



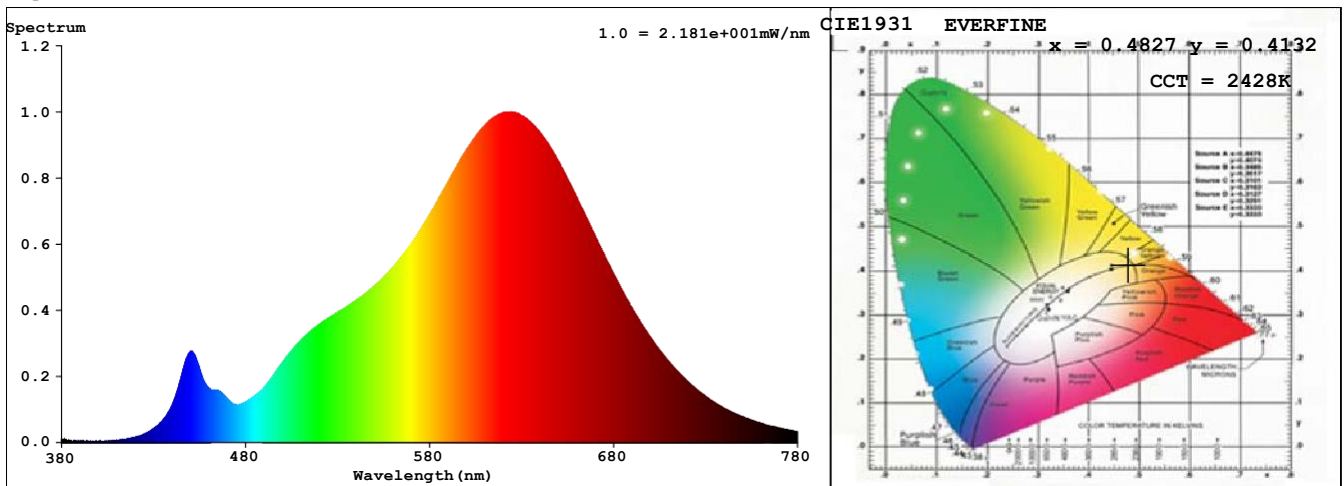
Spectrum Test Report

Sample : E24M676W24 Date : 2020-04-15 10:40:22
 Specification : COB 512 8MM 24V 10W 2400K CRI90 1M
 Sample No. : Instrument : HaasSuite(EVERFINE)
 Manufacturer : Test by : Velleman
 Assessor :
 Remark : D512-RCOB-2400K-24-IP20

Test Condition

Temperature : 25.3Deg RH : 65.0%
 WL Range : 380nm-780nm IP : 52584 (80%)
 Test Mode : Fast Test T : 186 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4827$ $y = 0.4132$ / $u' = 0.2761$ $v' = 0.5318$ ($duv = -3.96e-04$)

CCT= 2428K Prcp WL: $L_d = 585.8\text{nm}$ Purity=69.0%

Peak WL: $L_p = 625\text{nm}$ FWHM: =126.1nm Ratio:R=28.8% G=69.2% B=1.9%

Render Index: $R_a = 91.4$ CRI = 89.1 AvgR = 88.9 TM30:Rf=89 Rg=99

R1 =91 R2 =96 R3 =98 R4 =92 R5 =92 R6 =97 R7 =89

R8 =76 R9 =49 R10=92 R11=94 R12=89 R13=93 R14=99 R15=86

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 908.69 lm Eff. : 87.57 lm/W Fe = 3.2529 W

Electrical parameters

V = 24.00 V I = 0.4324 A P = 10.38 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>