 Date : 2020-04-09 16:23:17
 Specification : COB 512 8MM 24V 10W 3000K CRI90 1M
 Sample No. : Instrument : HaasSuite(EVERFINE)
 Manufacturer : Test by : Velleman
 Assessor :
 Remark : LD512-RCOB-3000K-24-IP20

Test Condition

Temperature : 25.3Deg RH : 65.0%
 WL Range : 380nm-780nm IP : 51165 (78%)
 Test Mode : Fast Test T : 199 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4440$ $y = 0.4065$ / $u' = 0.2541$ $v' = 0.5234$ ($duv=5.28e-05$)

CCT= 2904K Prcp WL: $L_d=583.2\text{nm}$ Purity=55.3%

Peak WL: $L_p=621\text{nm}$ FWHM: $=160.8\text{nm}$ Ratio: R=24.8% G=72.7% B=2.5%

Render Index: $R_a = 92.4$ CRI = 89.5 AvgR = 89.5 TM30: $R_f=90$ $R_g=100$

R1 =93 R2 =95 R3 =97 R4 =93 R5 =92 R6 =94 R7 =92

R8 =82 R9 =59 R10=88 R11=95 R12=82 R13=93 R14=98 R15=88

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 961.01 lm Eff. : 97.36 lm/W Fe = 3.3252 W

Electrical parameters

V = 24.00 V I = 0.4113 A P = 9.870 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>