



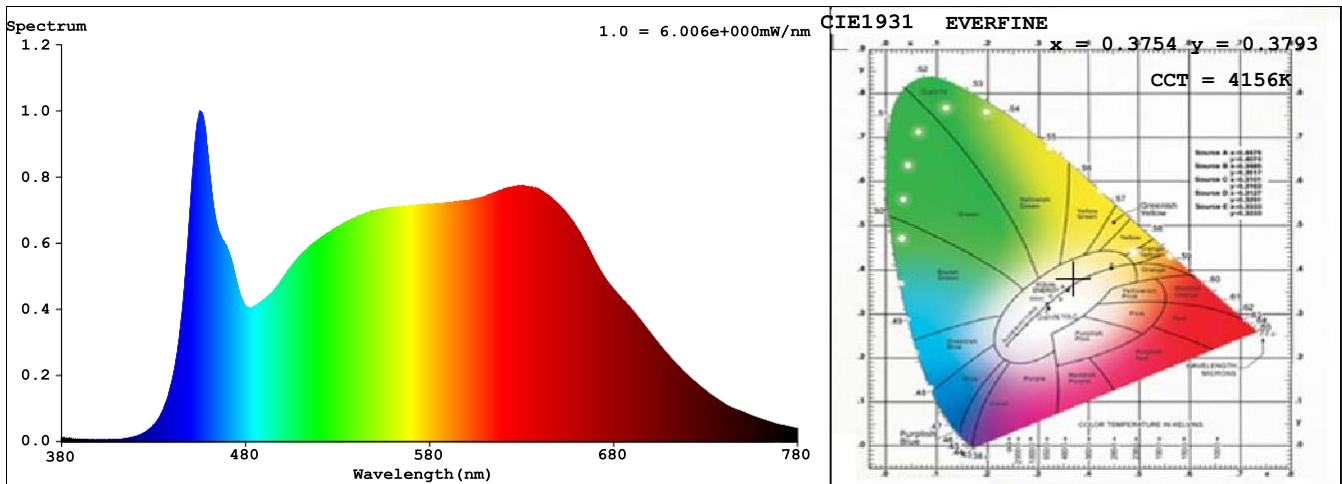
Spectrum Test Report

Sample : E24F153W40 Date : 2019-05-13 14:55:18
 Specification : 2835 120LED 0612NEON 24V 10W 4000K IP67 CRI90 1M:
 Sample No. : LD19040302#40 Instrument : HaasSuite(EVERFINE)
 Manufacturer : Test by : Velleman
 Assessor :
 Remark :

Test Condition

Temperature : 25.3Deg RH : 65.0%
 WL Range : 380nm-780nm IP : 53015 (81%)
 Test Mode : Fast Test T : 825 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3754$ $y = 0.3793$ / $u' = 0.2208$ $v' = 0.5020$ ($duv=2.70e-03$)

CCT= 4156K Prcp WL: $L_d=577.0\text{nm}$ Purity=26.5%

Peak WL: $L_p=455\text{nm}$ FWHM: $=27.2\text{nm}$ Ratio:R=19.3% G=75.9% B=4.8%

Render Index: $R_a = 94.8$ CRI = 92.3 AvgR = 92.4 TM30:Rf=90 Rg=97

R1 =96 R2 =98 R3 =99 R4 =91 R5 =93 R6 =95 R7 =94

R8 =92 R9 =84 R10=94 R11=92 R12=68 R13=97 R14=99 R15=93

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 295.91 lm Eff. : 29.13 lm/W Fe = 1.0558 W

Flux of emitted photons($\mu\text{mol/s}$):5.1053 Flu. and blue light ratio:5.547 Fluorescent eff.:88.08

Electrical parameters

V = 24.00 V I = 0.4233 A P = 10.16 W PF = 1.000 F=0.00 Hz