



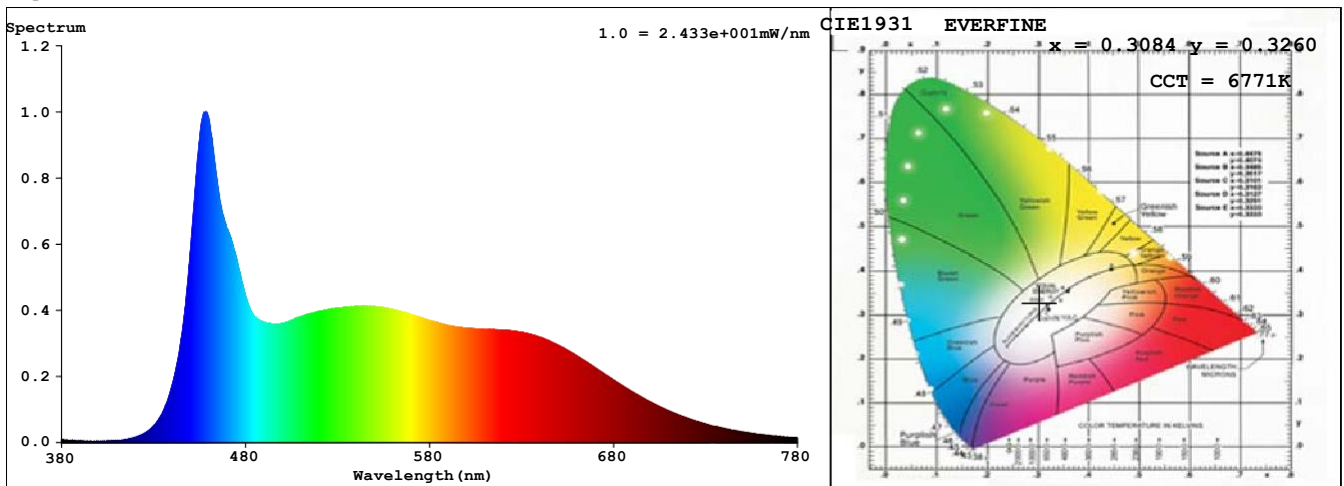
Spectrum Test Report

Sample	: E12W131W65	Date	: 2019-01-17 16:30:36
Specification	: 2835 60LED 6mm Zigzag 12V 7.2W 6500K CRI90 IP20 1M		
Sample No.	: LD18111903B#27	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	: LD60-RZ2835-6500K-12-IP20		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 56261 (86%)
Test Mode	: Fast Test	T	: 270 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3084$ $y = 0.3260$ / $u' = 0.1959$ $v' = 0.4661$ ($duv=3.88e-03$)

CCT= 6771K Prcp WL: $L_d=487.9nm$ Purity=9.0%

Peak WL: $L_p=459nm$ FWHM: $=28.6nm$ Ratio: R=15.1% G=76.8% B=8.0%

Render Index: $R_a = 91.5$ CRI = 90.4 AvgR = 90.5 TM30: $R_f=87$ $R_g=96$

R1 =96 R2 =96 R3 =94 R4 =84 R5 =91 R6 =95 R7 =87

R8 =88 R9 =92 R10=94 R11=88 R12=66 R13=98 R14=97 R15=91

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 681.27 lm Eff. : 98.14 lm/W Fe = 2.5281 W

Flux of emitted photons($\mu mol/s$):11.664 Fluo. and blue light ratio:2.877 Fluorescent eff.:270.4

Electrical parameters

V = 12.00 V I = 0.5786 A P = 6.942 W PF = 1.000 F=0.00 Hz