



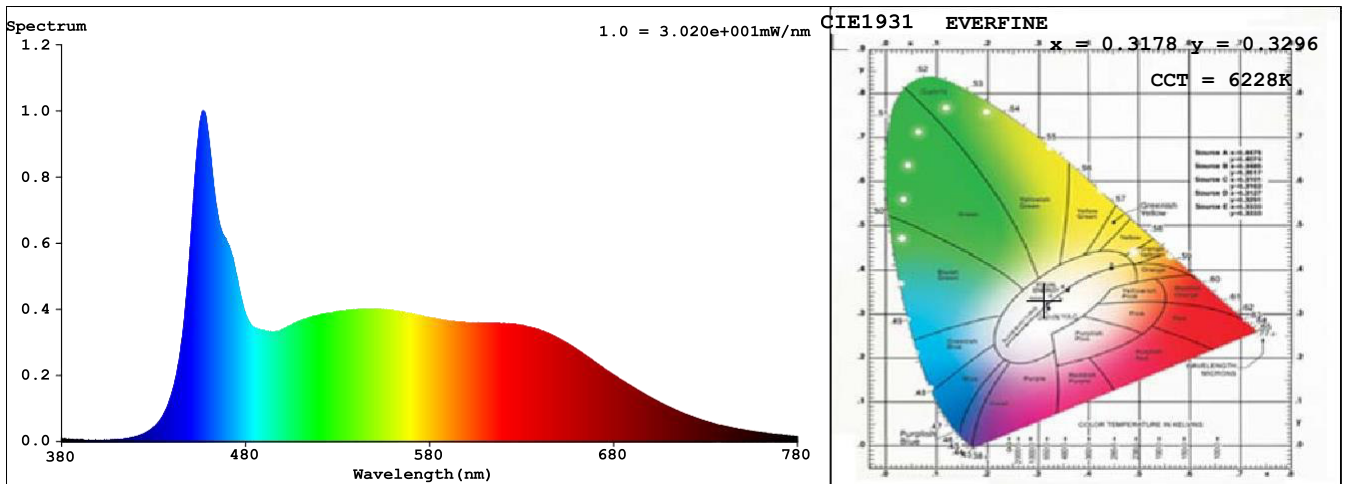
Spectrum Test Report

Sample	: E12W150W65	Date	: 2019-04-17 17:09:38
Specification	: 2835 120LED 8MM 12V 9.6W 6500K IP68 CRI90 1M		
Sample No.	: LD19040302#26	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52802 (81%)
Test Mode	: Fast Test	T	: 217 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3178$ $y = 0.3296$ / $u' = 0.2012$ $v' = 0.4694$ ($duv=9.52e-04$)

CCT= 6228K Prcp WL: $L_d=488.6nm$ Purity=5.5%

Peak WL: $L_p=457nm$ FWHM: $=26.2nm$ Ratio: R=16.1% G=76.5% B=7.5%

Render Index: $R_a = 92.4$ CRI = 91.5 AvgR = 91.6 TM30: $R_f=88$ $R_g=98$

R1 =96 R2 =96 R3 =95 R4 =88 R5 =92 R6 =94 R7 =89

R8 =90 R9 =95 R10=93 R11=91 R12=67 R13=97 R14=98 R15=93

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 837.29 lm Eff. : 91.86 lm/W Fe = 3.1096 W

Flux of emitted photons($\mu mol/s$):14.454 Fluo. and blue light ratio:2.397 Fluorescent eff.:240.8

Electrical parameters

V = 12.00 V I = 0.7597 A P = 9.115 W PF = 1.000 F=0.00 Hz