



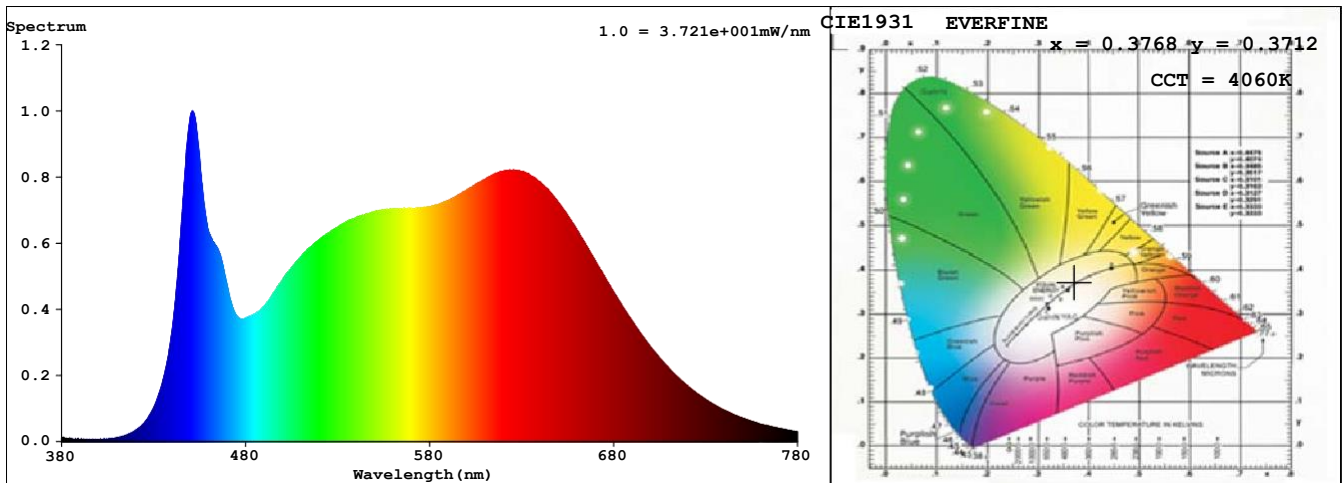
Spectrum Test Report

Sample	: E24N490W40	Date	: 2019-12-30 14:52:49
Specification	: 2110 700LED 10mm 24V 18W 4000K CRI90 1M		
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	: LD700-R2110-4000K-24-IP20		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53124 (81%)
Test Mode	: Fast Test	T	: 130 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3768$ $y = 0.3712$ / $u' = 0.2249$ $v' = 0.4986$ ($duv = -1.56e-03$)

CCT= 4060K Prcp WL: $L_d = 579.8\text{nm}$ Purity=24.5%

Peak WL: $L_p = 451\text{nm}$ FWHM: $=25.8\text{nm}$ Ratio: R=20.2% G=75.3% B=4.5%

Render Index: Ra = 96.7 CRI = 94.5 AvgR = 94.7 TM30:Rf=93 Rg=101

R1 =98 R2 =98 R3 =96 R4 =97 R5 =96 R6 =95 R7 =97

R8 =95 R9 =88 R10=94 R11=97 R12=75 R13=99 R14=97 R15=97

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1844.8 lm Eff. : 104.13 lm/W Fe = 6.5586 W

Electrical parameters

V = 24.00 V I = 0.7382 A P = 17.72 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>