

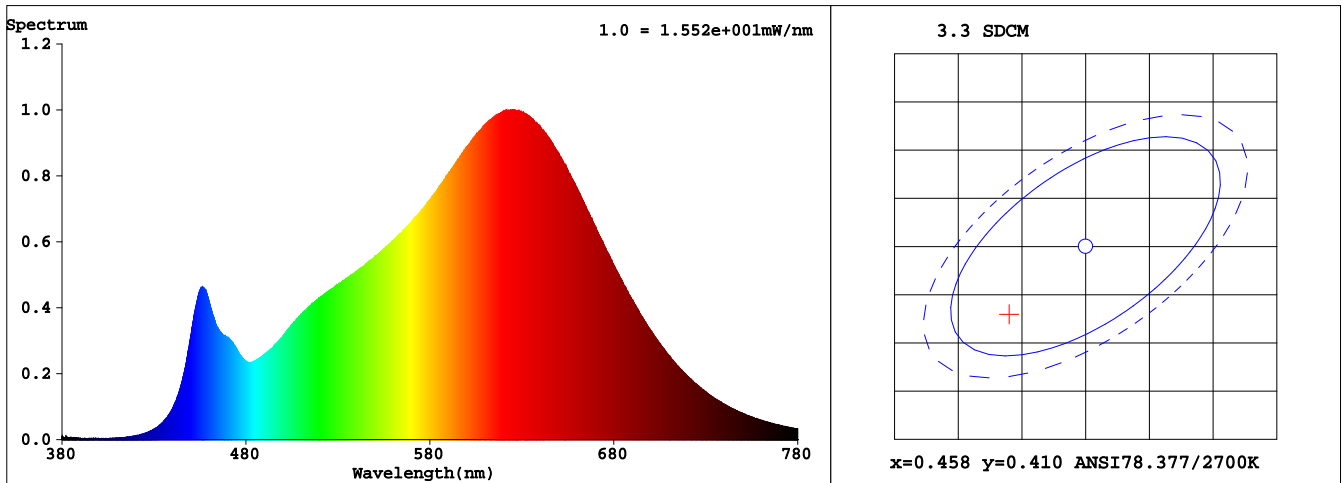
Spectrum Test Report

Sample	: E24N160W27	Date	: 2023-07-14 18:46:07
Specification			: First sample test
Sample No.	:	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: Gaoyifei		
Remark	: LD180-RL2835-2700K-24-IP20-0.5M	Test by	: Sun ren fang
Device SN	: HS-2000		

Test Condition

Temperature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 55935 (85%)
Test Mode	: Fast Test	T	: 321 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4518$ $y = 0.4030$ / $u' = 0.2607$ $v' = 0.5232$ ($duv = -2.12e-03$) $Dx, Dy: -0.0035, -0.0065$
 CCT= 2756K Prcp WL: $L_d = 584.7nm$ Purity=56.6%
 Peak WL: $L_p = 625nm$ FWHM: =145.0nm Ratio:R=26.4% G=70.7% B=2.9%
 Render Index: $R_a = 93.9$ CRI = 92.3 TM30:Rf=92 Rg=100

EEL: 0.12456 A+

R1 =96 R2 =99 R3 =97 R4 =94 R5 =96 R6 =96 R7 =91
 R8 =83 R9 =66 R10=98 R11=95 R12=84 R13=97 R14=99 R15=92

LEVEL:OUT

Photometric & Radiometric Parameters

Flux = 708.31 lm Eff. : 97.83 lm/W $F_e = 2.5395 W$

Electrical parameters

V = 24.00 V I = 0.3017 A P = 7.240 W PF = 1.000 F=0.00 Hz