



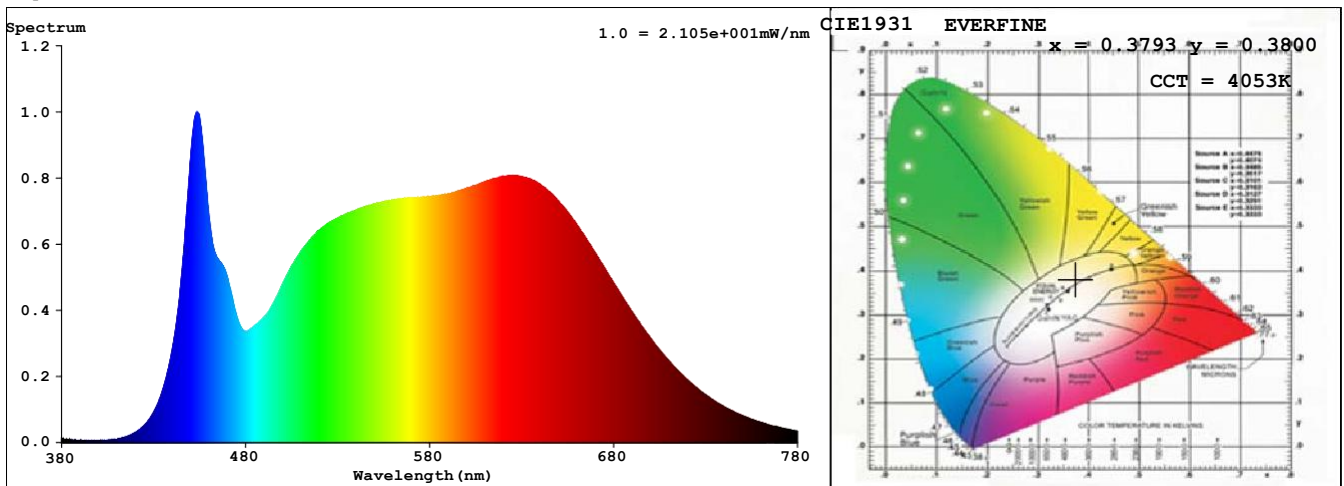
Spectrum Test Report

Sample : E24M676W40 Date : 2020-04-09 16:24:54
 Specification : COB 512 8MM 24V 10W 4000K CRI90 1M
 Sample No. : Instrument : HaasSuite(EVERFINE)
 Manufacturer : Test by : Velleman
 Assessor :
 Remark : LD512-RCOB-4000K-24-IP20

Test Condition

Temperature : 25.3Deg RH : 65.0%
 WL Range : 380nm-780nm IP : 53324 (81%)
 Test Mode : Fast Test T : 239 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3793$ $y = 0.3800$ / $u' = 0.2231$ $v' = 0.5028$ ($duv=1.83e-03$)

CCT= 4053K Prcp WL: $L_d=577.9nm$ Purity=27.9%

Peak WL: $L_p=454nm$ FWHM: $=24.9nm$ Ratio:R=19.6% G=76.2% B=4.2%

Render Index: $R_a = 94.3$ CRI = 91.3 AvgR = 91.4 TM30:Rf=91 Rg=99

R1 =95 R2 =96 R3 =95 R4 =94 R5 =93 R6 =93 R7 =97

R8 =92 R9 =79 R10=89 R11=94 R12=69 R13=95 R14=97 R15=93

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1073.1 lm Eff. : 101.14 lm/W Fe = 3.7766 W

Electrical parameters

V = 24.00 V I = 0.4421 A P = 10.61 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>