



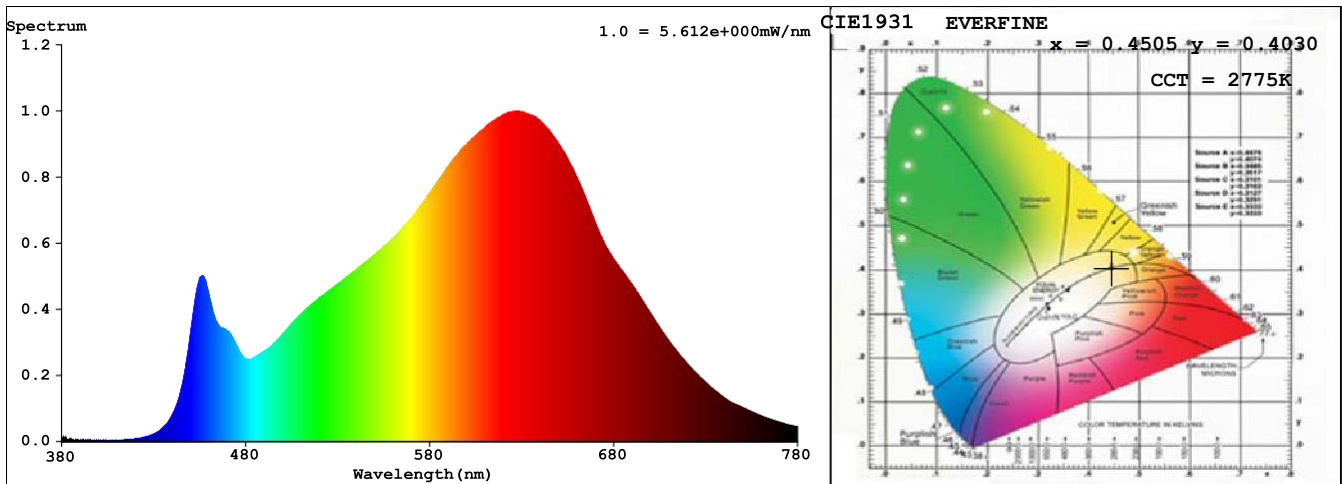
Spectrum Test Report

Sample	: E24F153W27	Date	: 2019-05-13 14:57:01
Specification	: 2835 120LED 0612NEON 24V 10W 2700K IP67 CRI90 1M:		
Sample No.	: LD19040302#38	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52644 (80%)
Test Mode	: Fast Test	T	: 695 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4505$ $y = 0.4030$ / $u' = 0.2599$ $v' = 0.5230$ ($duv = -2.02e-03$)

CCT= 2775K Prcp WL: $L_d = 584.5nm$ Purity=56.2%

Peak WL: $L_p = 628nm$ FWHM: $= 151.3nm$ Ratio: R=26.1% G=70.9% B=3.0%

Render Index: $R_a = 93.6$ CRI = 92.0 AvgR = 91.9 TM30: $R_f = 90$ $R_g = 99$

R1 =95 R2 =99 R3 =96 R4 =93 R5 =95 R6 =96 R7 =90

R8 =83 R9 =67 R10=99 R11=94 R12=82 R13=97 R14=99 R15=92

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 260.82 lm Eff. : 25.17 lm/W $F_e = 953.63$ mW

Flux of emitted photons($\mu mol/s$): 4.7805 Fluo. and blue light ratio: 11.15 Fluorescent eff.: 84.47

Electrical parameters

V = 24.00 V I = 0.4318 A P = 10.36 W PF = 1.000 F=0.00 Hz