

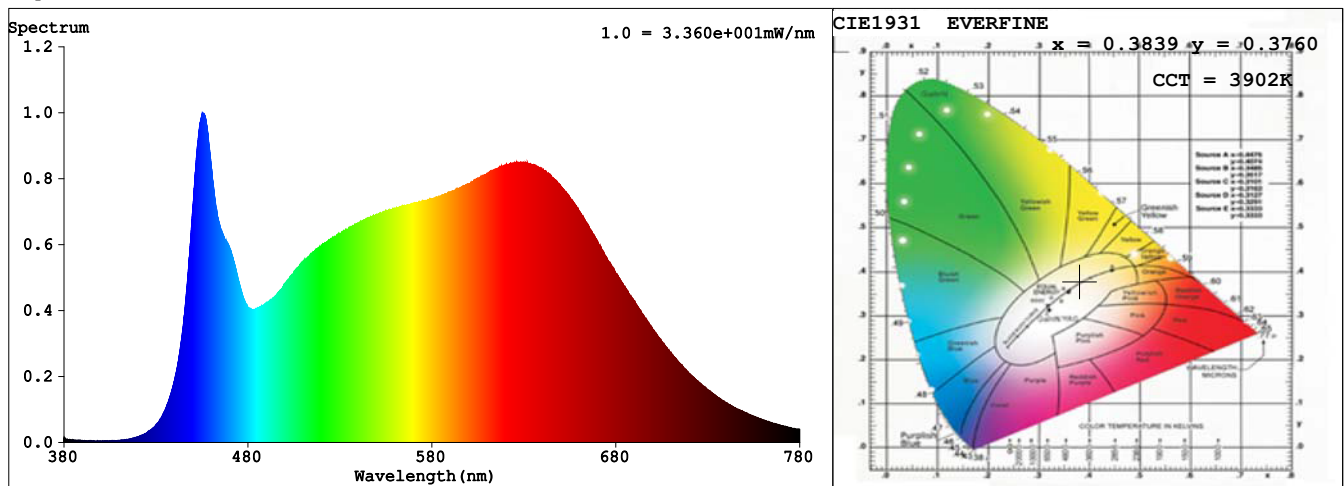
Spectrum Test Report

Sample : Date : 2019-04-18 13:55:13
 Specification : FEN18WT-P7-G1 28HZ940 24V210S 1307L05 Sam. Status :
 Sample No. Instrument : HaasSuite(EVERFINE)
 Manufacturer : Test by :
 Assessor : damin
 Remark : 1M

Test Condition

Temperature : 25.3Deg RH : 65.0%
 WL Range : 380nm-780nm IP : 52806 (81%)
 Test Mode : Fast Test T : 136 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3839$ $y = 0.3760$ / $u' = 0.2277$ $v' = 0.5018$ ($duv = -1.33e-03$)

CCT= 3902K Prcp WL: $L_d = 580.2\text{nm}$ Purity=28.0%

Peak WL: $L_p = 455\text{nm}$ FWHM: $= 27.3\text{nm}$ Ratio: R=20.7% G=74.6% B=4.7%

Render Index: $R_a = 96.2$ CRI = 94.7 AvgR = 94.8 TM30: $R_f = 91$ $R_g = 99$

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

R8 = 93 R9 = 90 R10 = 99 R11 = 96 R12 = 73 R13 = 99 R14 = 99 R15 = 96

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1691.9 lm Eff. : 95.67 lm/W $F_e = 6.1455\text{ W}$

Flux of emitted photons($\mu\text{mol/s}$): 29.847 Flu. and blue light ratio: 5.642 Fluorescent eff.: 295.3

Electrical parameters

$V = 24.00\text{ V}$ $I = 0.7369\text{ A}$ $P = 17.68\text{ W}$ PF = 1.000 F=0.00 Hz