



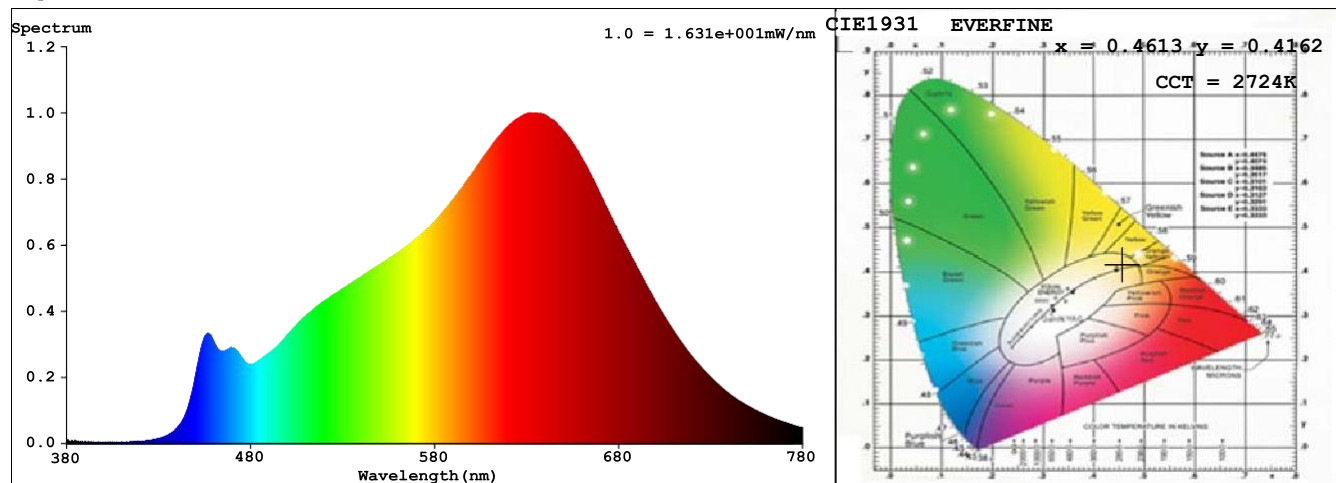
Spectrum Test Report

Sample	: E12W150W27	Date	: 2019-04-17 17:14:50
Specification	: 2835 120LED 8MM 12V 9.6W 2700K IP68 CRI90 1M		
Sample No.	: LD19040302#29	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 57480 (88%)
Test Mode	: Fast Test	T	: 269 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4613$ $y = 0.4162$ / $u' = 0.2609$ $v' = 0.5297$ ($duv=1.95e-03$)

CCT= 2724K Prcp WL: $L_d=583.5nm$ Purity=63.4%

Peak WL: $L_p=632nm$ FWHM: $=153.9nm$ Ratio: R=26.8% G=70.3% B=2.9%

Render Index: $R_a = 96.7$ CRI = 95.5 AvgR = 95.5 TM30: $R_f=90$ $R_g=97$

R1 =99 R2 =99 R3 =99 R4 =96 R5 =98 R6 =96 R7 =94

R8 =92 R9 =85 R10=98 R11=97 R12=85 R13=99 R14=99 R15=96

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 716.11 lm Eff. : 78.70 lm/W $F_e = 2.7199 W$

Flux of emitted photons($\mu mol/s$):13.778 Fluo. and blue light ratio:16.10 Fluorescent eff.:281.5

Electrical parameters

V = 12.00 V I = 0.7584 A P = 9.099 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>