

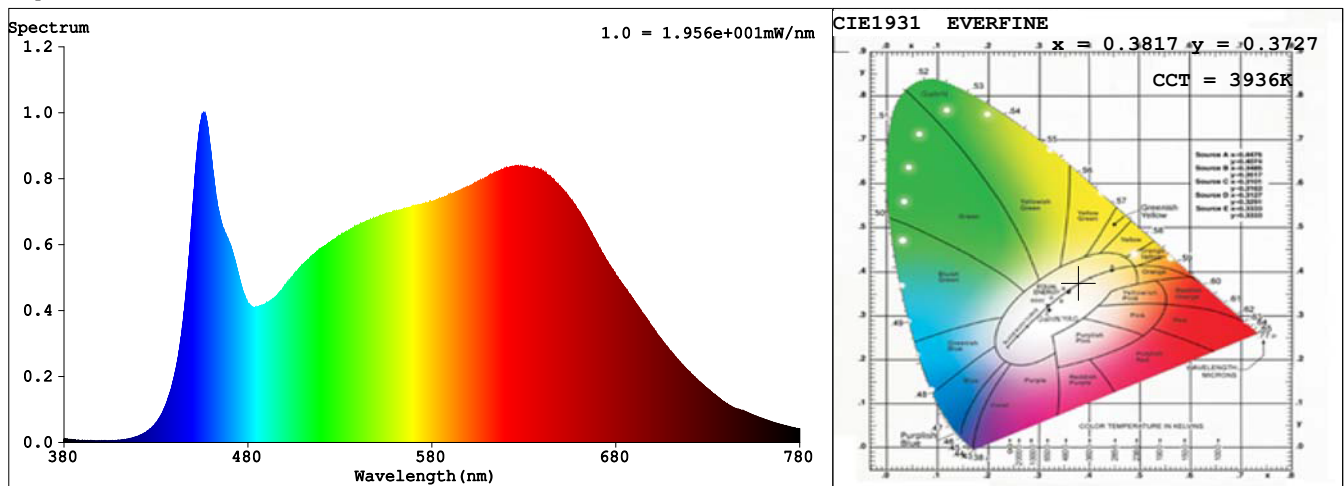
Spectrum Test Report

Sample : Date : 2019-04-25 15:45:16
 Specification : FEN16W-P7-G1 28HZ840 24V120S 1616L05 Sam. Status :
 Sample No. : 1M Instrument : HaasSuite(EVERFINE)
 Manufacturer : Test by :
 Assessor : damin
 Remark :

Test Condition

Temperature : 25.3Deg RH : 65.0%
 WL Range : 380nm-780nm IP : 52867 (81%)
 Test Mode : Fast Test T : 237 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3817$ $y = 0.3727$ / $u' = 0.2275$ $v' = 0.5000$ ($duv = -2.26e-03$)

CCT= 3936K Prcp WL: $L_d = 580.6\text{nm}$ Purity=26.4%

Peak WL: $L_p = 456\text{nm}$ FWHM: $= 28.1\text{nm}$ Ratio: R=20.7% G=74.5% B=4.8%

Render Index: $R_a = 96.1$ CRI = 94.8 AvgR = 94.9 TM30: $R_f = 91$ $R_g = 99$

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

R8 =94 R9 =92 R10=99 R11=96 R12=73 R13=99 R14=99 R15=96

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 973.75 lm Eff. : 59.74 lm/W $F_e = 3.5656$ W

Flux of emitted photons($\mu\text{mol/s}$):17.307 Flu. and blue light ratio:5.353 Fluorescent eff.:184.4

Electrical parameters

V = 24.00 V I = 0.6792 A P = 16.30 W PF = 1.000 F=0.00 Hz