



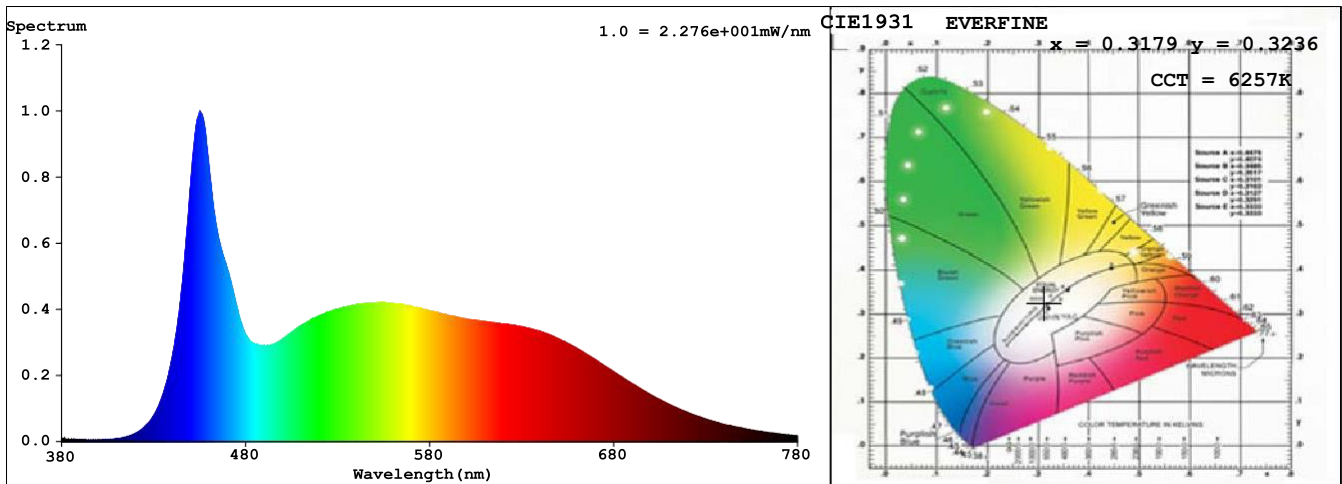
Spectrum Test Report

Sample : E24N352W65 Date : 2019-04-19 22:22:36
 Specification : 2110 120LED 4MM 24V 7.2W 6500K IP20 CRI90 1M
 Sample No. : LD19040302#33 Instrument : HaasSuite(EVERFINE)
 Manufacturer : Test by : Velleman
 Assessor :
 Remark :

Test Condition

Temperature : 25.3Deg RH : 65.0%
 WL Range : 380nm-780nm IP : 51407 (78%)
 Test Mode : Fast Test T : 289 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3179$ $y = 0.3236$ / $u' = 0.2035$ $v' = 0.4662$ ($duv = -2.25e-03$)

CCT= 6257K Prcp WL: $L_d = 483.1\text{nm}$ Purity=6.0%

Peak WL: $L_p = 455\text{nm}$ FWHM: $=25.3\text{nm}$ Ratio: R=15.8% G=77.4% B=6.7%

Render Index: $R_a = 94.0$ CRI = 92.1 AvgR = 92.3 TM30:Rf=88 Rg=100

R1 =95 R2 =98 R3 =96 R4 =91 R5 =92 R6 =92 R7 =94

R8 =93 R9 =89 R10=95 R11=92 R12=66 R13=98 R14=98 R15=95

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 644.35 lm Eff. : 82.54 lm/W Fe = 2.3983 W

Flux of emitted photons($\mu\text{mol/s}$):11.146 Flu. and blue light ratio:2.530 Fluorescent eff.:220.3

Electrical parameters

V = 24.00 V I = 0.3253 A P = 7.807 W PF = 1.000 F=0.00 Hz