



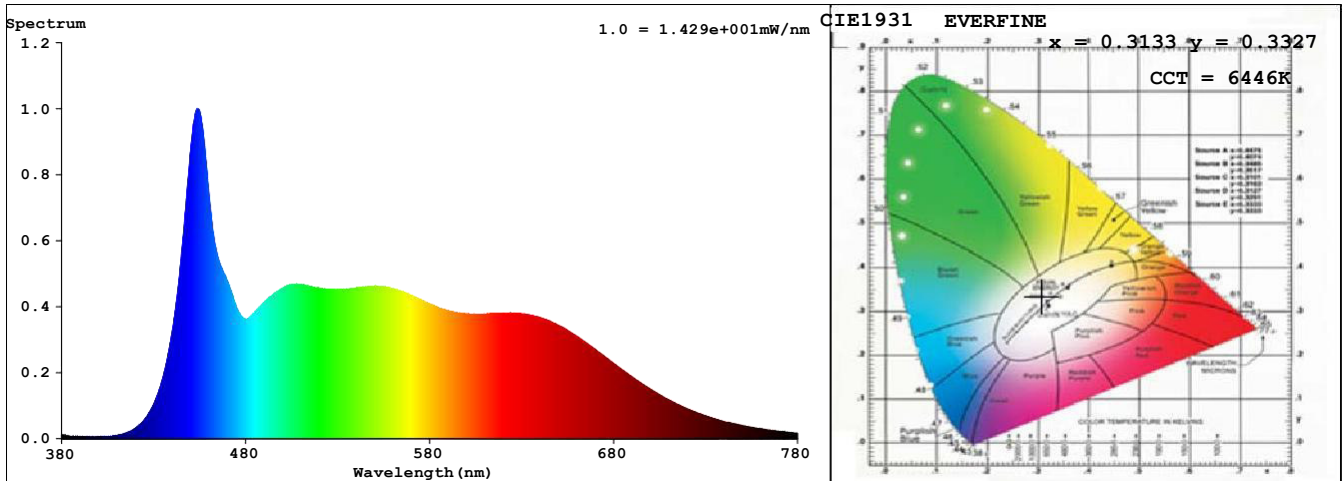
Spectrum Test Report

Sample : **E24N130W65** Date : 2018-11-26 18:32:21
 Specification : 2835 60LED 8mm 24V 4.8W 6500K CRI90 1M
 Sample No. : LD18111903#21 Instrument : HaasSuite(EVERFINE)
 Manufacturer : Test by : **Velleman**
 Assessor :
 Remark : LD60-RL2835-6500K-24-IP20

Test Condition

Temperature : 25.3Deg RH : 65.0%
 WL Range : 380nm-780nm IP : 52722 (80%)
 Test Mode : Fast Test T : 428 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3133$ $y = 0.3327$ / $u' = 0.1969$ $v' = 0.4704$ ($duv=4.80e-03$)

CCT= 6446K Prcp WL: $L_d=491.3nm$ Purity=6.8%

Peak WL: $L_p=454nm$ FWHM: $=24.3nm$ Ratio:R=15.2% G=77.7% B=7.1%

Render Index: Ra = 95.8 CRI = 94.1 AvgR = 94.1 TM30:Rf=92 Rg=99

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

R8 =94 R9 =90 R10=97 R11=95 R12=72 R13=98 R14=100 R15=94

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 446.49 lm Eff. : 95.41 lm/W Fe = 1.6503 W

Flux of emitted photons($\mu mol/s$):7.6485 Fluo. and blue light ratio:3.170 Fluorescent eff.:268.2

Electrical parameters

V = 24.00 V I = 0.1950 A P = 4.680 W PF = 1.000 F=0.00 Hz